

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092623\
 Data File : VN079352.D
 Acq On : 26 Sep 2023 16:26
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Supervised By :Mahesh
 Dadoda
 09/27/2023

Quant Time: Sep 27 06:26:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091123W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	09/27/2023
Internal Standards							09/27/2023
1) Pentafluorobenzene	8.224	168	171874	50.000	ug/l	0.00	Supervised By :Mahesh
34) 1,4-Difluorobenzene	9.106	114	301680	50.000	ug/l	0.00	Padoda
63) Chlorobenzene-d5	11.870	117	277767	50.000	ug/l	0.00	
72) 1,4-Dichlorobenzene-d4	13.794	152	125138	50.000	ug/l	0.00	
System Monitoring Compounds							09/27/2023
33) 1,2-Dichloroethane-d4	8.582	65	126372	54.468	ug/l	0.00	
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.940%	
35) Dibromofluoromethane	8.171	113	100746	50.204	ug/l	0.00	
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.400%	
50) Toluene-d8	10.571	98	366754	49.774	ug/l	0.00	
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.540%	
62) 4-Bromofluorobenzene	12.853	95	123611	52.592	ug/l	0.00	
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.180%	
Target Compounds						Qvalue	
2) Dichlorodifluoromethane	2.124	85	84916	49.933	ug/l	99	
3) Chloromethane	2.365	50	106727	47.807	ug/l	98	
4) Vinyl Chloride	2.518	62	127602	52.457	ug/l	94	
5) Bromomethane	2.942	94	73921	52.868	ug/l	96	
6) Chloroethane	3.118	64	93989	60.618	ug/l	100	
7) Trichlorofluoromethane	3.495	101	184010	51.660	ug/l	97	
8) Diethyl Ether	3.965	74	66996	54.190	ug/l	67	
9) 1,1,2-Trichlorotrifluo...	4.365	101	95997	50.677	ug/l	98	
10) Methyl Iodide	4.589	142	102944	66.435	ug/l	99	
11) Tert butyl alcohol	5.524	59	86900	202.873	ug/l #	87	
12) 1,1-Dichloroethene	4.336	96	88244	48.139	ug/l	87	
13) Acrolein	4.177	56	110339	270.044	ug/l	97	
14) Allyl chloride	5.024	41	140035	47.888	ug/l	88	
15) Acrylonitrile	5.718	53	292238	263.114	ug/l	100	
16) Acetone	4.430	43	283498	287.706	ug/l	90	
17) Carbon Disulfide	4.712	76	218632	38.161	ug/l	100	
18) Methyl Acetate	5.024	43	222289	54.889	ug/l #	84	
19) Methyl tert-butyl Ether	5.794	73	335558	53.375	ug/l	94	
20) Methylene Chloride	5.277	84	114083	47.576	ug/l #	82	
21) trans-1,2-Dichloroethene	5.789	96	101923	47.930	ug/l	85	
22) Diisopropyl ether	6.677	45	380053	59.234	ug/l #	89	
23) Vinyl Acetate	6.606	43	1093726	277.142	ug/l #	87	
24) 1,1-Dichloroethane	6.571	63	214921	54.338	ug/l	99	
25) 2-Butanone	7.488	43	398812	278.947	ug/l #	82	
26) 2,2-Dichloropropane	7.494	77	177455	54.673	ug/l	99	
27) cis-1,2-Dichloroethene	7.488	96	126419	51.992	ug/l	86	
28) Bromochloromethane	7.818	49	99633	55.714	ug/l #	73	
29) Tetrahydrofuran	7.841	42	250526	275.354	ug/l #	75	
30) Chloroform	7.965	83	225076	54.656	ug/l	94	
31) Cyclohexane	8.259	56	165114	48.739	ug/l	86	
32) 1,1,1-Trichloroethane	8.171	97	188227	53.620	ug/l	95	
36) 1,1-Dichloropropene	8.377	75	155670	50.328	ug/l	96	
37) Ethyl Acetate	7.559	43	158263	51.298	ug/l #	90	
38) Carbon Tetrachloride	8.365	117	157584	49.232	ug/l	96	
39) Methylcyclohexane	9.606	83	152543	49.997	ug/l #	82	
40) Benzene	8.606	78	472421	49.893	ug/l	99	

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 Quant Title : SW846 8260
 QLast Update : Tue Sep 12 05:05:24 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.783	41	90492	58.174	ug/l	#	83
42) 1,2-Dichloroethane	8.677	62	171749	52.688	ug/l		97
43) Isopropyl Acetate	8.694	43	265485	52.739	ug/l	#	89
44) Trichloroethene	9.353	130	110058	47.183	ug/l		95
45) 1,2-Dichloropropane	9.624	63	129052	54.917	ug/l		97
46) Dibromomethane	9.712	93	83634	52.427	ug/l		95
47) Bromodichloromethane	9.888	83	179526	54.944	ug/l		100
48) Methyl methacrylate	9.682	41	123891	54.945	ug/l	#	80
49) 1,4-Dioxane	9.694	88	43548	938.988	ug/l	#	80
51) 4-Methyl-2-Pentanone	10.447	43	816676	279.474	ug/l		89
52) Toluene	10.635	92	291886	50.160	ug/l		97
53) t-1,3-Dichloropropene	10.841	75	183380	53.226	ug/l		98
54) cis-1,3-Dichloropropene	10.318	75	196303	53.271	ug/l	#	86
55) 1,1,2-Trichloroethane	11.018	97	119960	52.537	ug/l		95
56) Ethyl methacrylate	10.876	69	175444	54.432	ug/l	#	82
57) 1,3-Dichloropropane	11.165	76	207011	52.446	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.165	63	397994	288.541	ug/l		89
59) 2-Hexanone	11.200	43	590833	279.154	ug/l		88
60) Dibromochloromethane	11.365	129	127751	52.571	ug/l		100
61) 1,2-Dibromoethane	11.471	107	115905	50.866	ug/l		97
64) Tetrachloroethene	11.106	164	87871	43.385	ug/l		99
65) Chlorobenzene	11.894	112	304551	48.399	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.965	131	115561	48.975	ug/l		98
67) Ethyl Benzene	11.965	91	565702	52.559	ug/l		97
68) m/p-Xylenes	12.076	106	427229	106.493	ug/l		96
69) o-Xylene	12.400	106	206815	53.752	ug/l		96
70) Styrene	12.412	104	347126	56.095	ug/l		98
71) Bromoform	12.582	173	83162	47.741	ug/l	#	100
73) Isopropylbenzene	12.700	105	538416	47.290	ug/l		99
74) N-amyl acetate	12.500	43	214900	49.751	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	177293	41.818	ug/l		98
76) 1,2,3-Trichloropropane	12.994	75	154048m	45.676	ug/l		
77) Bromobenzene	12.982	156	120435	41.776	ug/l		94
78) n-propylbenzene	13.041	91	652157	50.991	ug/l		97
79) 2-Chlorotoluene	13.129	91	383339	45.826	ug/l		99
80) 1,3,5-Trimethylbenzene	13.176	105	450947	47.534	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.741	75	53882	43.922	ug/l		88
82) 4-Chlorotoluene	13.223	91	374971	47.705	ug/l		99
83) tert-Butylbenzene	13.441	119	369422	47.072	ug/l		97
84) 1,2,4-Trimethylbenzene	13.482	105	447119	49.489	ug/l		99
85) sec-Butylbenzene	13.617	105	542687	50.228	ug/l		99
86) p-Isopropyltoluene	13.735	119	439400	50.904	ug/l		99
87) 1,3-Dichlorobenzene	13.735	146	221583	46.861	ug/l		97
88) 1,4-Dichlorobenzene	13.817	146	214248	44.840	ug/l		99
89) n-Butylbenzene	14.059	91	367672	54.166	ug/l		99
90) Hexachloroethane	14.335	117	84314	48.099	ug/l		87
91) 1,2-Dichlorobenzene	14.112	146	213919	45.828	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	28290	43.895	ug/l		98
93) 1,2,4-Trichlorobenzene	15.400	180	76649	45.694	ug/l		97
94) Hexachlorobutadiene	15.500	225	50588	38.337	ug/l		96
95) Naphthalene	15.647	128	201266	40.398	ug/l		99
96) 1,2,3-Trichlorobenzene	15.841	180	80443	40.655	ug/l		96

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Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

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Reviewed By :John
Carlone

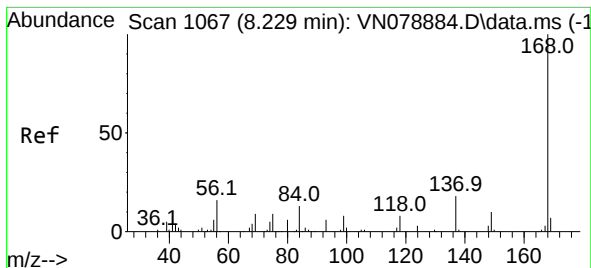
Supervised By :Mahesh
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Dadoda

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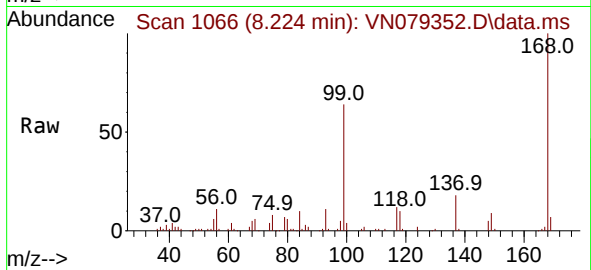
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1067
Delta R.T. -0.006 min
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Tgt Ion:168 Resp: 171874
Ion Ratio Lower Upper
168 100
99 63.8 53.0 79.6

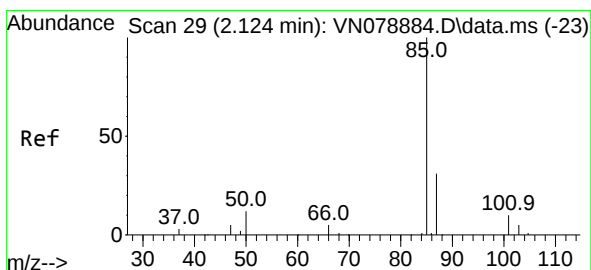
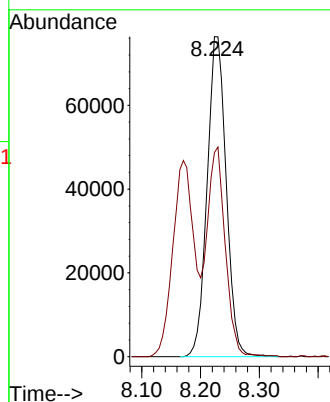
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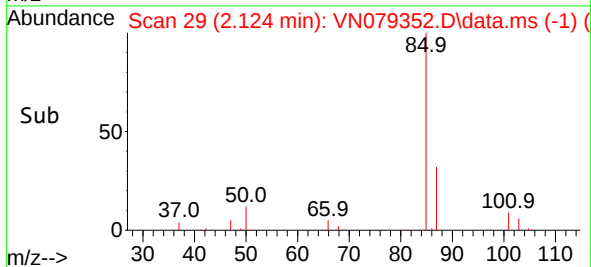
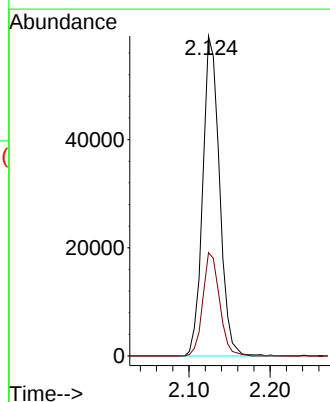
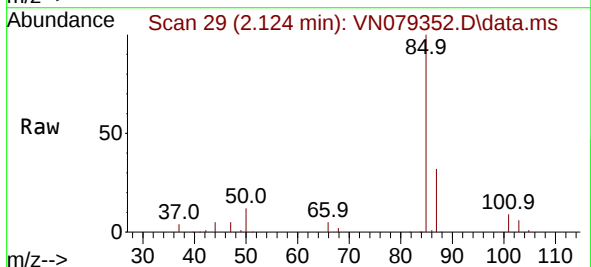
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Supervised By :Mahesh
Dadoda

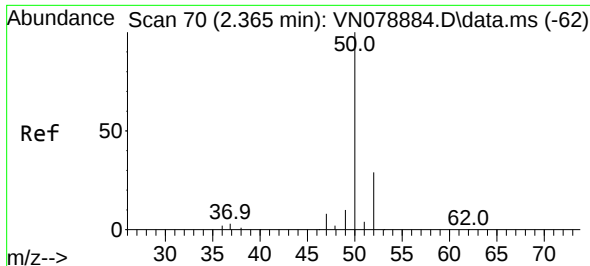
09/27/2023



#2
Dichlorodifluoromethane
Concen: 49.933 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

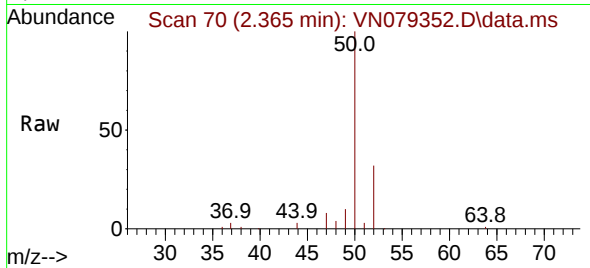
Tgt Ion: 85 Resp: 84916
Ion Ratio Lower Upper
85 100
87 32.3 15.8 47.4





#3
Chloromethane
Concen: 47.807 ug/l
RT: 2.365 min Scan# 70
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



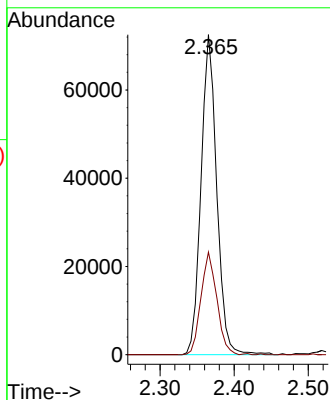
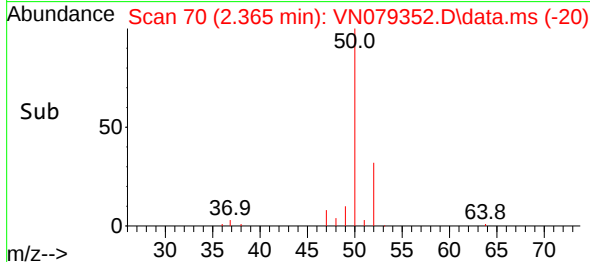
Tgt Ion: 50 Resp: 10672
Ion Ratio Lower Upper
50 100
52 32.1 26.5 39.7

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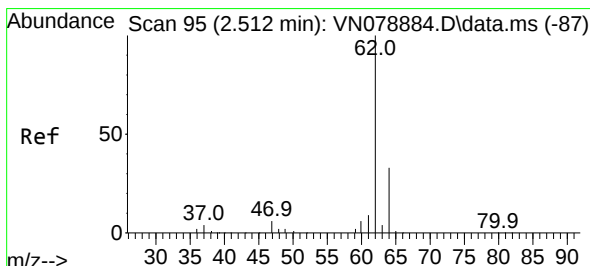
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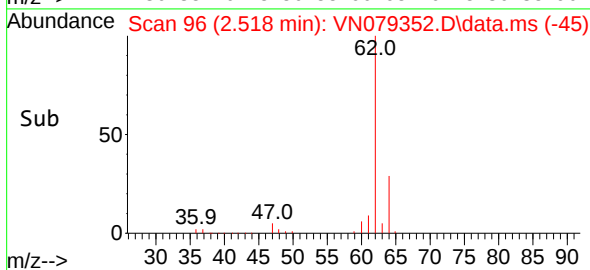
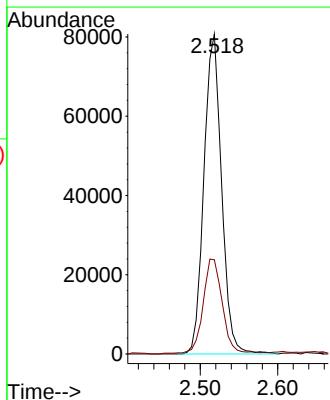
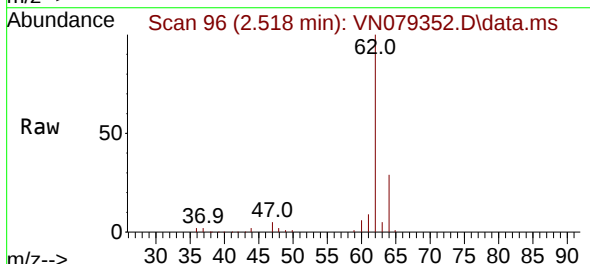


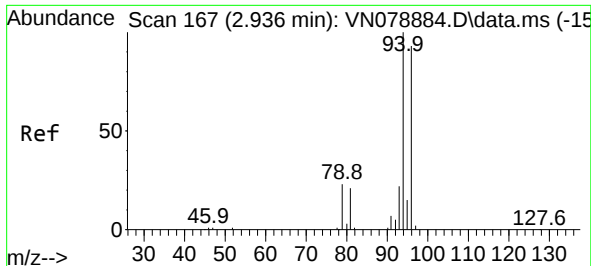
09/27/2023



#4
Vinyl Chloride
Concen: 52.457 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion: 62 Resp: 127602
Ion Ratio Lower Upper
62 100
64 29.1 26.2 39.2





#5
Bromomethane
Concen: 52.868 ug/l
RT: 2.942 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 94 Resp: 7392
Ion Ratio Lower Upper
94 100
96 87.5 73.1 109.7

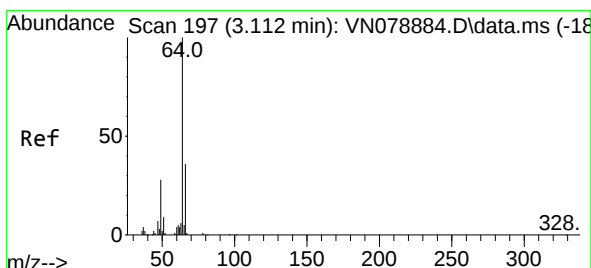
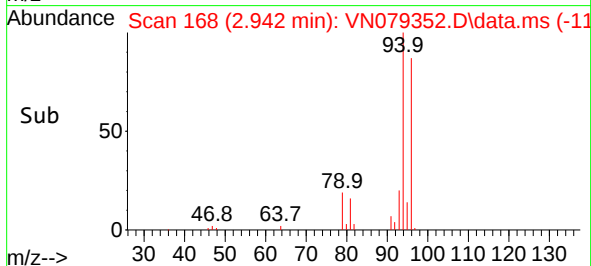
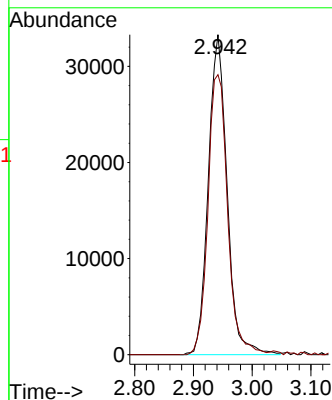
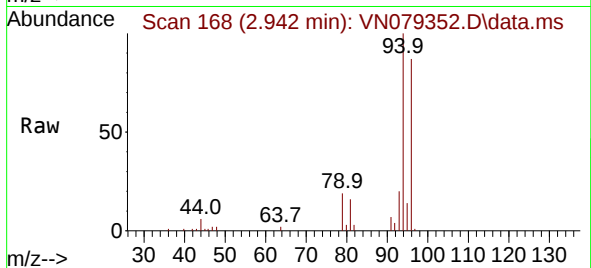
Manual Integrations
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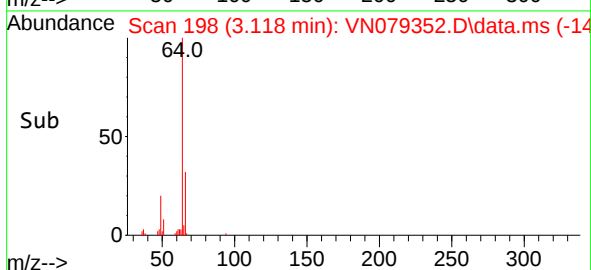
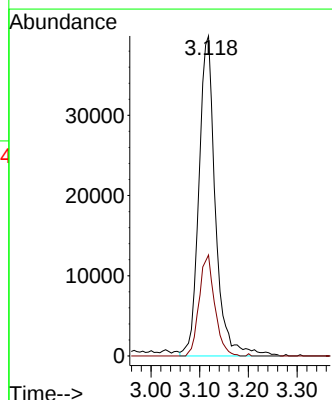
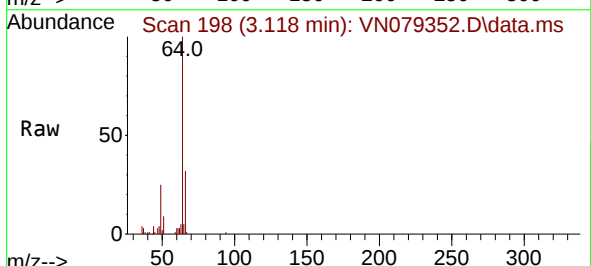
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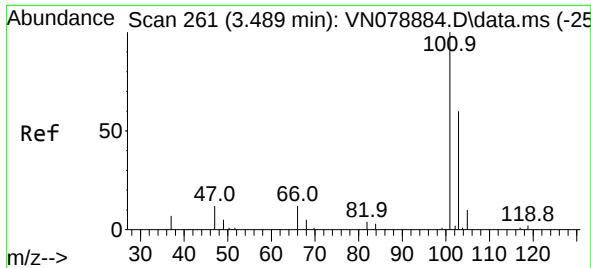
09/27/2023



#6
Chloroethane
Concen: 60.618 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

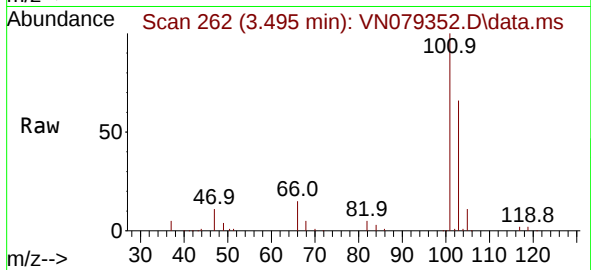
Tgt Ion: 64 Resp: 93989
Ion Ratio Lower Upper
64 100
66 31.5 25.4 38.2





#7
Trichlorofluoromethane
Concen: 51.660 ug/l
RT: 3.495 min Scan# 210
Delta R.T. -0.006 min
Lab File: VN079352.D
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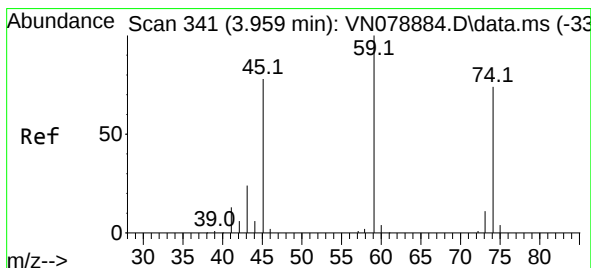
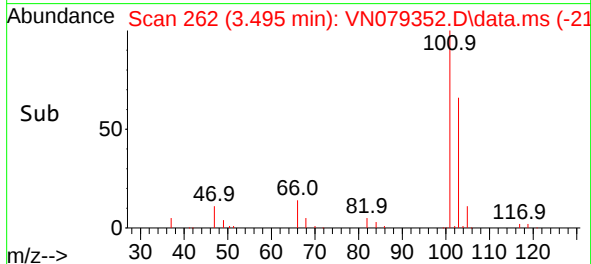
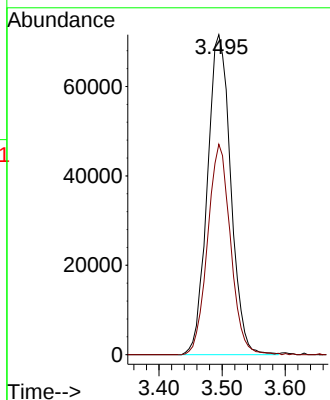
Tgt Ion:101 Resp: 184010
Ion Ratio Lower Upper
101 100
103 65.8 50.7 76.1

Manual Integrations
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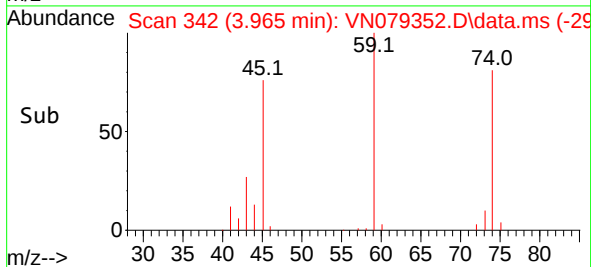
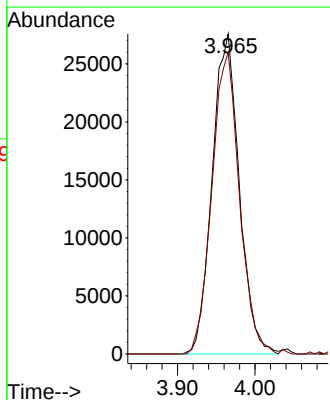
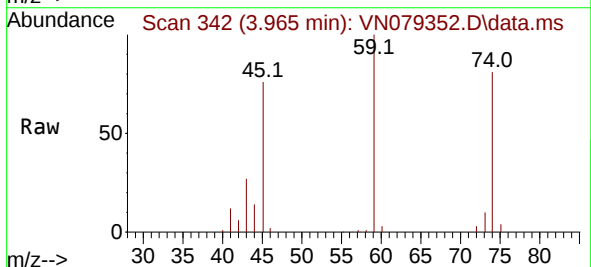
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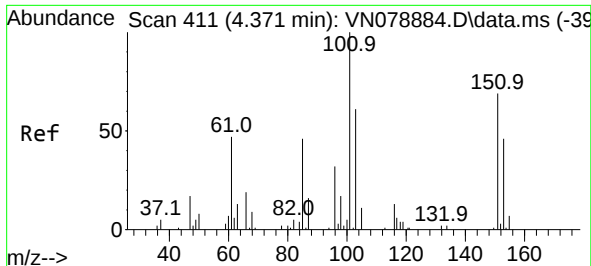
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#8
Diethyl Ether
Concen: 54.190 ug/l
RT: 3.965 min Scan# 342
Delta R.T. -0.006 min
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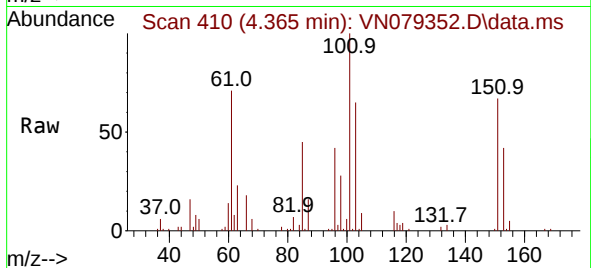
Tgt Ion: 74 Resp: 66996
Ion Ratio Lower Upper
74 100
45 95.7 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.677 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



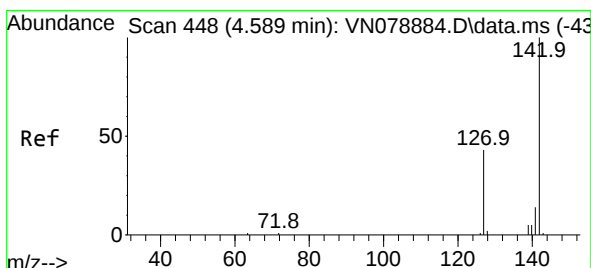
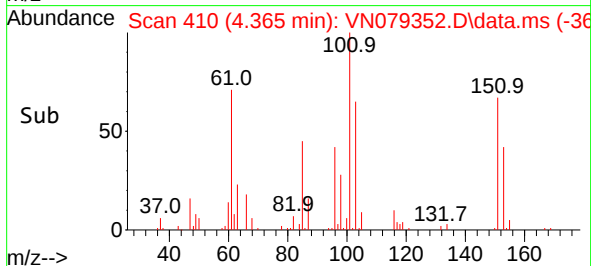
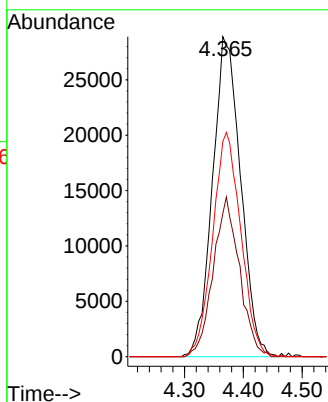
Tgt Ion:101 Resp: 9599
Ion Ratio Lower Upper
101 100
85 46.7 36.6 55.0
151 70.2 57.6 86.4

Manual Integrations
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Reviewed By :John
Carlone

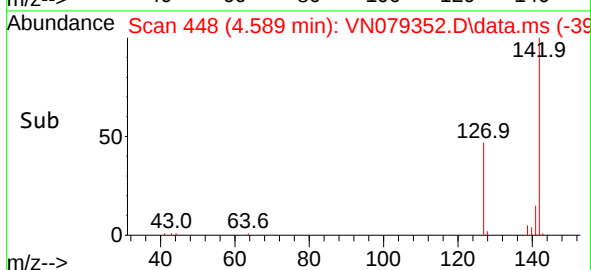
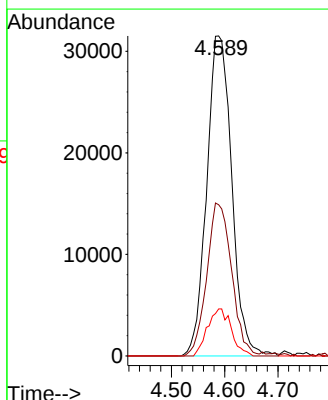
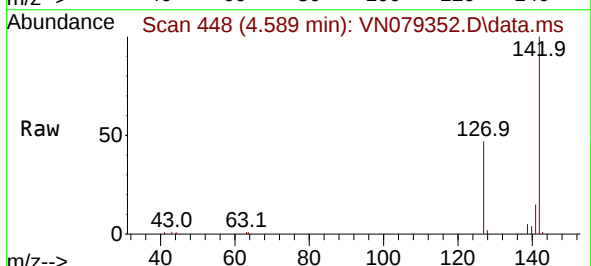
Supervised By :Mahesh
Dadoda
09/27/2023

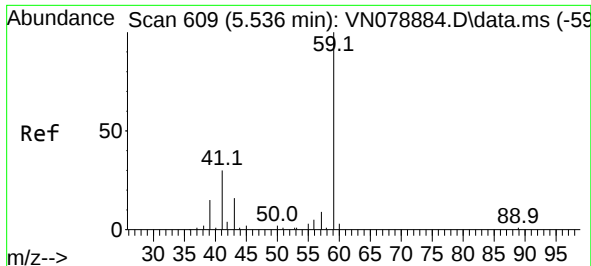
09/27/2023
Supervised By :Mahesh
Dadoda



#10
Methyl Iodide
Concen: 66.435 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.011 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

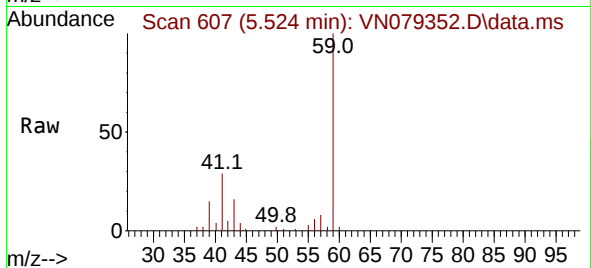
Tgt Ion:142 Resp: 102944
Ion Ratio Lower Upper
142 100
127 47.2 37.6 56.4
141 14.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 202.873 ug/l
RT: 5.524 min Scan# 609
Delta R.T. -0.018 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



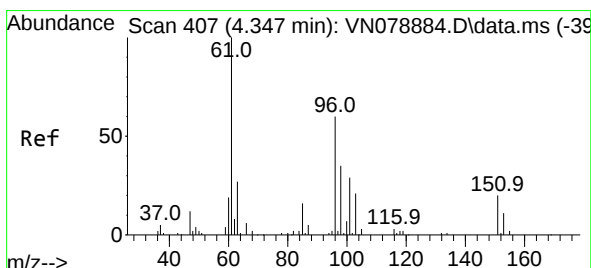
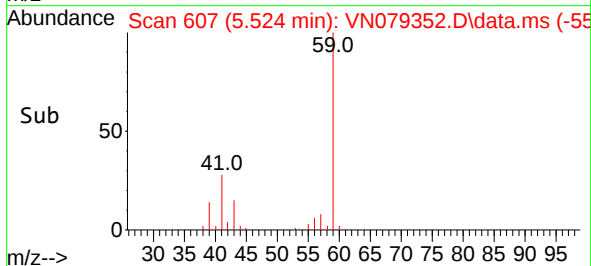
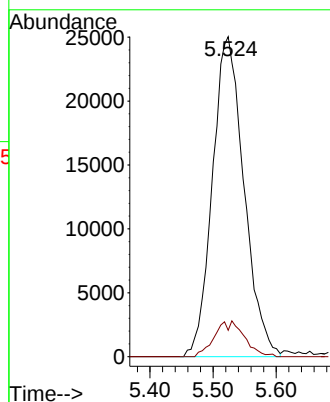
Tgt Ion: 59 Resp: 86900
Ion Ratio Lower Upper
59 100
57 5.3 8.2 12.4

Manual Integrations
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Reviewed By :John
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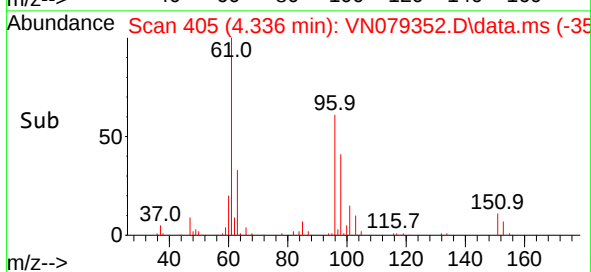
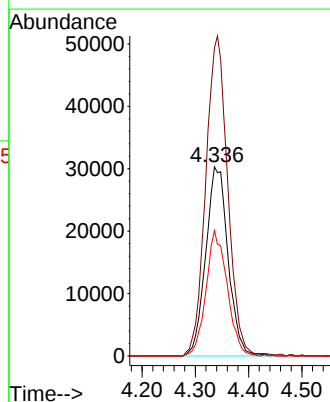
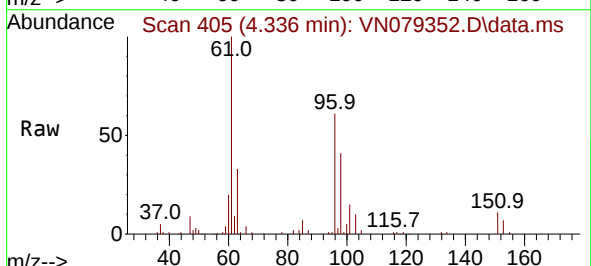
Supervised By :Mahesh
Dadoda
09/27/2023

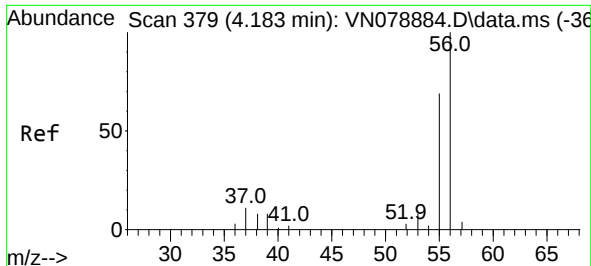
09/27/2023
Supervised By :Mahesh
Dadoda



#12
1,1-Dichloroethene
Concen: 48.139 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion: 96 Resp: 88244
Ion Ratio Lower Upper
96 100
61 162.9 112.7 169.1
98 66.2 51.2 76.8





#13

Acrolein

Concen: 270.044 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.018 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 56 Resp: 110339

Ion Ratio Lower Upper

56 100

55 70.4 54.5 81.7

Manual Integrations

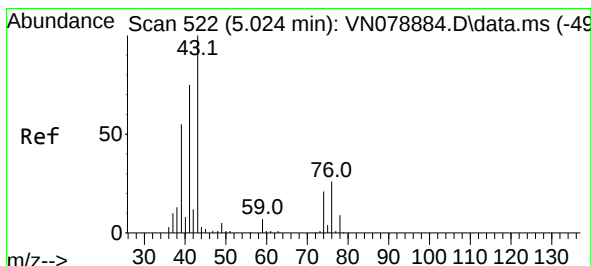
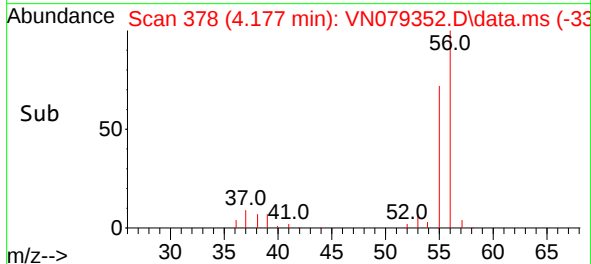
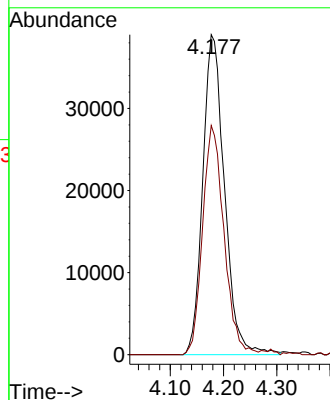
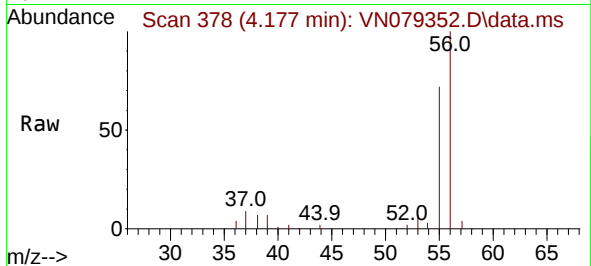
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#14

Allyl chloride

Concen: 47.888 ug/l

RT: 5.024 min Scan# 522

Delta R.T. -0.006 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

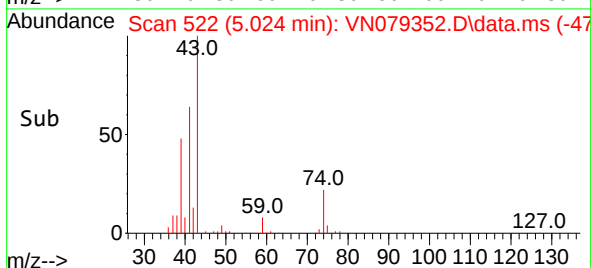
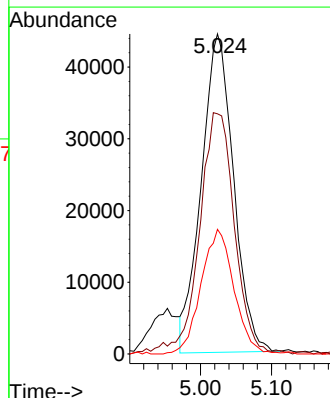
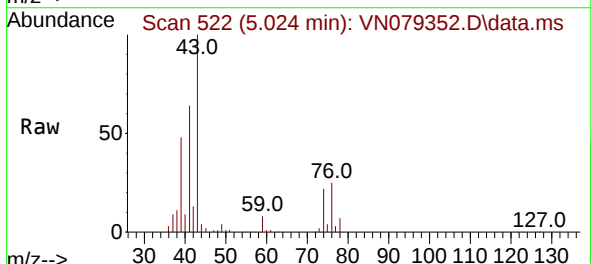
Tgt Ion: 41 Resp: 140035

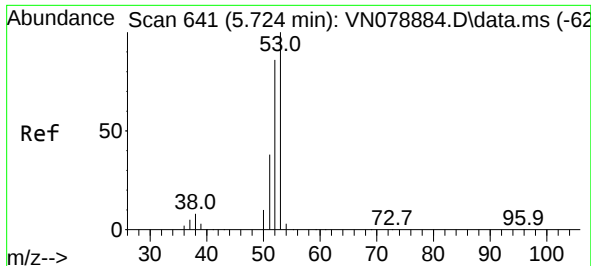
Ion Ratio Lower Upper

41 100

39 82.2 58.8 88.2

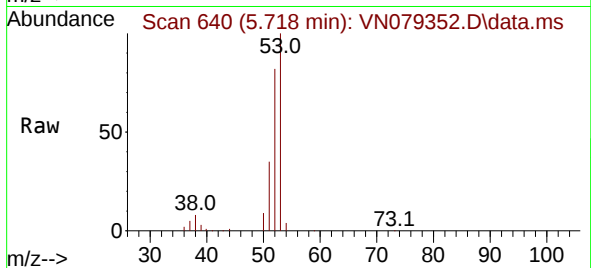
76 39.8 39.1 58.7





#15
Acrylonitrile
Concen: 263.114 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



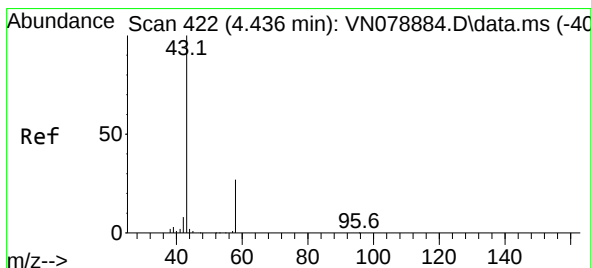
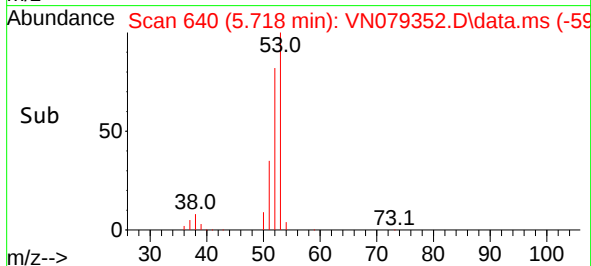
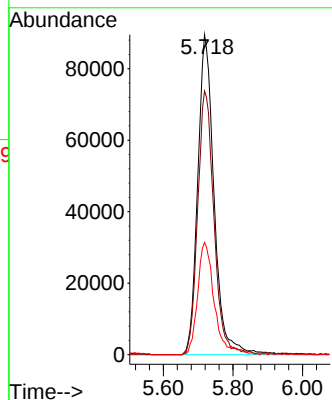
Tgt Ion: 53 Resp: 292238
Ion Ratio Lower Upper
53 100
52 81.9 65.3 97.9
51 35.9 28.9 43.3

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Reviewed By :John
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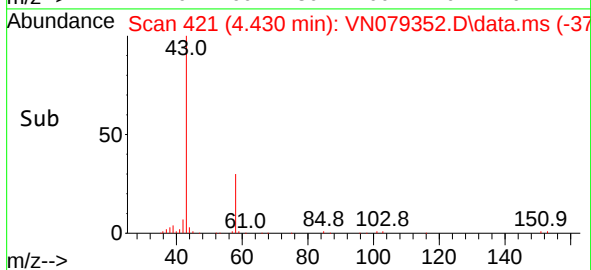
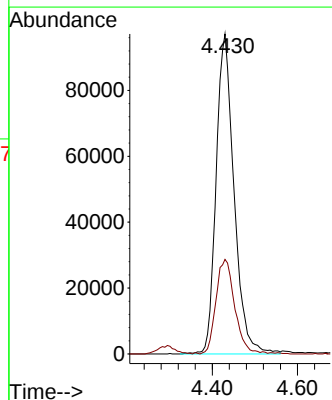
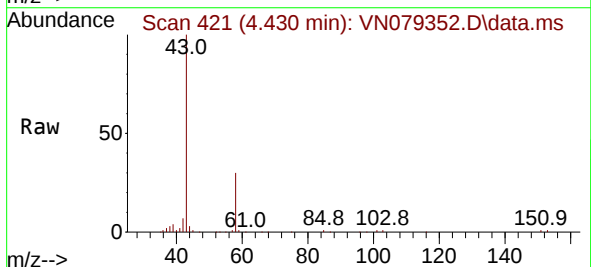
Supervised By :Mahesh
Dadoda
09/27/2023

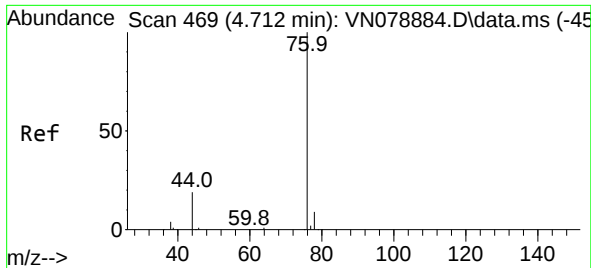
09/27/2023
Supervised By :Mahesh
Dadoda



#16
Acetone
Concen: 287.706 ug/l
RT: 4.430 min Scan# 421
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

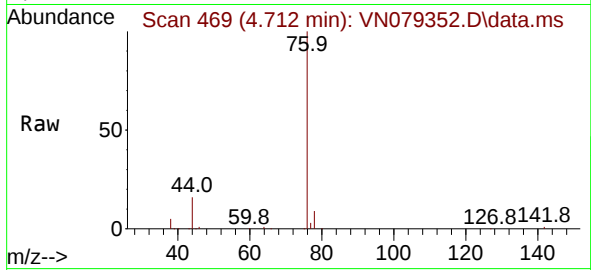
Tgt Ion: 43 Resp: 283498
Ion Ratio Lower Upper
43 100
58 29.2 28.0 42.0





#17
Carbon Disulfide
Concen: 38.161 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



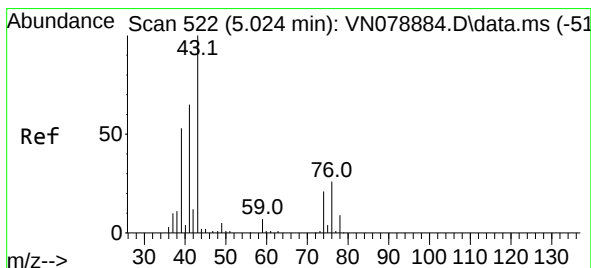
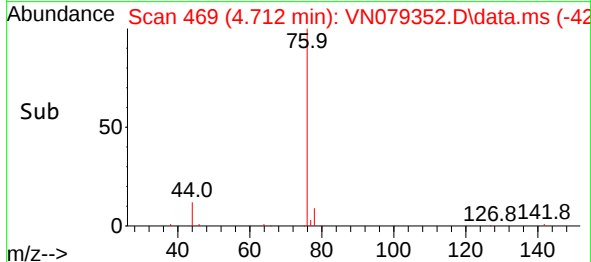
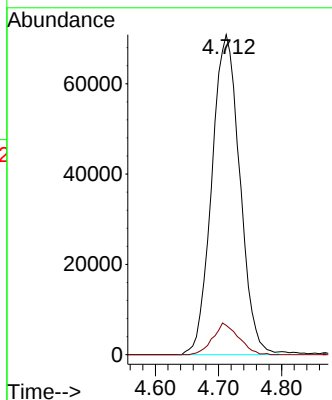
Tgt Ion: 76 Resp: 21863
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0

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Reviewed By :John
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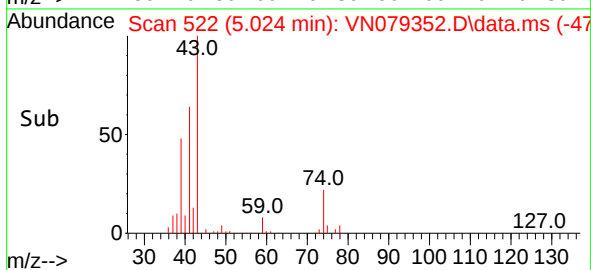
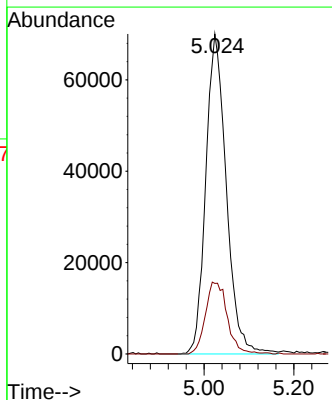
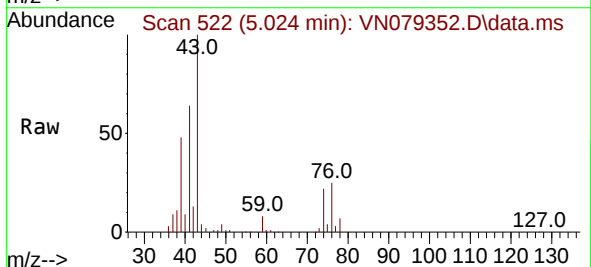
Supervised By :Mahesh
Dadoda
09/27/2023

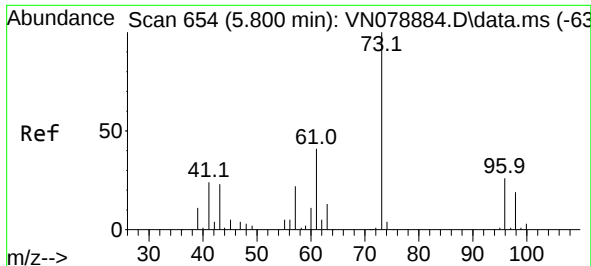
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Supervised By :Mahesh
Dadoda



#18
Methyl Acetate
Concen: 54.889 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.018 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion: 43 Resp: 222289
Ion Ratio Lower Upper
43 100
74 23.8 26.2 39.4#





#19
Methyl tert-butyl Ether
Concen: 53.375 ug/l
RT: 5.794 min Scan# 61
Delta R.T. -0.024 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 73 Resp: 335558
Ion Ratio Lower Upper
73 100
57 22.4 15.6 23.4

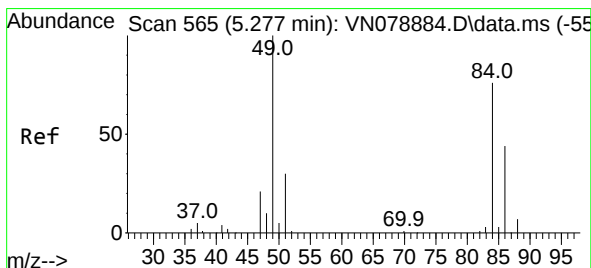
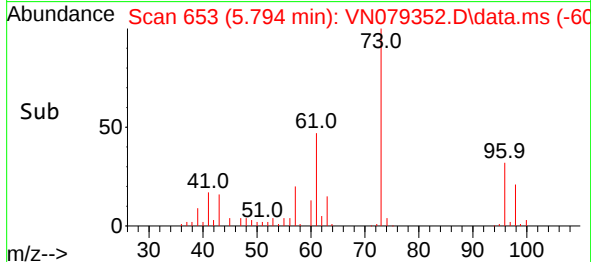
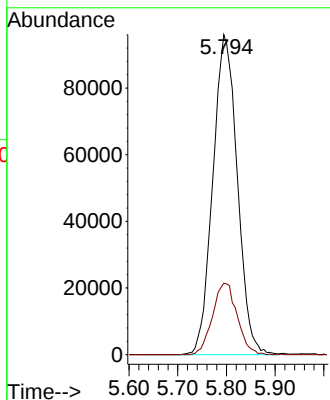
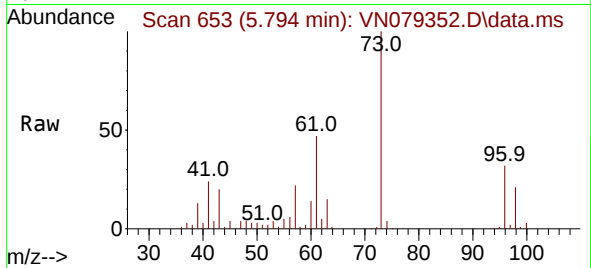
Manual Integrations
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Supervised By :Mahesh
Dadoda
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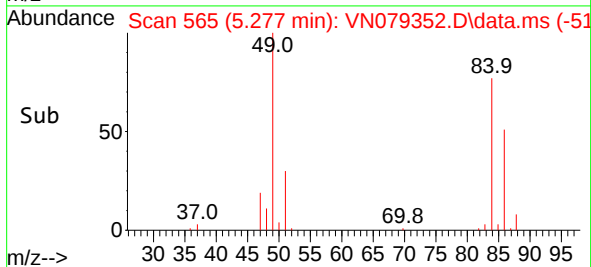
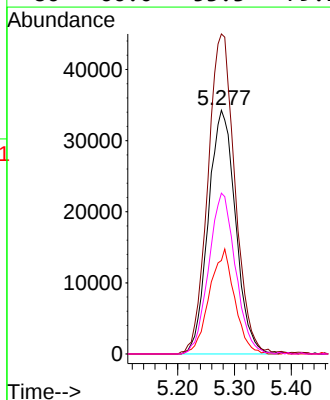
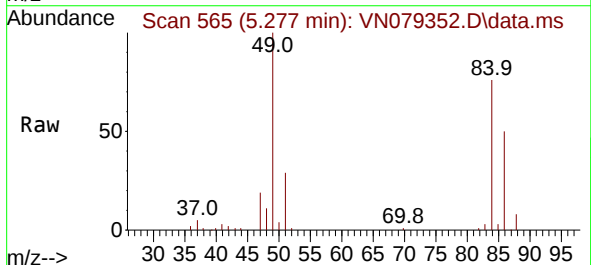
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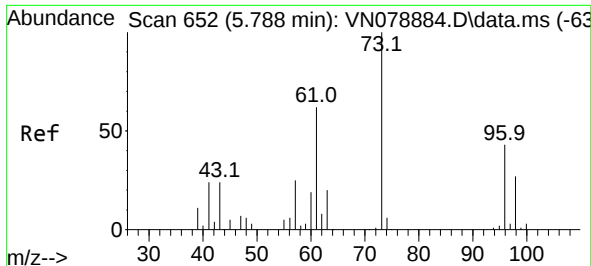
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#20
Methylene Chloride
Concen: 47.576 ug/l
RT: 5.277 min Scan# 565
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

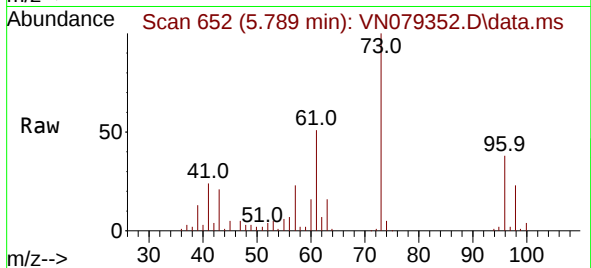
Tgt Ion: 84 Resp: 114083
Ion Ratio Lower Upper
84 100
49 131.3 79.7 119.5#
51 38.4 25.2 37.8#
86 66.0 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 47.930 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



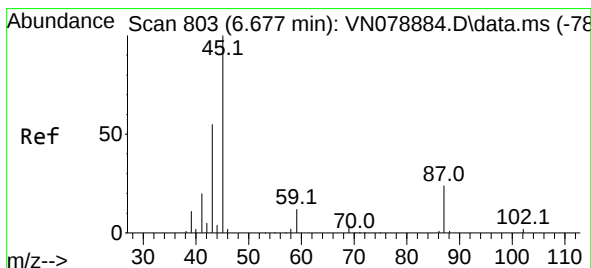
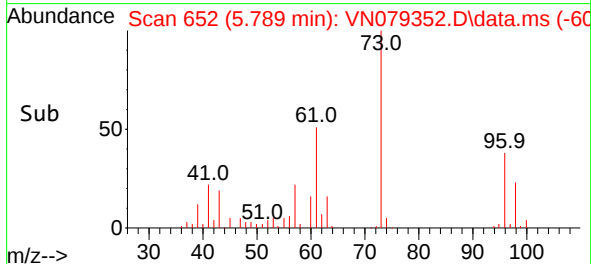
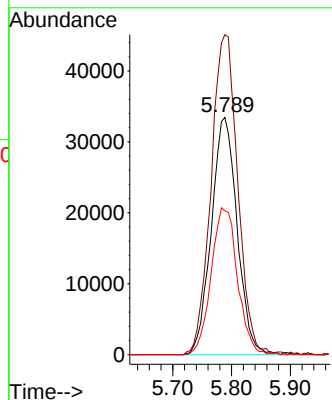
Tgt Ion: 96 Resp: 10192
Ion Ratio Lower Upper
96 100
61 134.8 90.1 135.1
98 60.7 46.4 69.6

Manual Integrations
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Reviewed By :John
Carlone

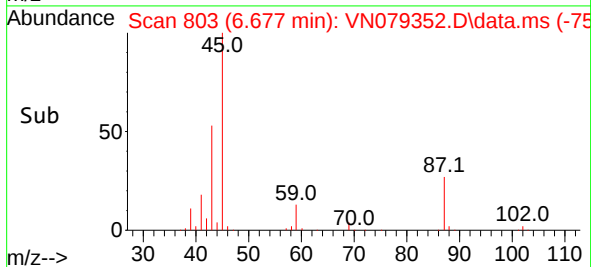
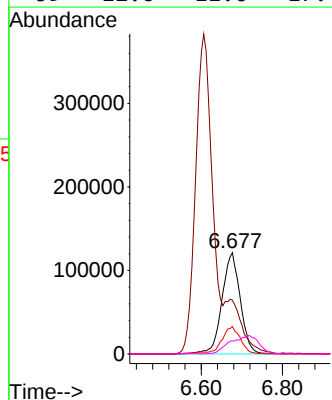
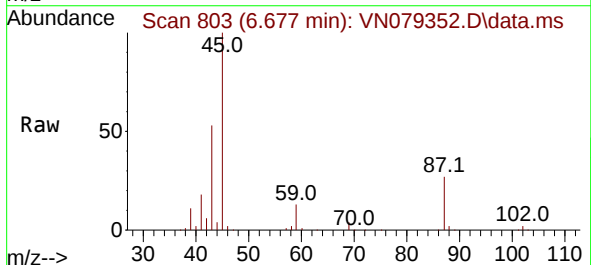
Supervised By :Mahesh
Dadoda
09/27/2023

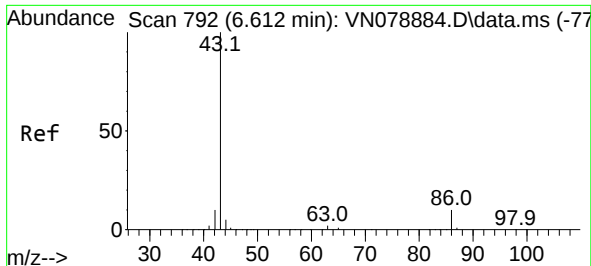
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Supervised By :Mahesh
Dadoda



#22
Diisopropyl ether
Concen: 59.234 ug/l
RT: 6.677 min Scan# 803
Delta R.T. -0.012 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

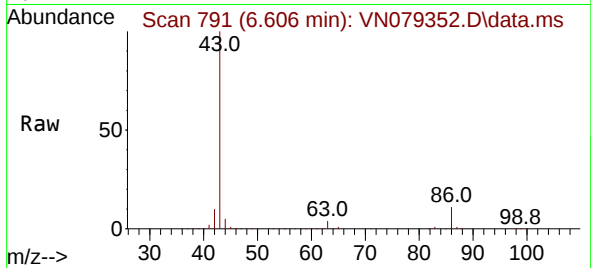
Tgt Ion: 45 Resp: 380053
Ion Ratio Lower Upper
45 100
43 52.7 45.5 68.3
87 26.9 31.8 47.8#
59 12.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 277.142 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. -0.006 min
 Lab File: VN079352.D
 Acq: 26 Sep 2023 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



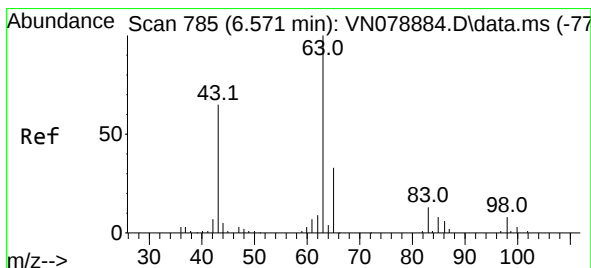
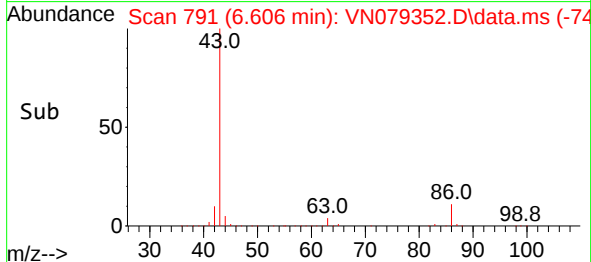
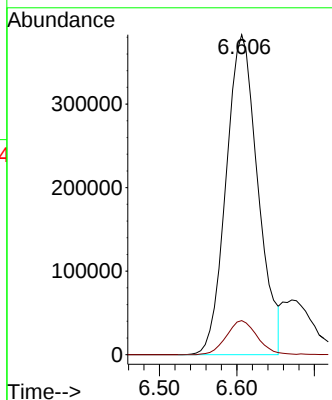
Tgt Ion: 43 Resp: 1093720
 Ion Ratio Lower Upper
 43 100
 86 10.6 13.0 19.6

Manual Integrations
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Reviewed By :John
 Carlone

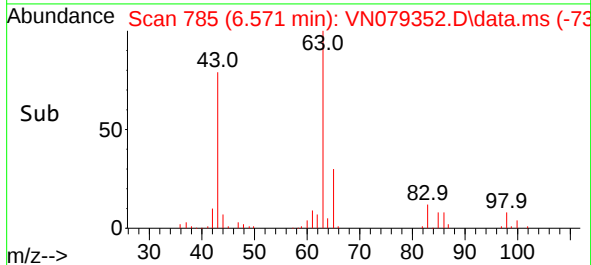
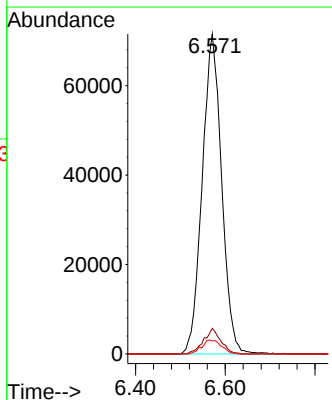
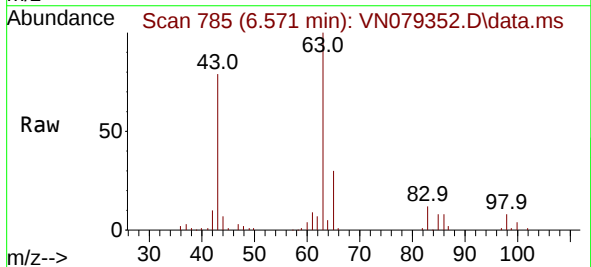
Supervised By :Mahesh
 Dadoda
 09/27/2023

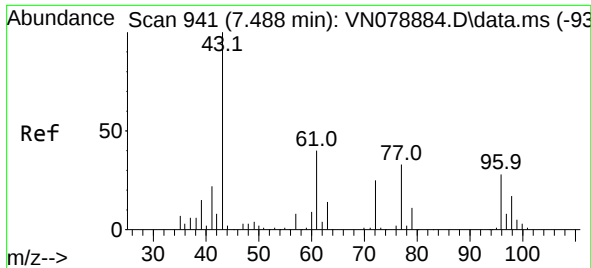
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 Supervised By :Mahesh
 Dadoda



#24
 1,1-Dichloroethane
 Concen: 54.338 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. -0.006 min
 Lab File: VN079352.D
 Acq: 26 Sep 2023 16:26

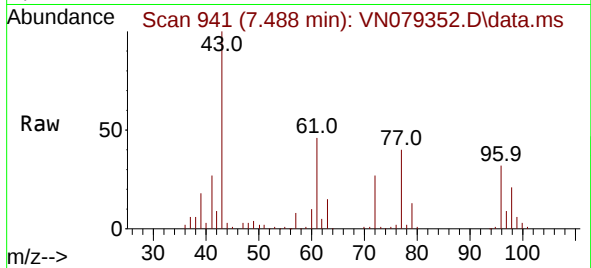
Tgt Ion: 63 Resp: 214921
 Ion Ratio Lower Upper
 63 100
 98 8.0 3.9 11.7
 100 4.0 2.5 7.4





#25
2-Butanone
Concen: 278.947 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



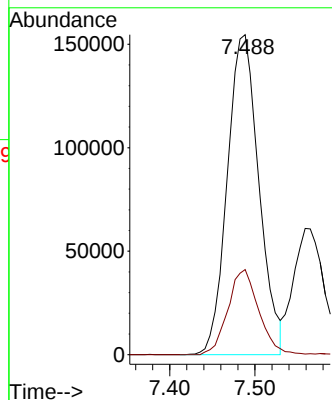
Tgt Ion: 43 Resp: 398812
Ion Ratio Lower Upper
43 100
72 26.6 30.2 45.2

Manual Integrations
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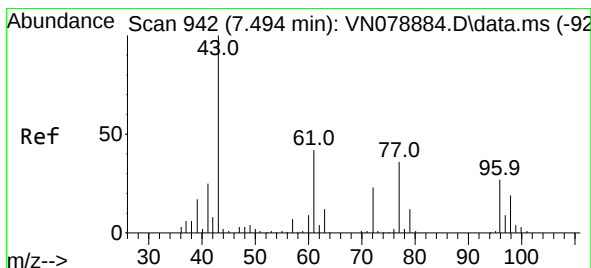
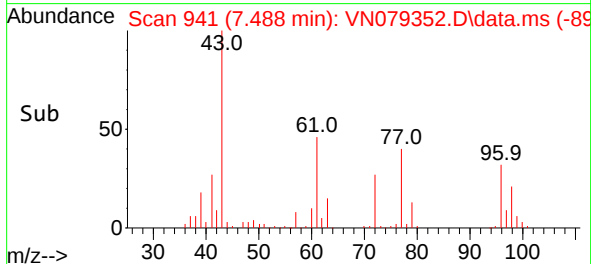
Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

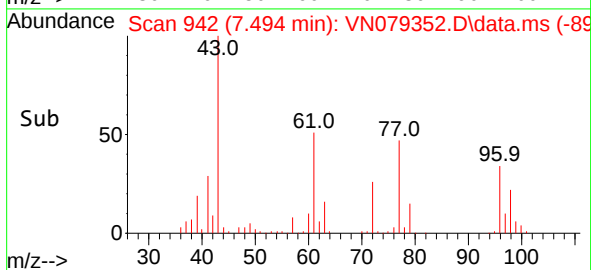
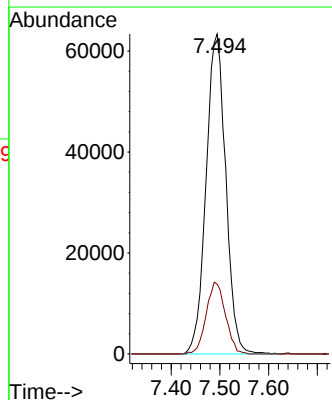
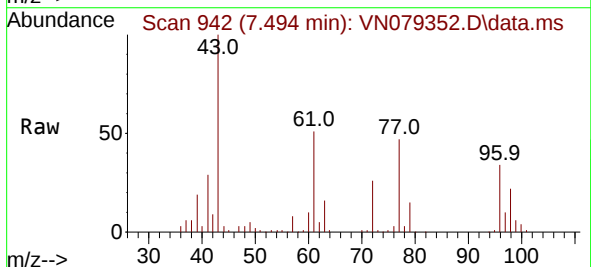


09/27/2023



#26
2,2-Dichloropropane
Concen: 54.673 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion: 77 Resp: 177455
Ion Ratio Lower Upper
77 100
97 21.9 11.2 33.6





#27

cis-1,2-Dichloroethene

Concen: 51.992 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.012 min

Lab File: VN079352.D

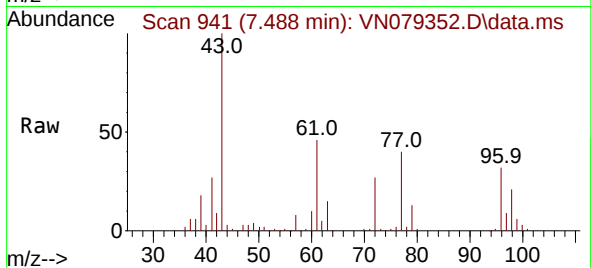
Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



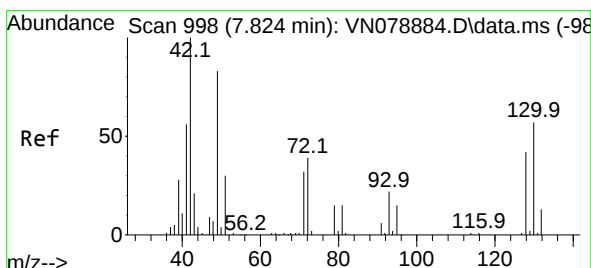
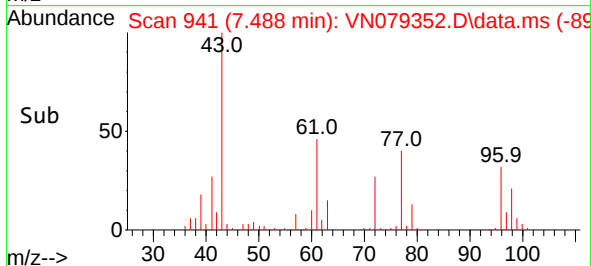
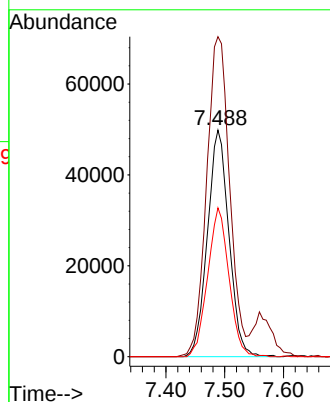
Tgt Ion:	96	Resp:	126419
Ion	Ratio	Lower	Upper
96	100		
61	150.6	0.0	255.2
98	65.3	0.0	128.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda



#28

Bromochloromethane

Concen: 55.714 ug/l

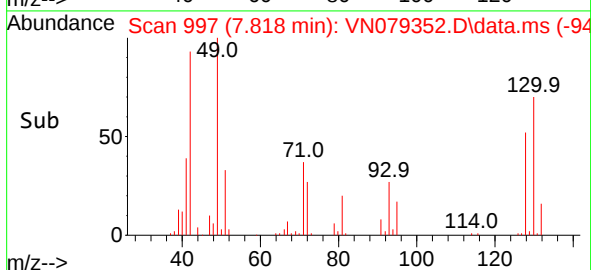
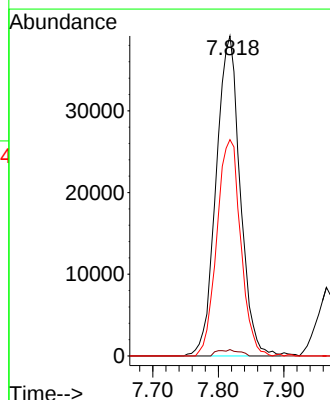
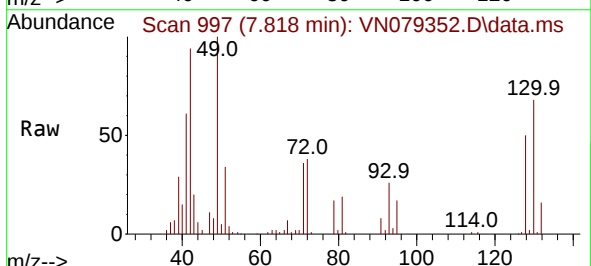
RT: 7.818 min Scan# 997

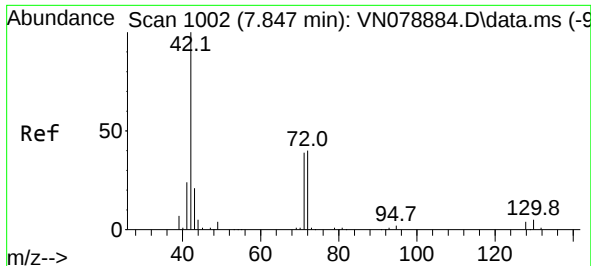
Delta R.T. -0.006 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Tgt Ion:	49	Resp:	99633
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	67.0	75.3	112.9





#29

Tetrahydrofuran

Concen: 275.354 ug/l

RT: 7.841 min Scan# 1002

Delta R.T. -0.006 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 250520

Ion	Ratio	Lower	Upper
42	100		
72	43.1	49.8	74.6
71	40.0	47.4	71.2

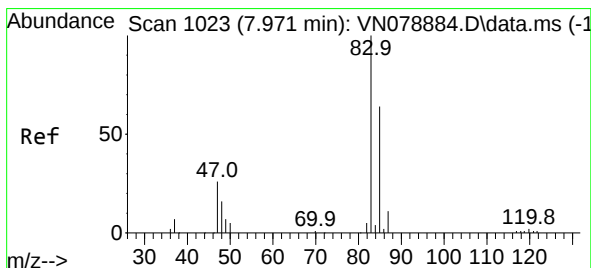
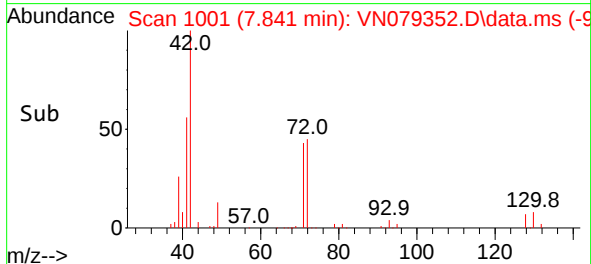
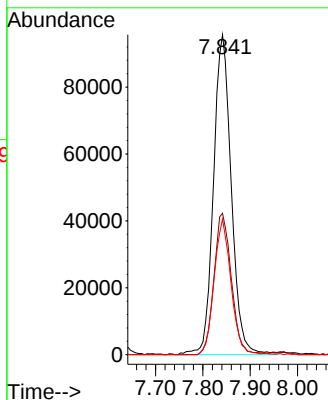
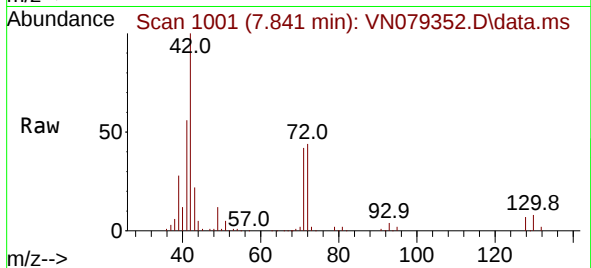
Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#30

Chloroform

Concen: 54.656 ug/l

RT: 7.965 min Scan# 1022

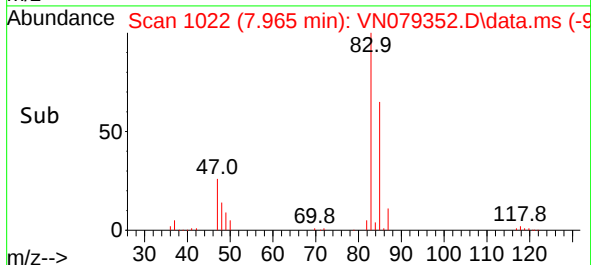
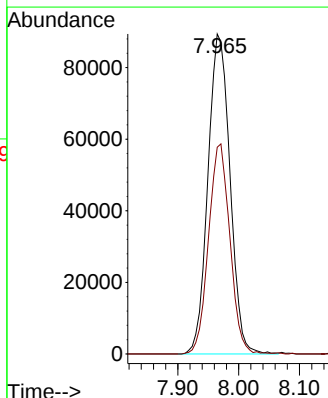
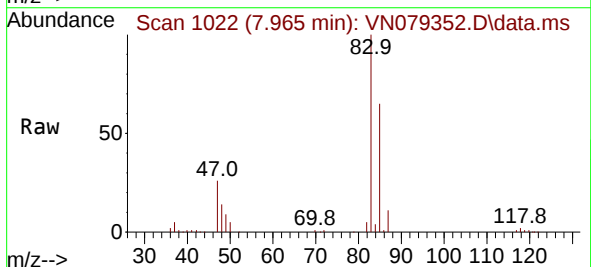
Delta R.T. -0.012 min

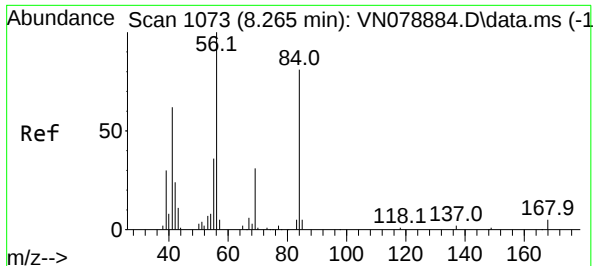
Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Tgt Ion: 83 Resp: 225076

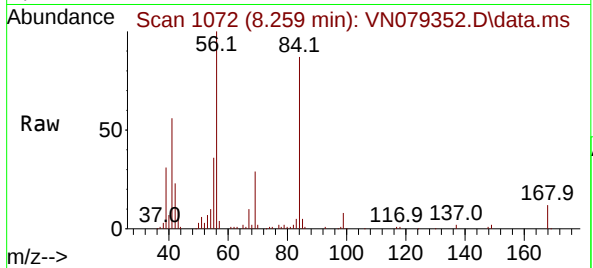
Ion	Ratio	Lower	Upper
83	100		
85	64.6	55.4	83.0





#31
Cyclohexane
Concen: 48.739 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



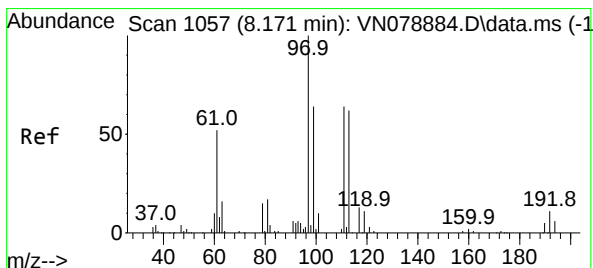
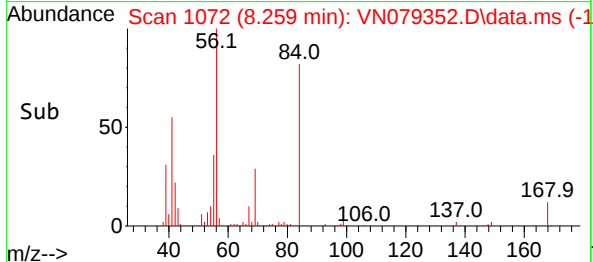
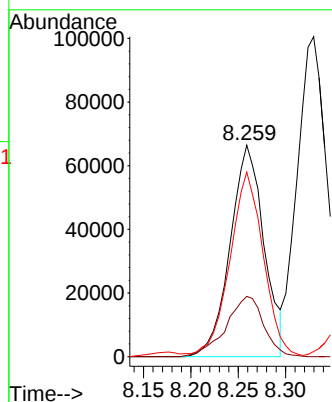
Tgt Ion: 56 Resp: 165114
Ion Ratio Lower Upper
56 100
69 28.5 26.8 40.2
84 86.0 81.8 122.6

Manual Integrations
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Reviewed By :John
Carlone

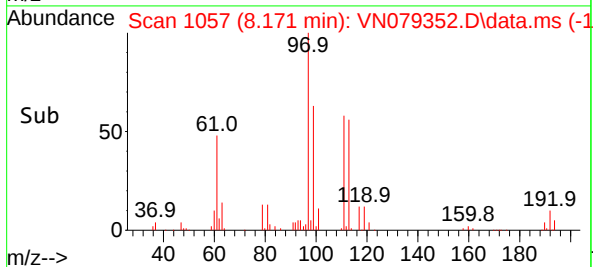
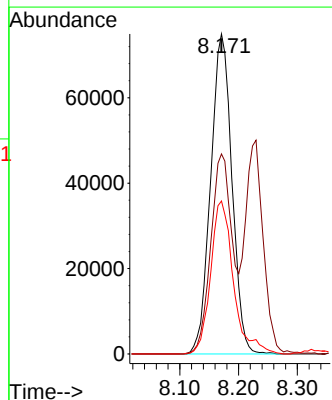
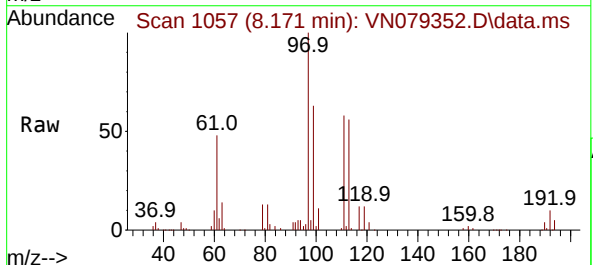
Supervised By :Mahesh
Dadoda
09/27/2023

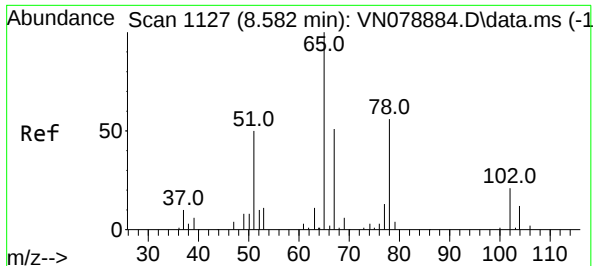
09/27/2023
Supervised By :Mahesh
Dadoda



#32
1,1,1-Trichloroethane
Concen: 53.620 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

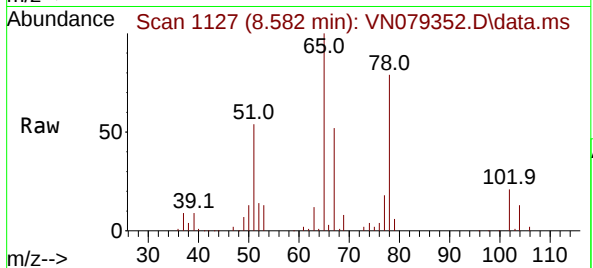
Tgt Ion: 97 Resp: 188227
Ion Ratio Lower Upper
97 100
99 63.2 50.3 75.5
61 51.4 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 54.468 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.001 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



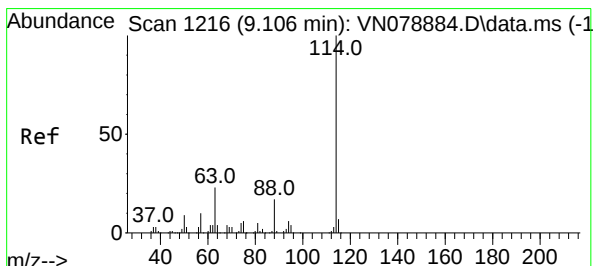
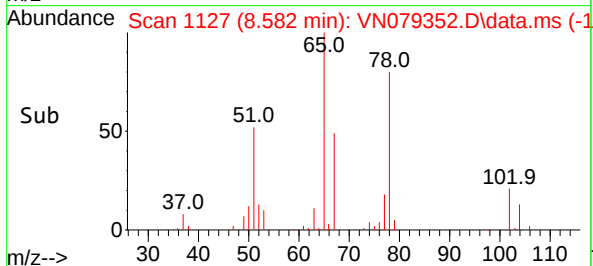
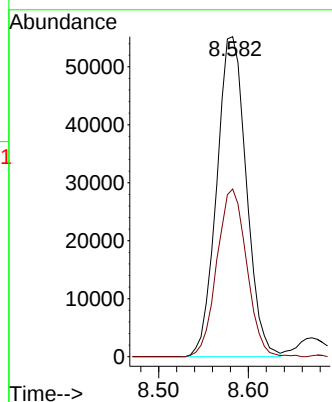
Tgt Ion: 65 Resp: 126372
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

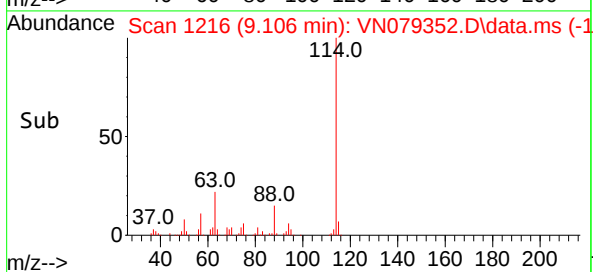
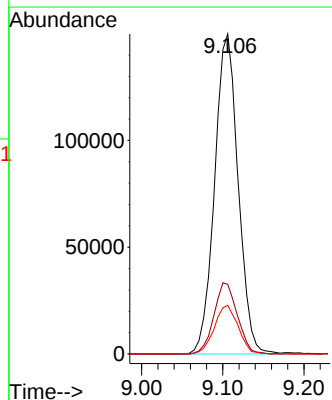
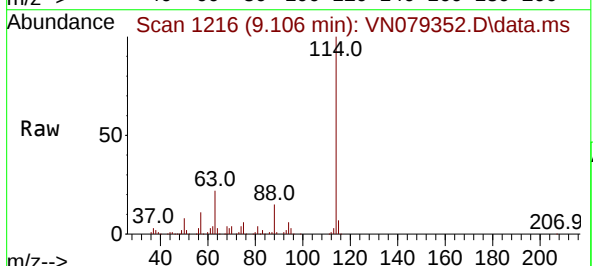
Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:114 Resp: 301680
Ion Ratio Lower Upper
114 100
63 21.8 0.0 36.4
88 15.2 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.204 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 113 Resp: 100740

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.6	123.8
192	17.7	12.7	19.1

Manual Integrations

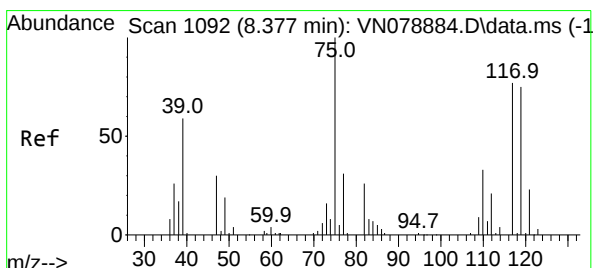
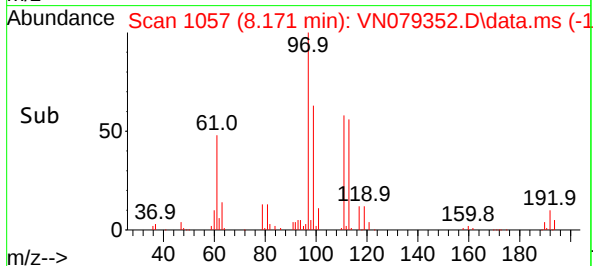
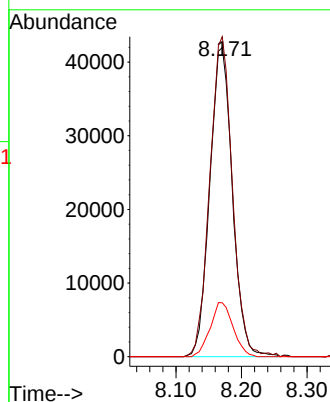
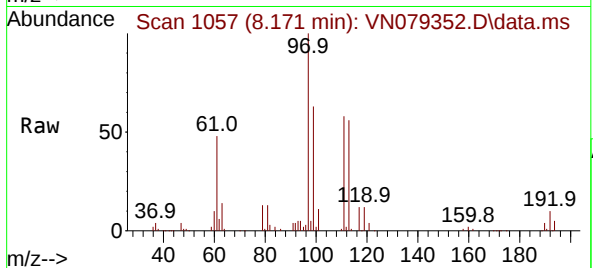
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#36

1,1-Dichloropropene

Concen: 50.328 ug/l

RT: 8.377 min Scan# 1092

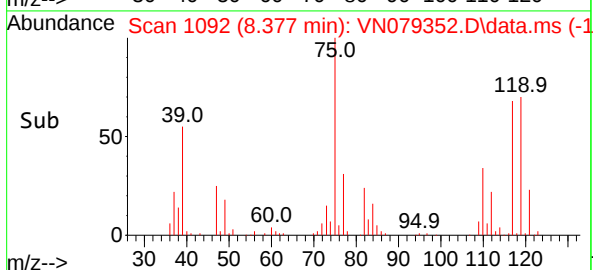
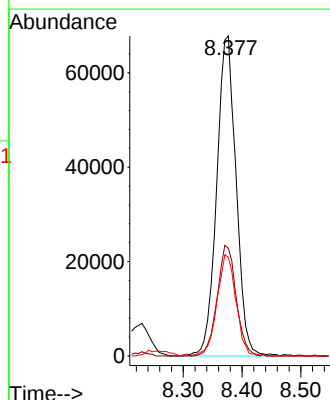
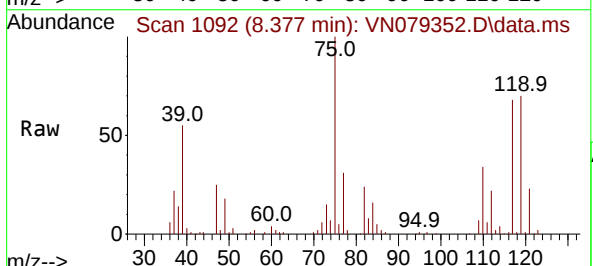
Delta R.T. -0.000 min

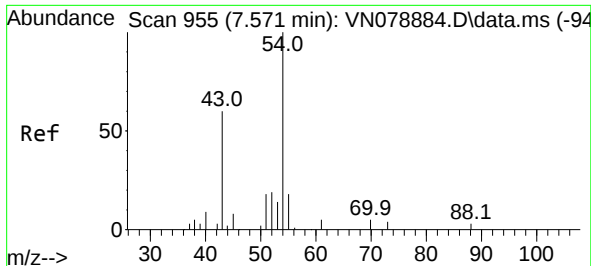
Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Tgt Ion: 75 Resp: 155670

Ion	Ratio	Lower	Upper
75	100		
110	33.8	19.1	57.3
77	30.9	25.0	37.4





#37

Ethyl Acetate

Concen: 51.298 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.012 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 15826

Ion	Ratio	Lower	Upper
43	100		
61	13.1	13.2	19.8
70	9.0	11.3	16.9

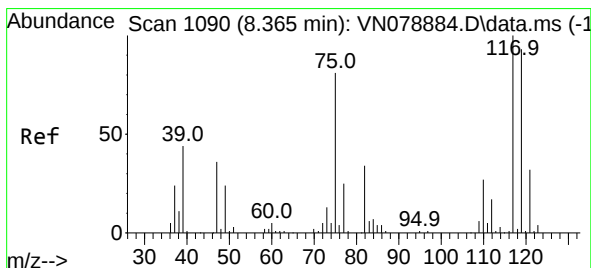
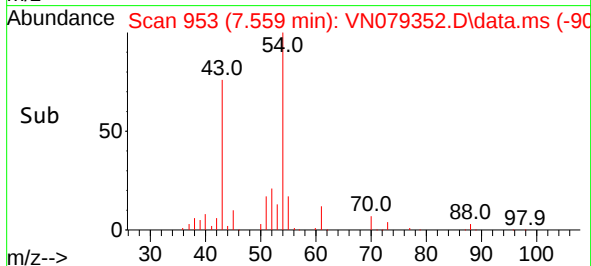
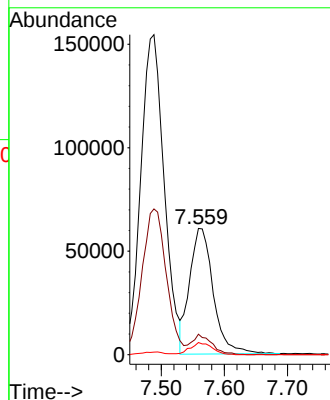
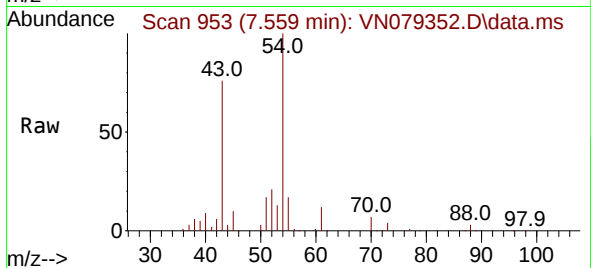
Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#38

Carbon Tetrachloride

Concen: 49.232 ug/l

RT: 8.365 min Scan# 1090

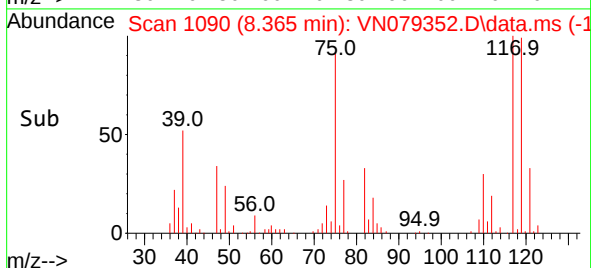
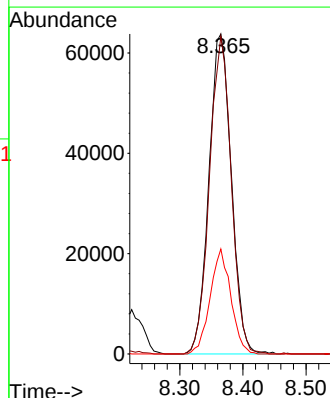
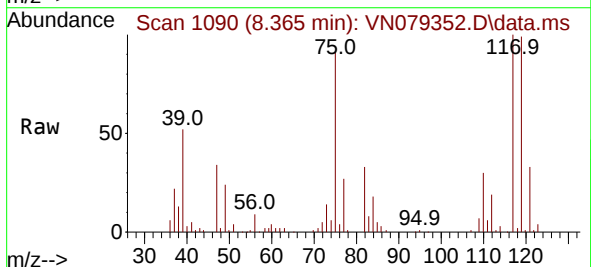
Delta R.T. -0.006 min

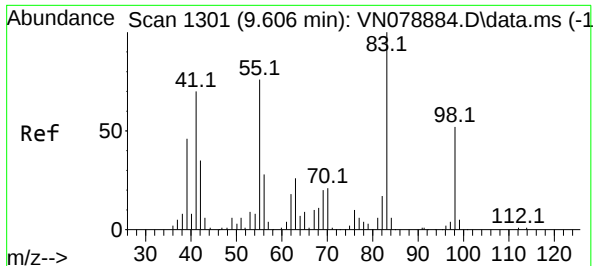
Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Tgt Ion:117 Resp: 157584

Ion	Ratio	Lower	Upper
117	100		
119	99.2	77.3	115.9
121	32.8	23.3	34.9





#39

Methylcyclohexane

Concen: 49.997 ug/l

RT: 9.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion: 83 Resp: 15254

Ion	Ratio	Lower	Upper
83	100		
55	82.5	49.1	73.7
98	46.8	40.6	61.0

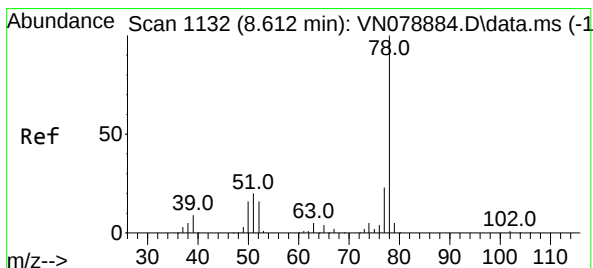
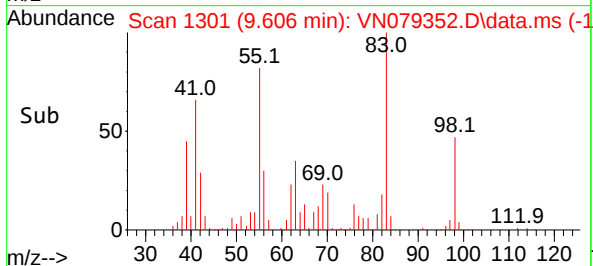
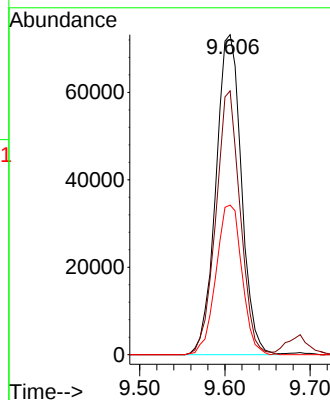
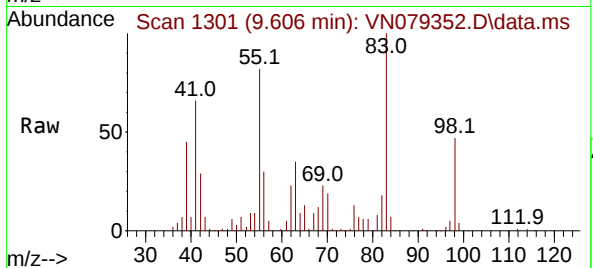
Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#40

Benzene

Concen: 49.893 ug/l

RT: 8.606 min Scan# 1131

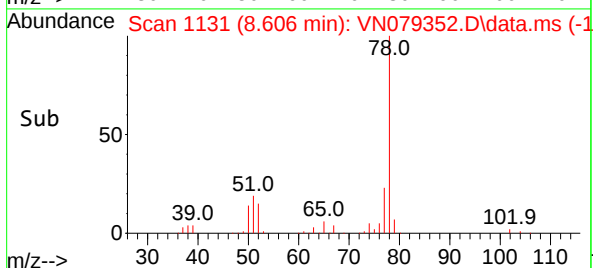
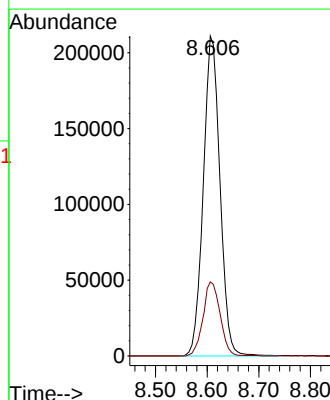
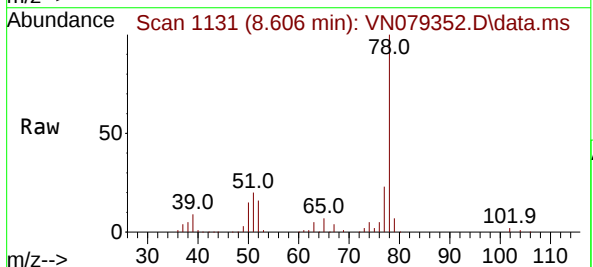
Delta R.T. -0.006 min

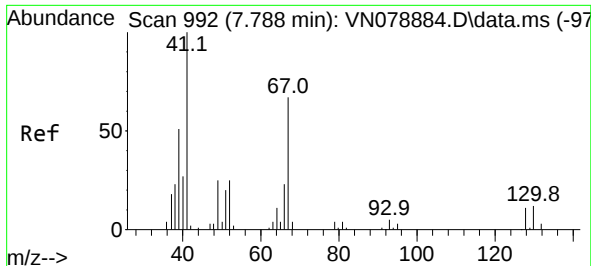
Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Tgt Ion: 78 Resp: 472421

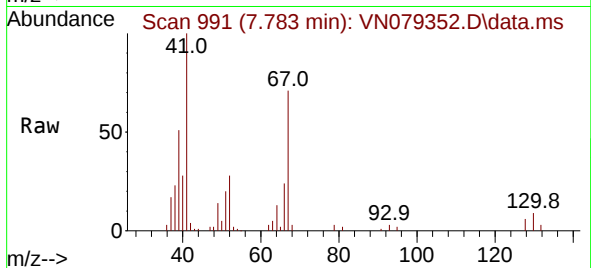
Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.0	28.6





#41
Methacrylonitrile
Concen: 58.174 ug/l
RT: 7.783 min Scan# 90492
Delta R.T. -0.011 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
Client Sample Id :
VSTDCCC050EC



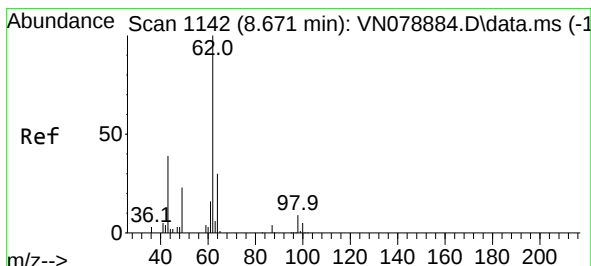
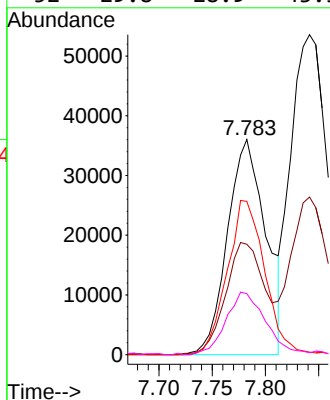
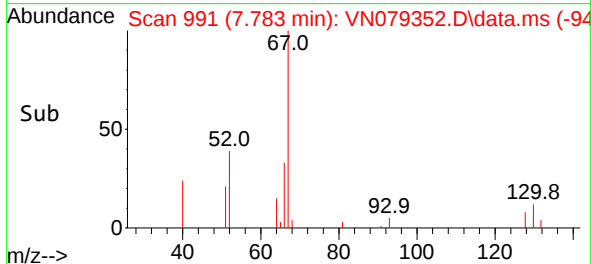
Tgt Ion:	41	Resp:	90492
Ion Ratio	100	Lower	Upper
39	51.5	42.6	64.0
67	70.2	77.5	116.3
52	29.8	28.9	43.3

Manual Integrations
APPROVED

Reviewed By :John
Carlone

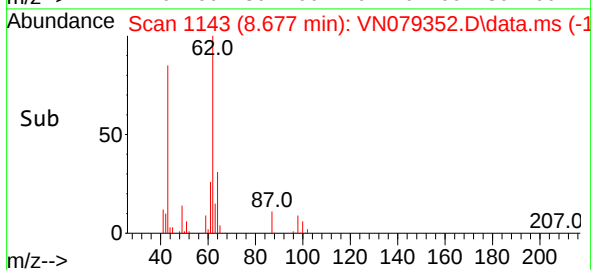
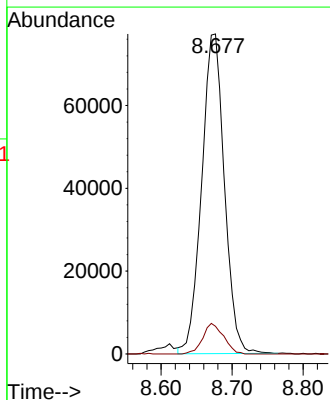
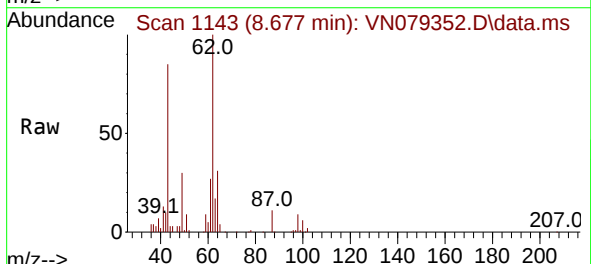
Supervised By :Mahesh
Dadoda
09/27/2023

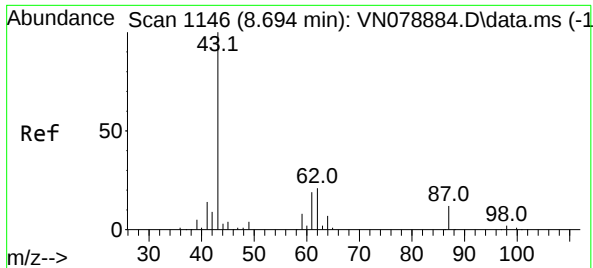
09/27/2023
Supervised By :Mahesh
Dadoda



#42
1,2-Dichloroethane
Concen: 52.688 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

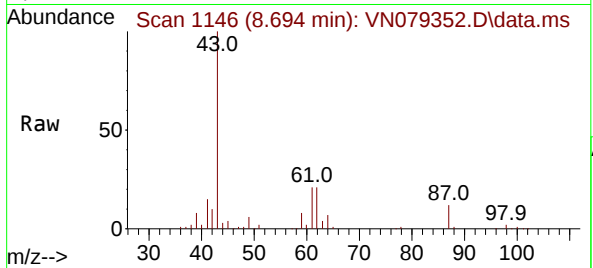
Tgt Ion:	62	Resp:	171749
Ion Ratio	100	Lower	Upper
98	8.8	0.0	19.8





#43
Isopropyl Acetate
Concen: 52.739 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



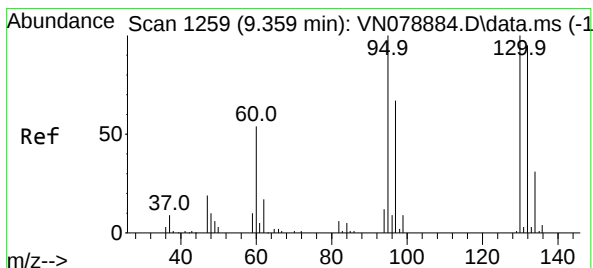
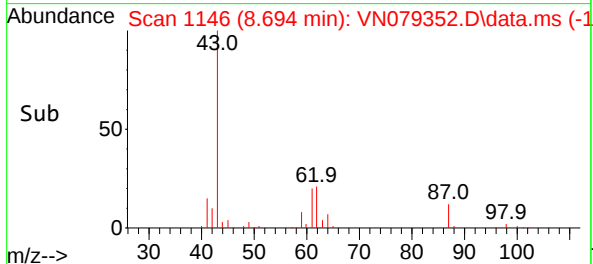
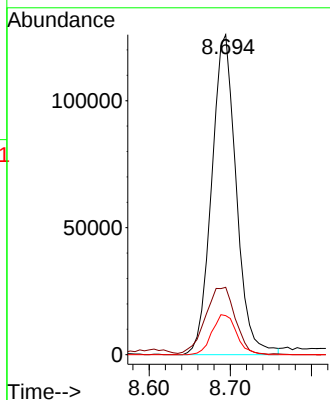
Tgt Ion: 43 Resp: 265485
Ion Ratio Lower Upper
43 100
61 25.3 24.7 37.1
87 12.5 14.6 21.8

Manual Integrations
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Reviewed By :John
Carlone

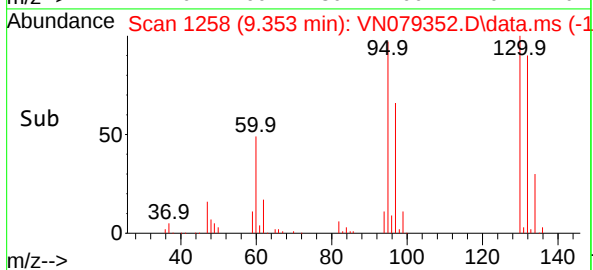
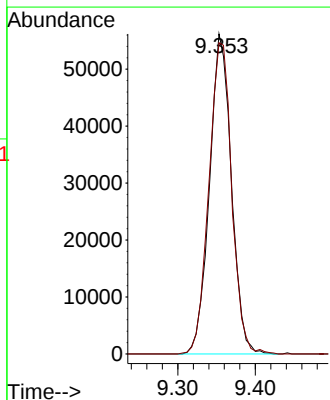
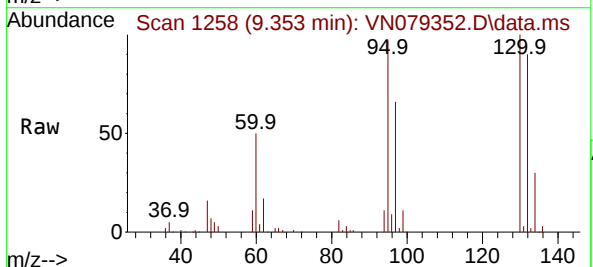
Supervised By :Mahesh
Dadoda
09/27/2023

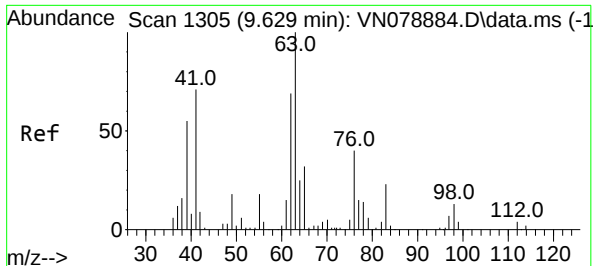
09/27/2023
Supervised By :Mahesh
Dadoda



#44
Trichloroethene
Concen: 47.183 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:130 Resp: 110058
Ion Ratio Lower Upper
130 100
95 97.3 0.0 204.6





#45

1,2-Dichloropropane

Concen: 54.917 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 129052

Ion Ratio Lower Upper

63 100

65 31.3 23.9 35.9

Manual Integrations

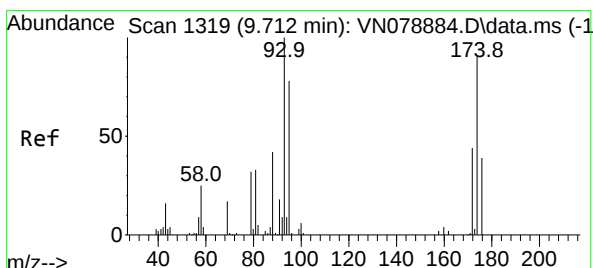
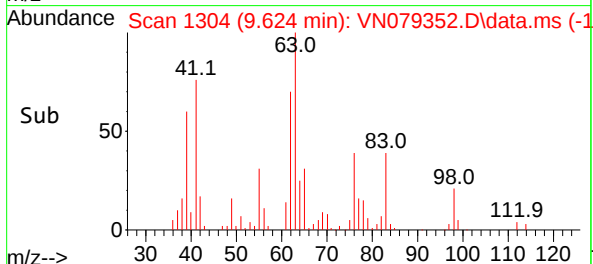
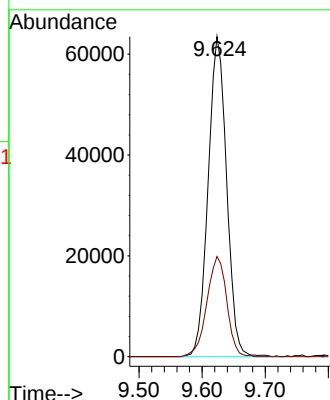
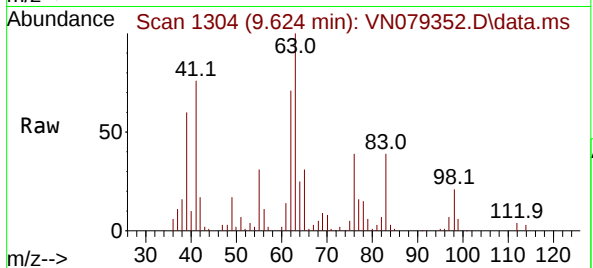
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#46

Dibromomethane

Concen: 52.427 ug/l

RT: 9.712 min Scan# 1319

Delta R.T. -0.000 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

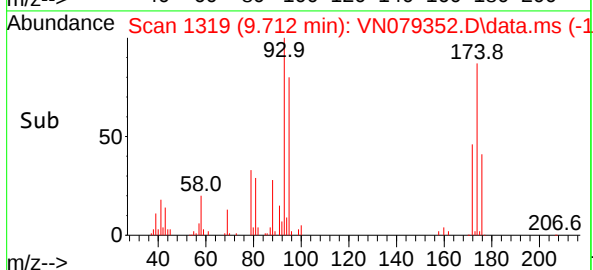
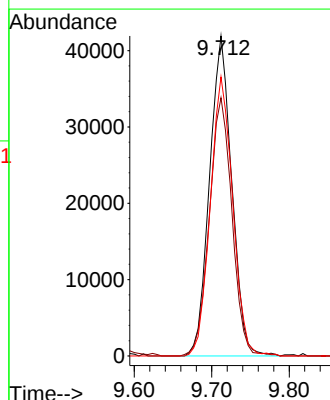
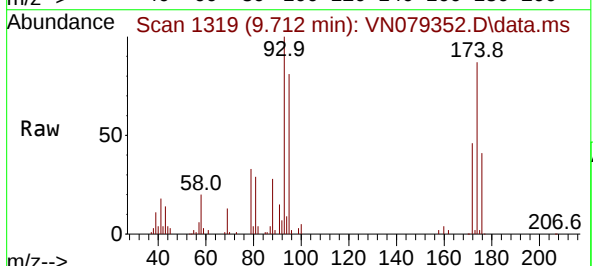
Tgt Ion: 93 Resp: 83634

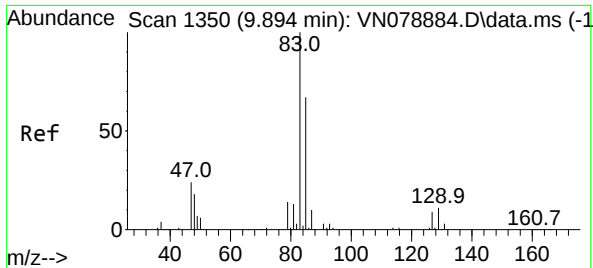
Ion Ratio Lower Upper

93 100

95 82.0 63.8 95.8

174 87.9 65.6 98.4





#47
Bromodichloromethane
Concen: 54.944 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 83 Resp: 179520
Ion Ratio Lower Upper
83 100
85 61.8 49.6 74.4
127 8.2 7.0 10.6

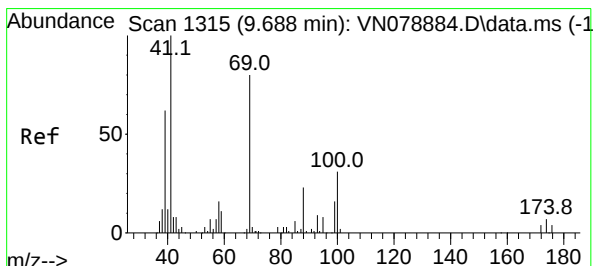
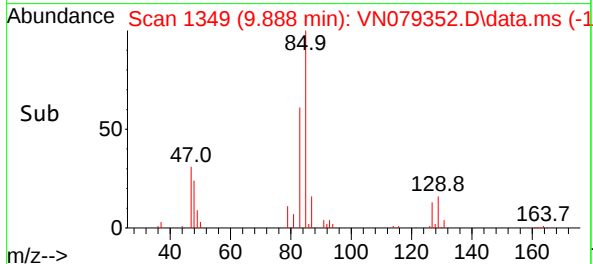
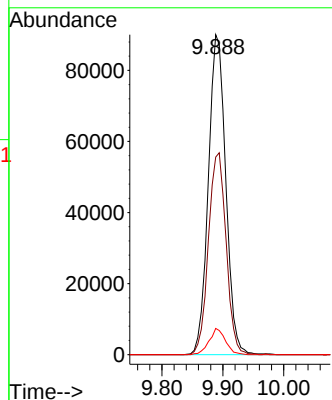
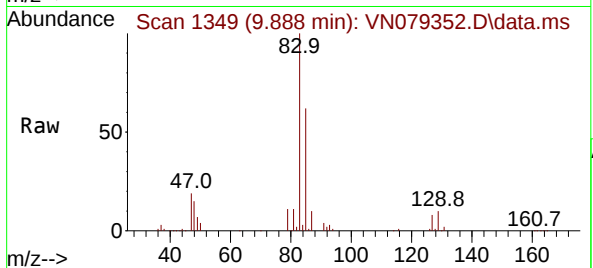
Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

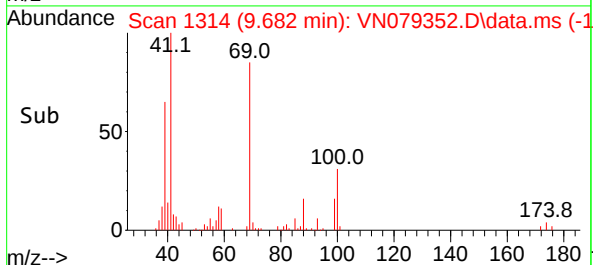
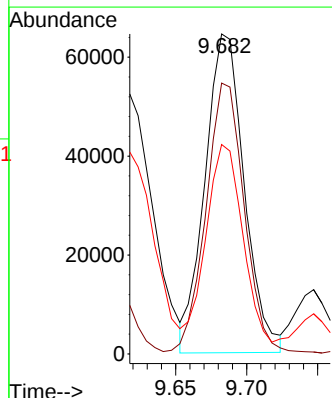
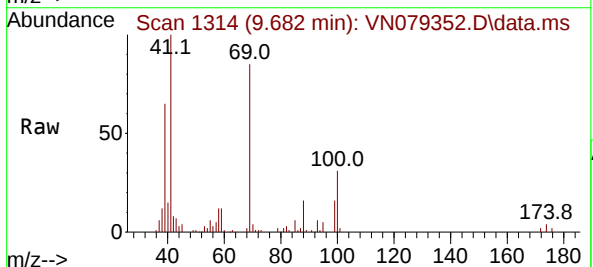
09/27/2023
Supervised By :Mahesh
Dadoda

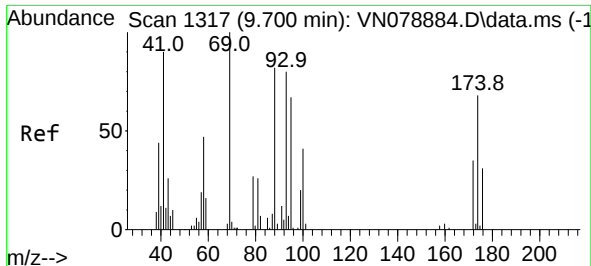
09/27/2023



#48
Methyl methacrylate
Concen: 54.945 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

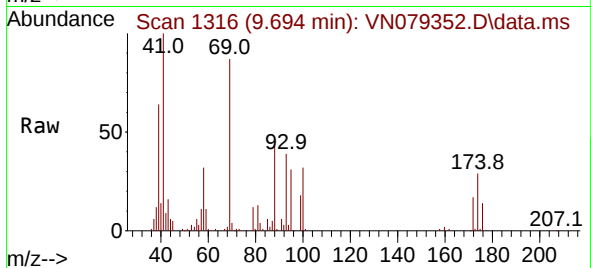
Tgt Ion: 41 Resp: 123891
Ion Ratio Lower Upper
41 100
69 83.1 90.4 135.6#
39 63.6 54.6 81.8





#49
1,4-Dioxane
Concen: 938.988 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



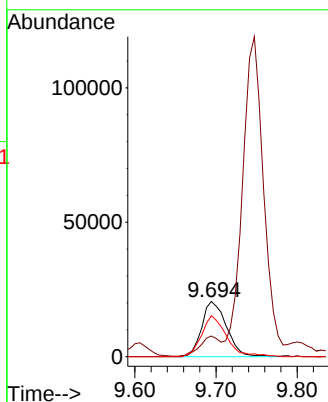
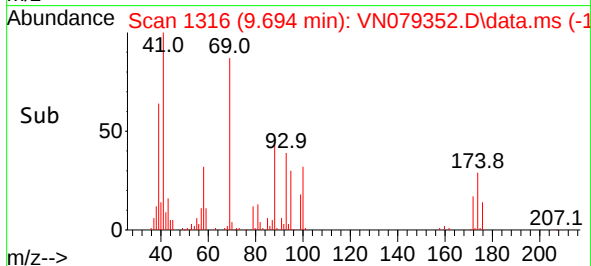
Tgt Ion: 88 Resp: 43548
Ion Ratio Lower Upper
88 100
43 28.9 17.0 25.6
58 74.8 47.0 70.4

Manual Integrations
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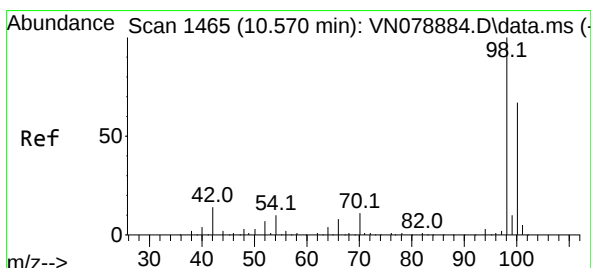
Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

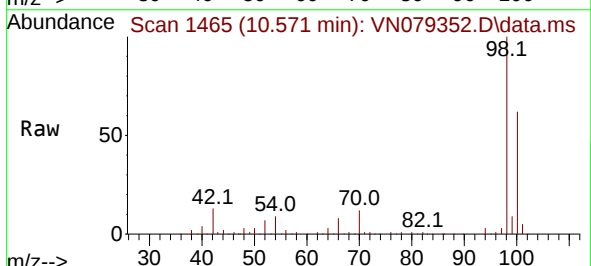
09/27/2023
Supervised By :Mahesh
Dadoda



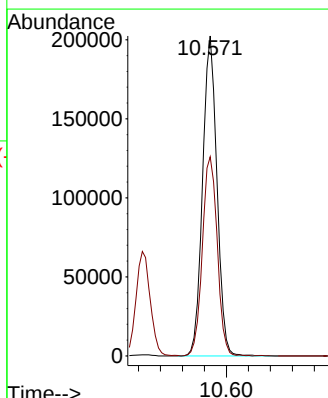
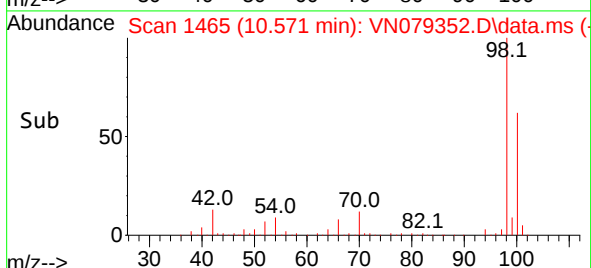
09/27/2023

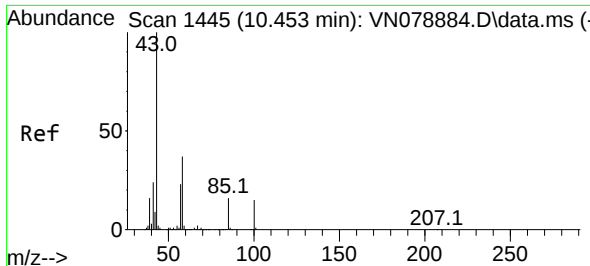


#50
Toluene-d8
Concen: 49.774 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26



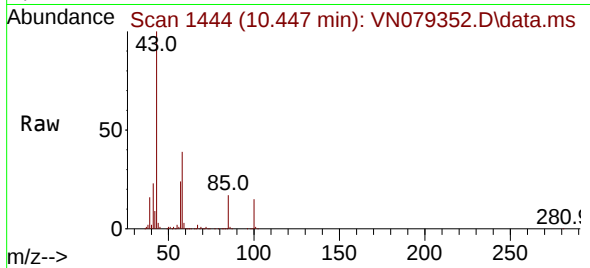
Tgt Ion: 98 Resp: 366754
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 279.474 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDC0050EC



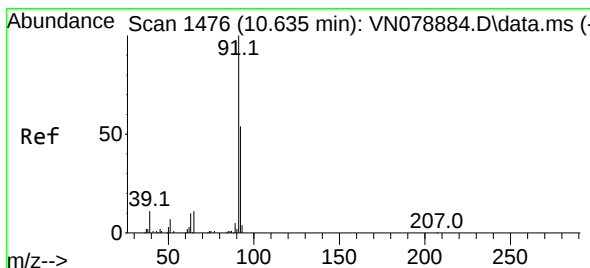
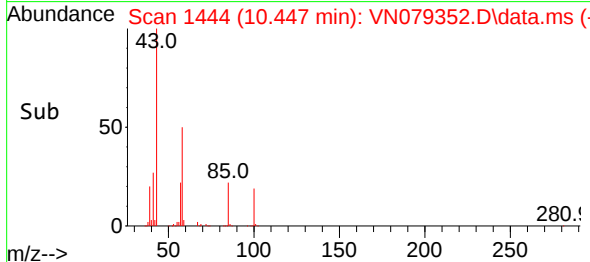
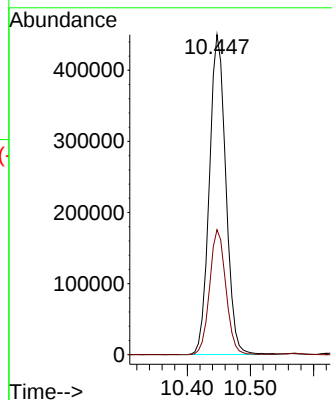
Tgt Ion: 43 Resp: 816670
Ion Ratio Lower Upper
43 100
58 38.6 36.6 54.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

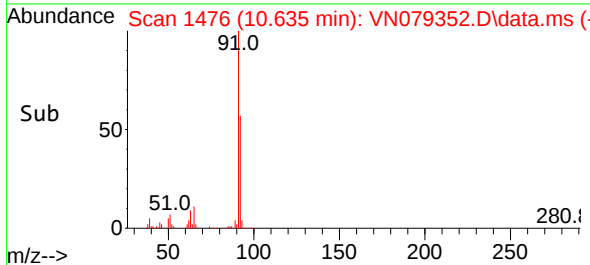
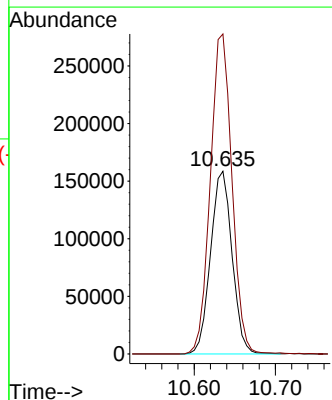
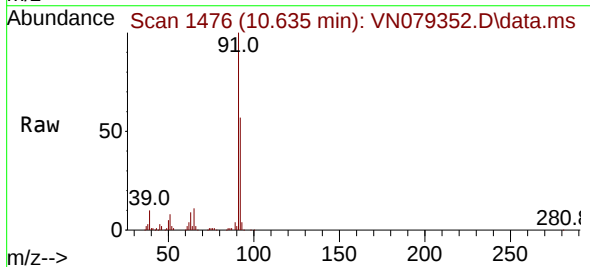
Supervised By :Mahesh
Dadoda
09/27/2023

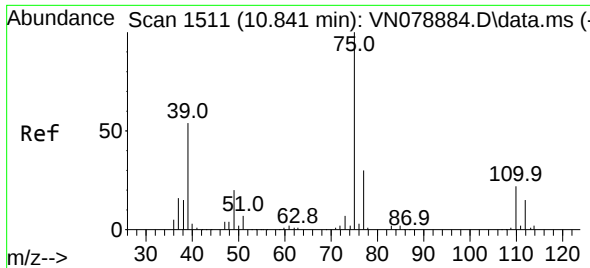
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Supervised By :Mahesh
Dadoda



#52
Toluene
Concen: 50.160 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion: 92 Resp: 291886
Ion Ratio Lower Upper
92 100
91 176.2 137.4 206.0





#53
 t-1,3-Dichloropropene
 Concen: 53.226 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN079352.D
 Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 183380
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.4 38.0

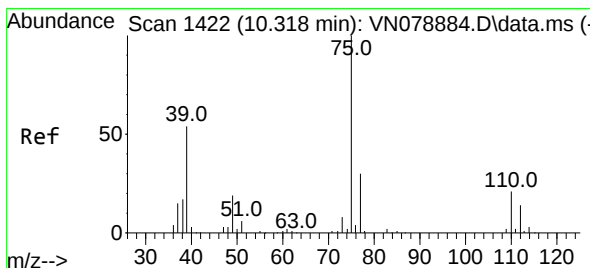
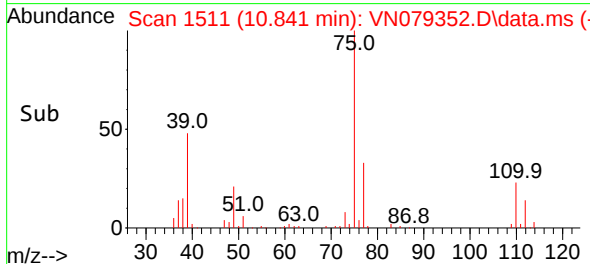
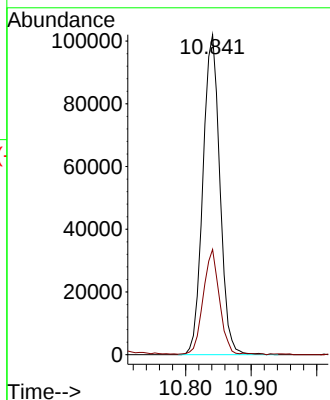
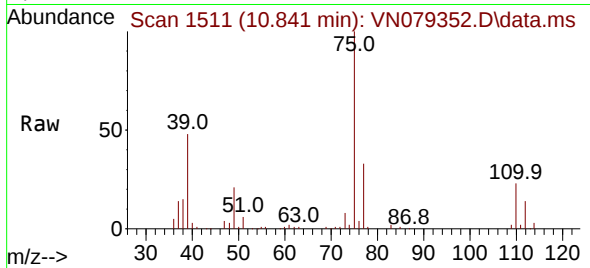
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Supervised By :Mahesh
 Dadoda
 09/27/2023

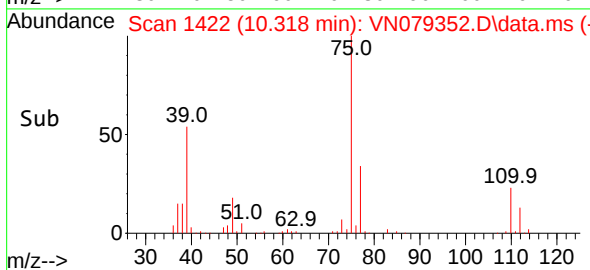
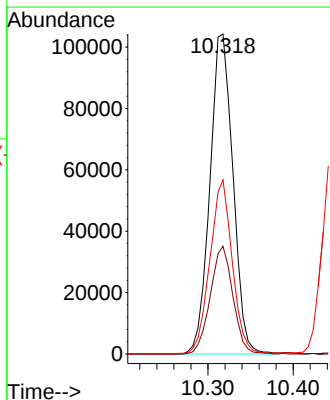
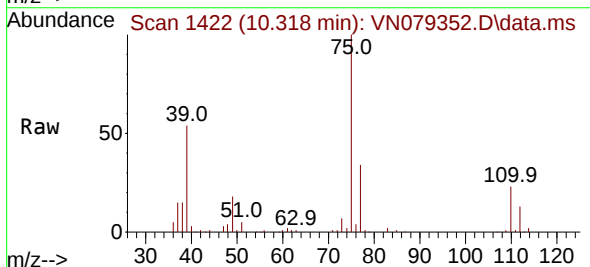
09/27/2023
 Supervised By :Mahesh
 Dadoda

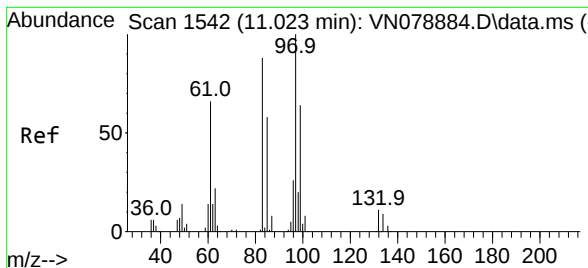
09/27/2023



#54
 cis-1,3-Dichloropropene
 Concen: 53.271 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN079352.D
 Acq: 26 Sep 2023 16:26

Tgt Ion: 75 Resp: 196303
 Ion Ratio Lower Upper
 75 100
 77 33.7 26.1 39.1
 39 54.2 31.6 47.4#





#55
1,1,2-Trichloroethane
Concen: 52.537 ug/l
RT: 11.018 min Scan# 119960
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:	97	Resp:	119960
Ion	Ratio	Lower	Upper
97	100		
83	87.8	65.1	97.7
85	57.5	43.4	65.2
99	62.3	49.2	73.8

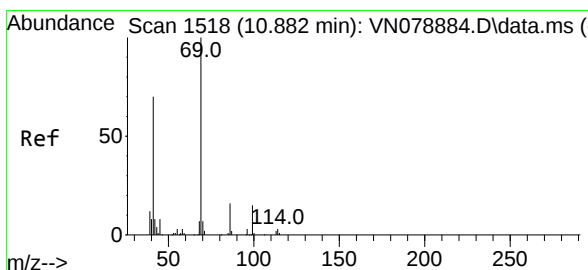
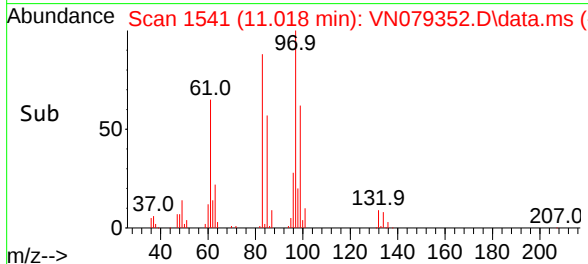
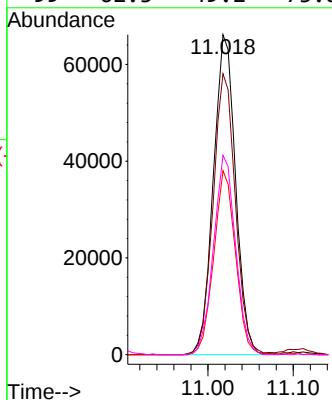
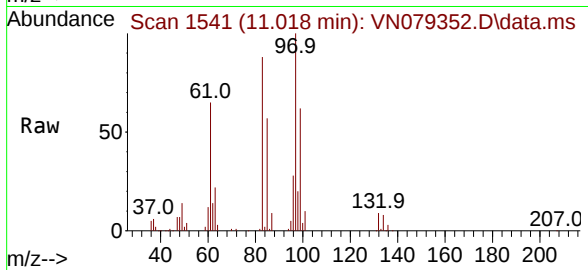
Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

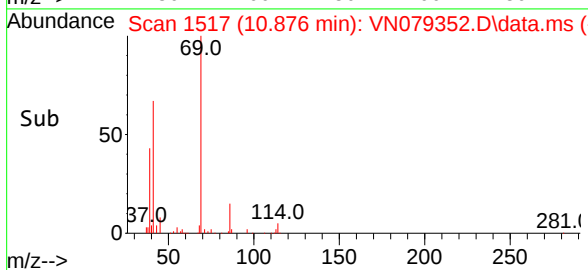
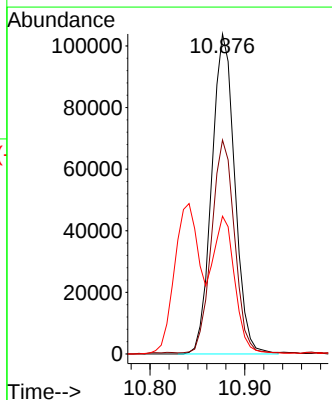
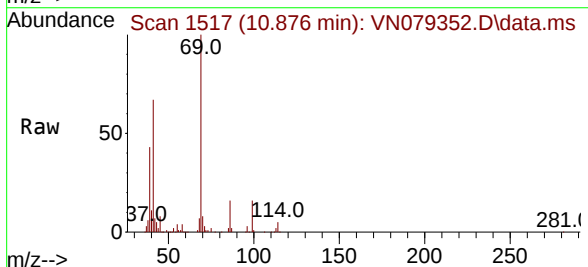
09/27/2023
Supervised By :Mahesh
Dadoda

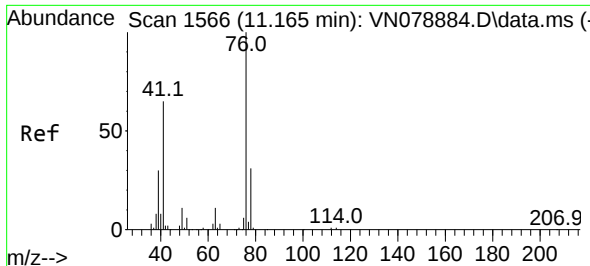
09/27/2023



#56
Ethyl methacrylate
Concen: 54.432 ug/l
RT: 10.876 min Scan# 1517
Delta R.T. -0.001 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

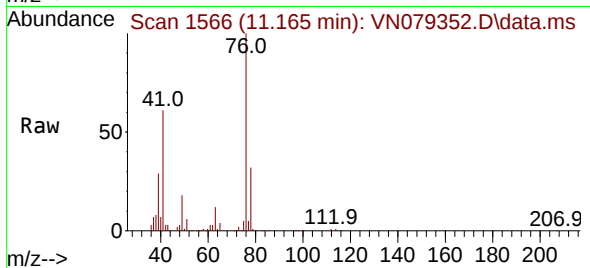
Tgt Ion:	69	Resp:	175444
Ion	Ratio	Lower	Upper
69	100		
41	66.6	39.6	59.4
39	40.5	28.6	43.0





#57
1,3-Dichloropropane
Concen: 52.446 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



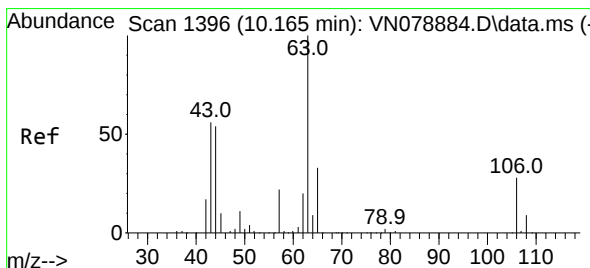
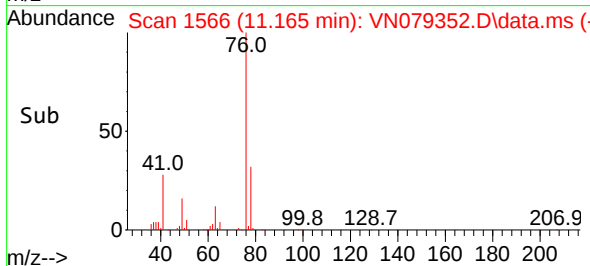
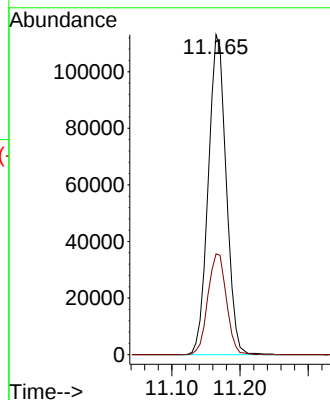
Tgt Ion: 76 Resp: 20701
Ion Ratio Lower Upper
76 100
78 32.5 26.1 39.1

Manual Integrations
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Reviewed By :John
Carlone

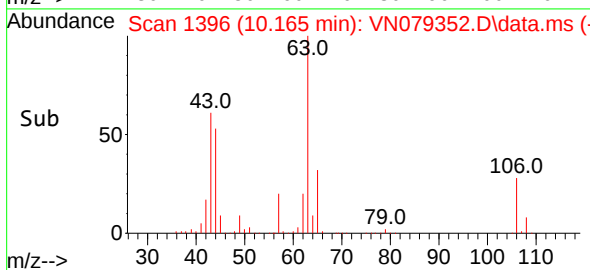
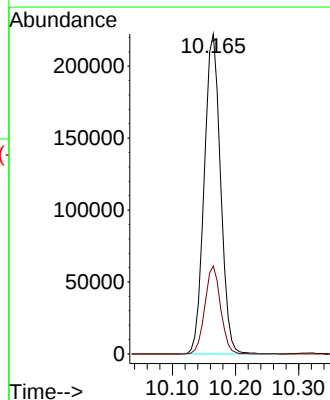
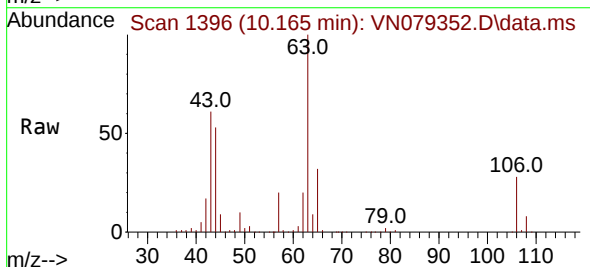
Supervised By :Mahesh
Dadoda
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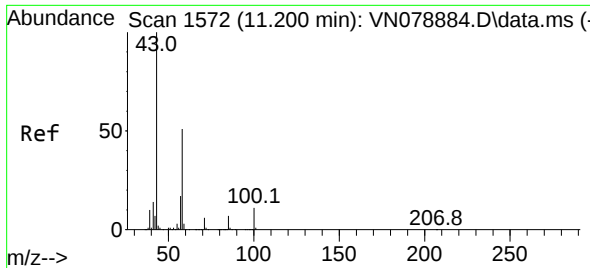
09/27/2023
Supervised By :Mahesh
Dadoda



#58
2-Chloroethyl Vinyl ether
Concen: 288.541 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

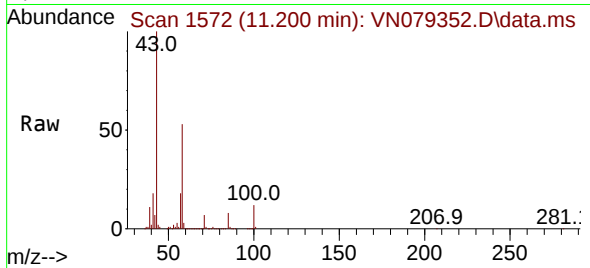
Tgt Ion: 63 Resp: 397994
Ion Ratio Lower Upper
63 100
106 26.5 26.2 39.4





#59
2-Hexanone
Concen: 279.154 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



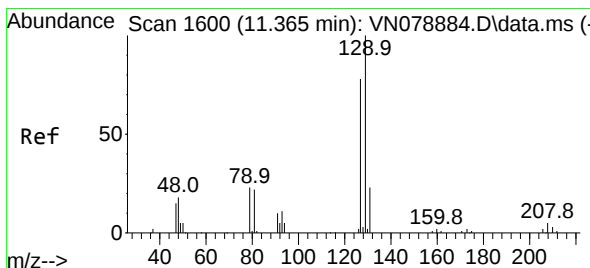
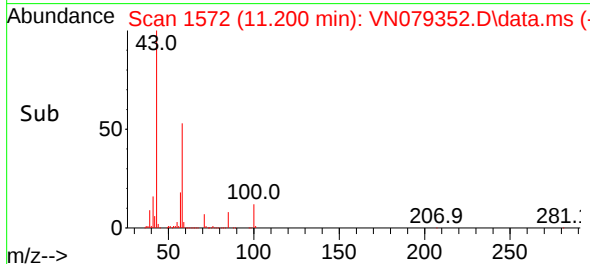
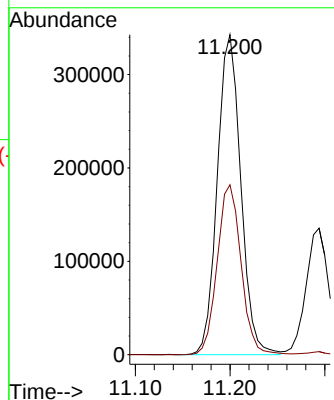
Tgt Ion: 43 Resp: 59083
Ion Ratio Lower Upper
43 100
58 54.0 31.7 95.1

Manual Integrations
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Reviewed By :John
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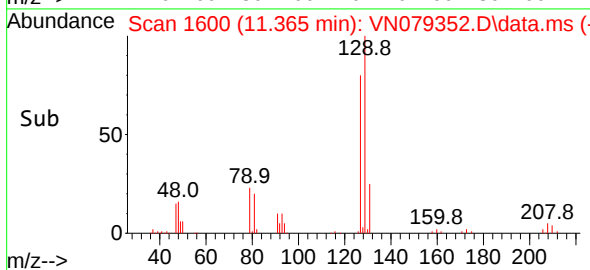
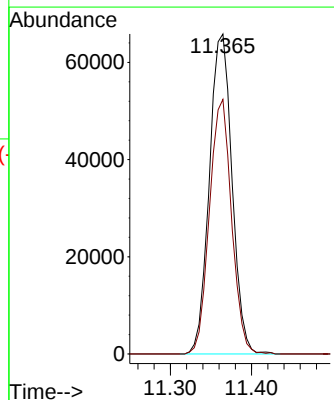
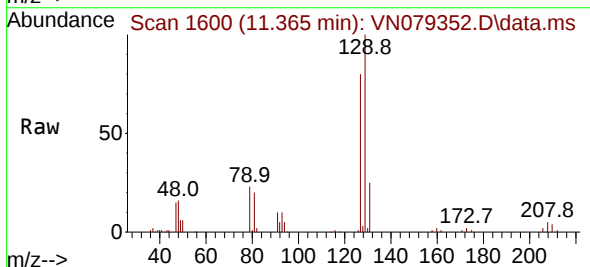
Supervised By :Mahesh
Dadoda
09/27/2023

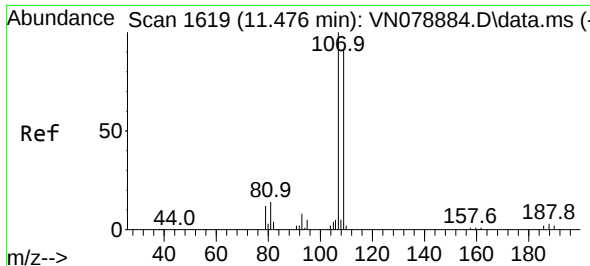
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Supervised By :Mahesh
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#60
Dibromochloromethane
Concen: 52.571 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

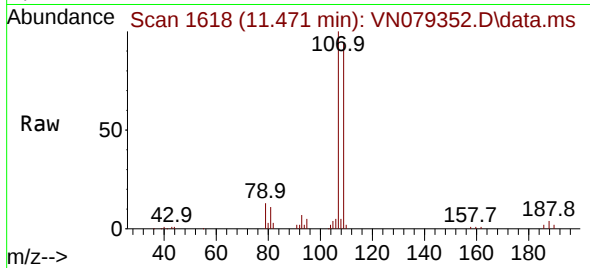
Tgt Ion:129 Resp: 127751
Ion Ratio Lower Upper
129 100
127 77.6 38.6 116.0





#61
1,2-Dibromoethane
Concen: 50.866 ug/l
RT: 11.471 min Scan# 11590
Delta R.T. -0.005 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



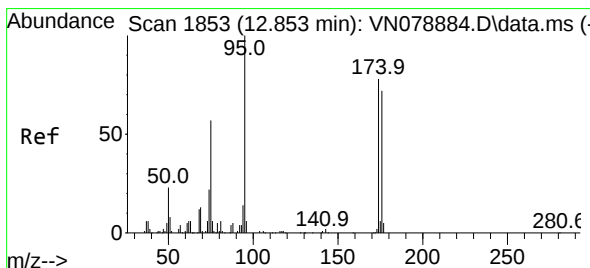
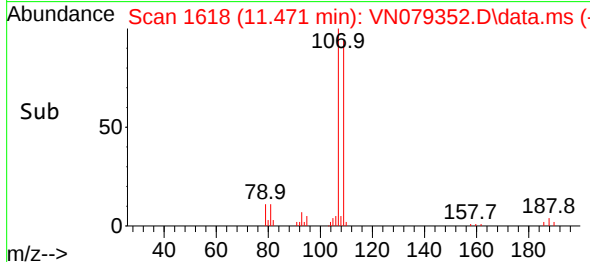
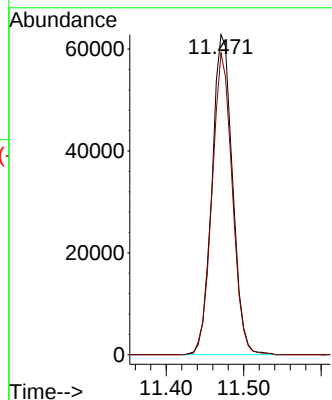
Tgt Ion:107 Resp: 11590
Ion Ratio Lower Upper
107 100
109 92.7 76.6 114.8

Manual Integrations
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Reviewed By :John
Carlone

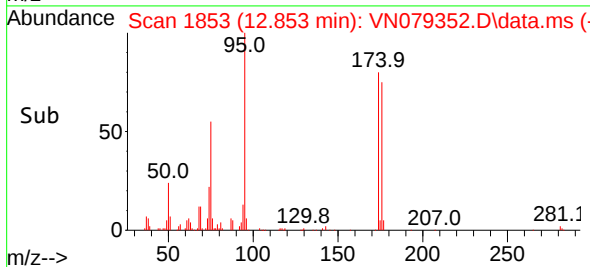
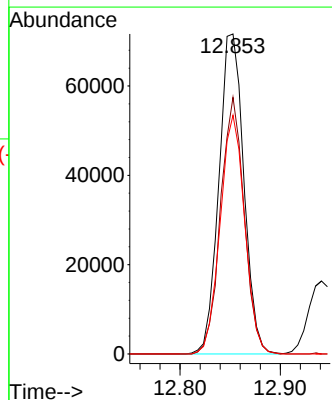
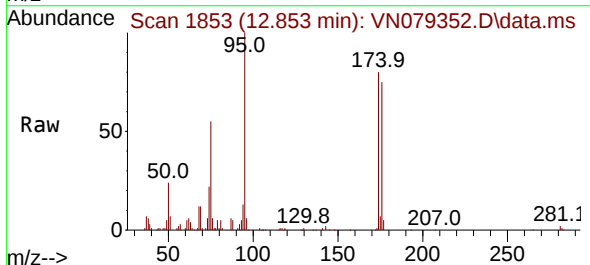
Supervised By :Mahesh
Dadoda
09/27/2023

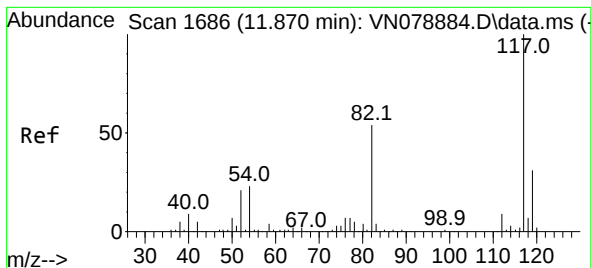
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Supervised By :Mahesh
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#62
4-Bromofluorobenzene
Concen: 52.592 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

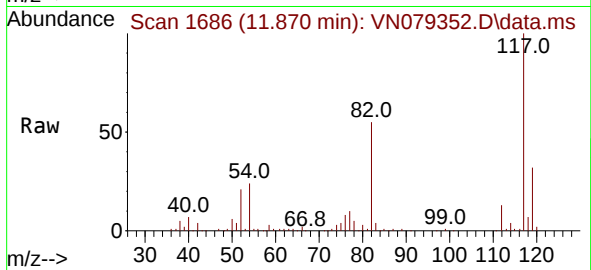
Tgt Ion: 95 Resp: 123611
Ion Ratio Lower Upper
95 100
174 76.0 0.0 143.8
176 73.4 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1
Delta R.T. -0.001 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



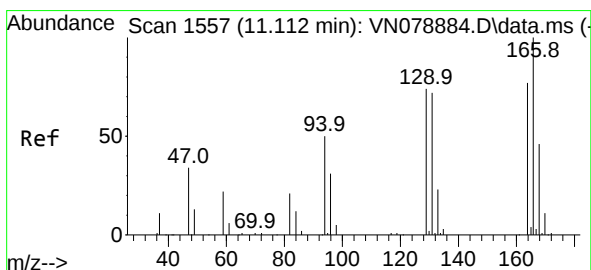
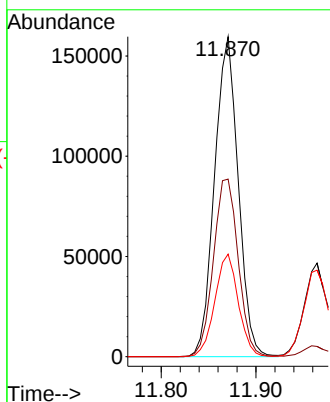
Tgt Ion:117 Resp: 27776
Ion Ratio Lower Upper
117 100
82 55.5 44.0 66.0
119 32.1 25.6 38.4

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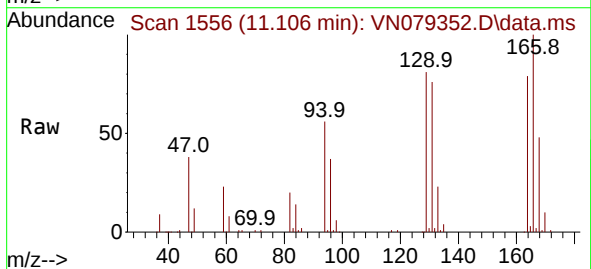
Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

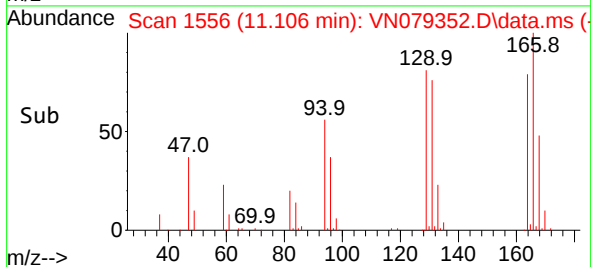
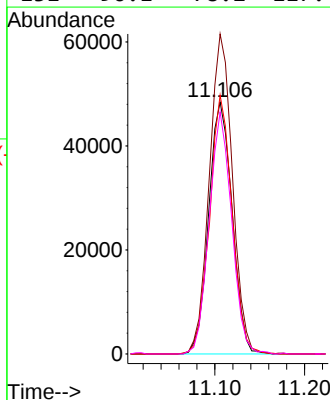
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Supervised By :Mahesh
Dadoda

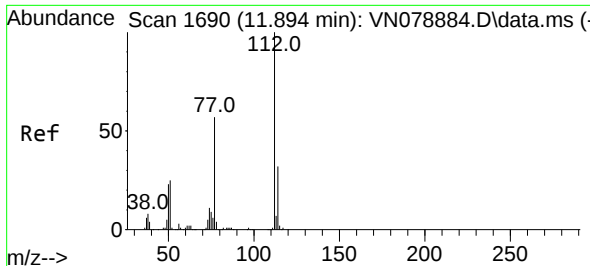


#64
Tetrachloroethene
Concen: 43.385 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26



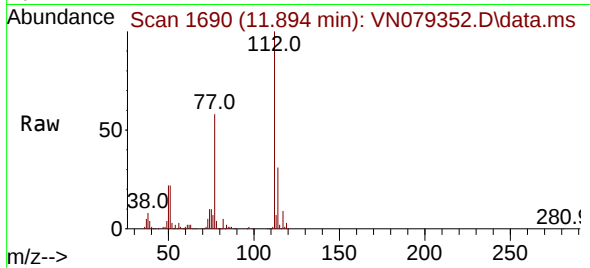
Tgt Ion:164 Resp: 87871
Ion Ratio Lower Upper
164 100
166 127.0 101.4 152.0
129 102.7 82.4 123.6
131 96.1 78.2 117.4





#65
Chlorobenzene
Concen: 48.399 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



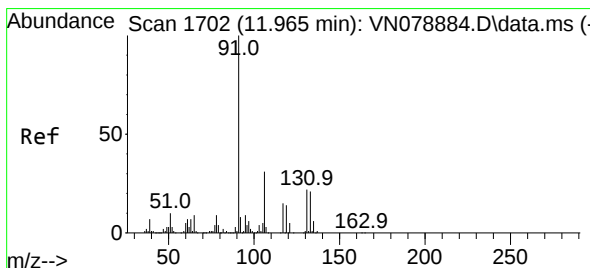
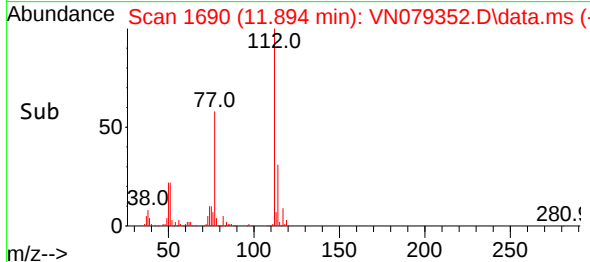
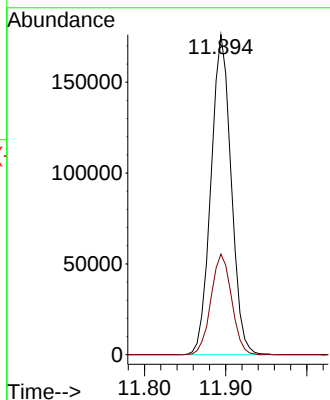
Tgt Ion:112 Resp: 30455
Ion Ratio Lower Upper
112 100
114 31.4 25.0 37.4

Manual Integrations
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Reviewed By :John
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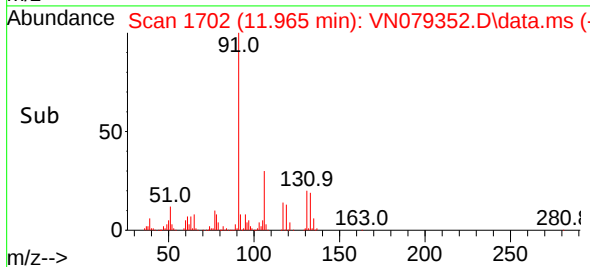
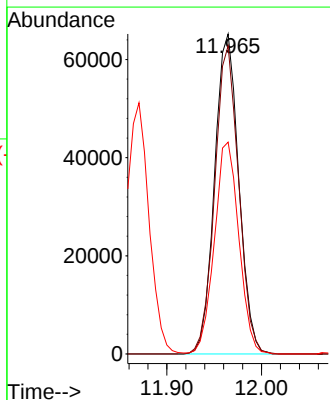
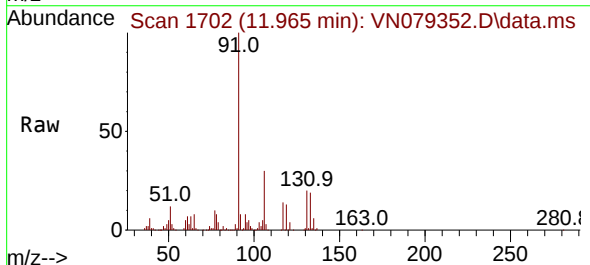
Supervised By :Mahesh
Dadoda
09/27/2023

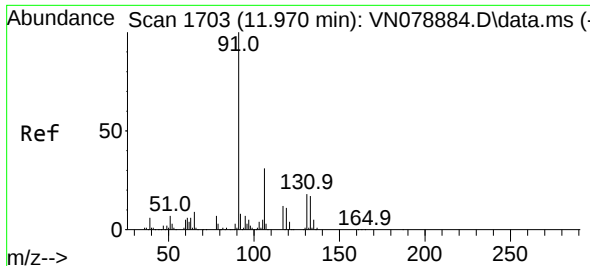
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Supervised By :Mahesh
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.975 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:131 Resp: 115561
Ion Ratio Lower Upper
131 100
133 95.5 46.4 139.1
119 67.1 34.1 102.2





#67
Ethyl Benzene
Concen: 52.559 ug/l
RT: 11.965 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 91 Resp: 565702
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4

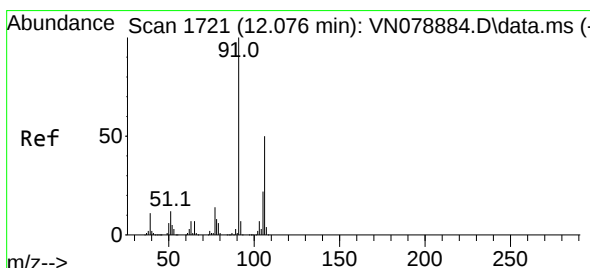
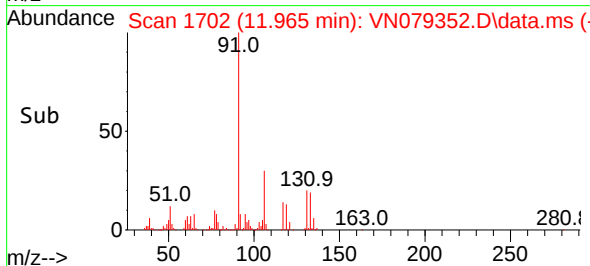
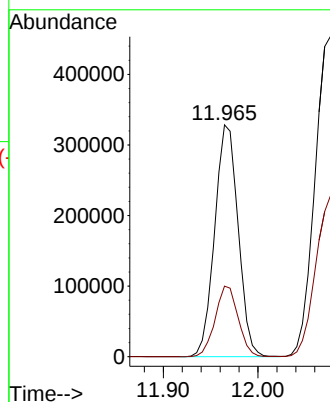
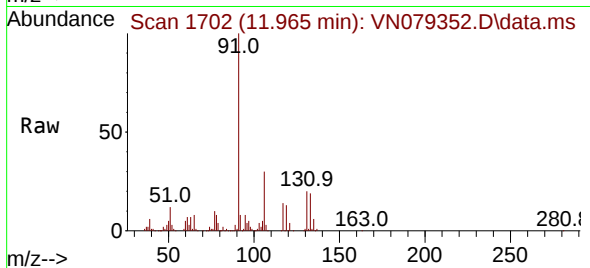
Manual Integrations
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Reviewed By :John
Carlone

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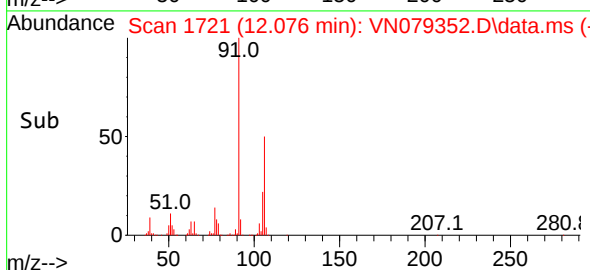
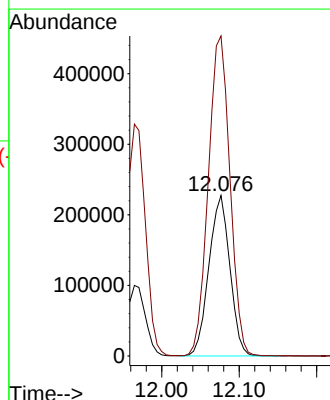
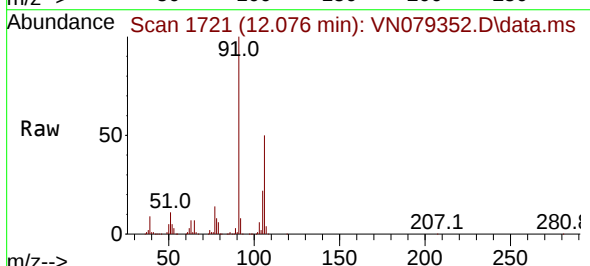
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Supervised By :Mahesh
Dadoda

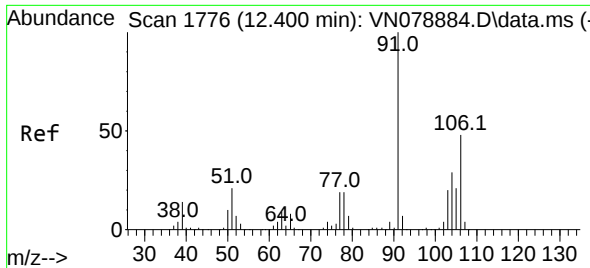
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#68
m/p-Xylenes
Concen: 106.493 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:106 Resp: 427229
Ion Ratio Lower Upper
106 100
91 206.2 159.6 239.4





#69
o-Xylene
Concen: 53.752 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 206815
Ion Ratio Lower Upper
106 100
91 216.8 105.2 315.5

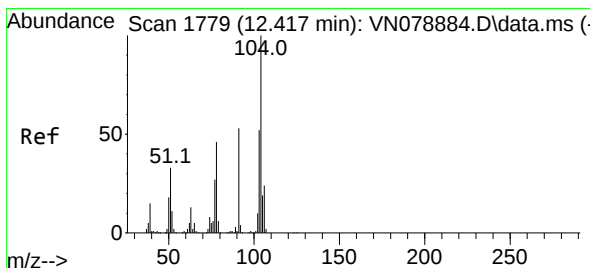
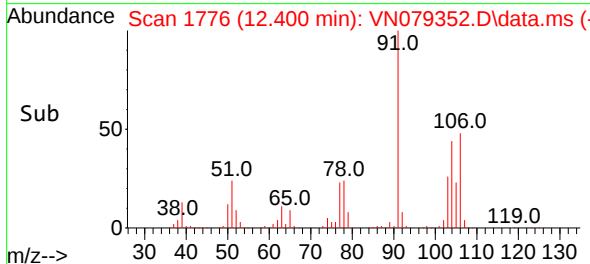
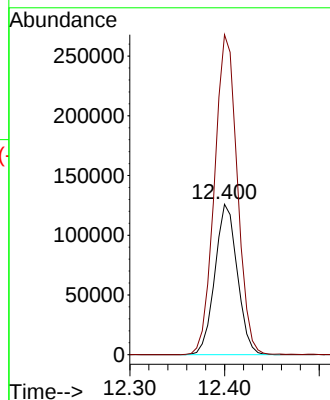
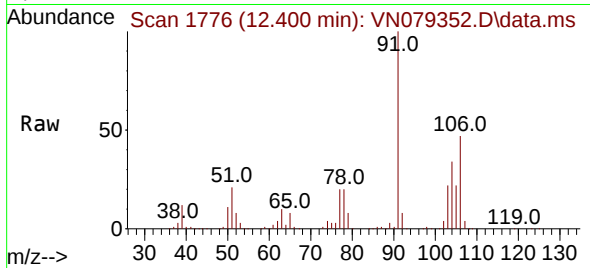
Manual Integrations
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Reviewed By :John
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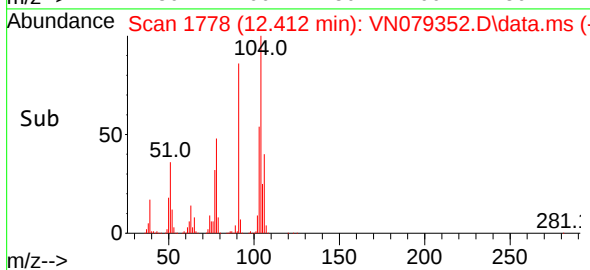
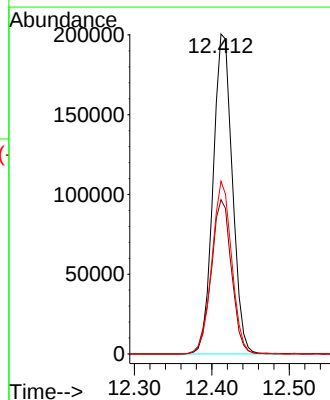
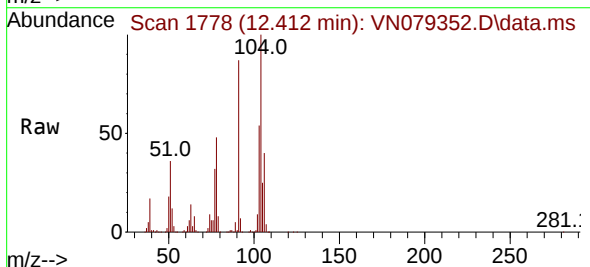
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Dadoda

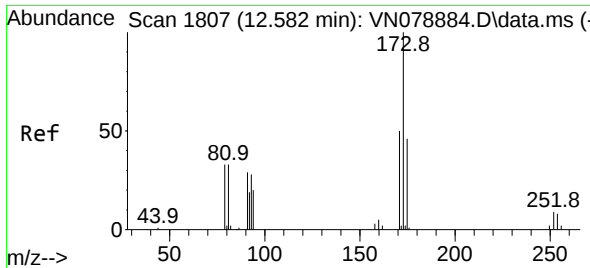
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#70
Styrene
Concen: 56.095 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

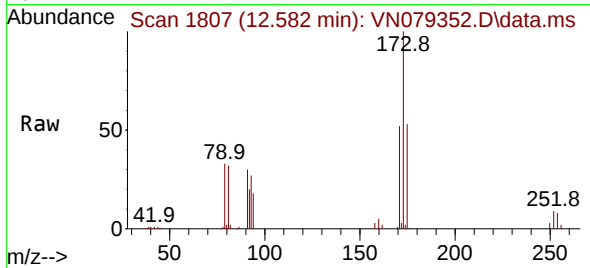
Tgt Ion:104 Resp: 347126
Ion Ratio Lower Upper
104 100
78 50.9 39.5 59.3
103 55.4 43.2 64.8





#71
Bromoform
Concen: 47.741 ug/l
RT: 12.582 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



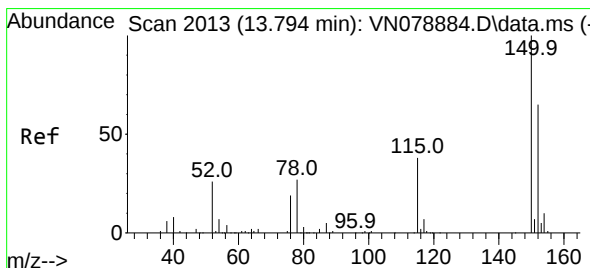
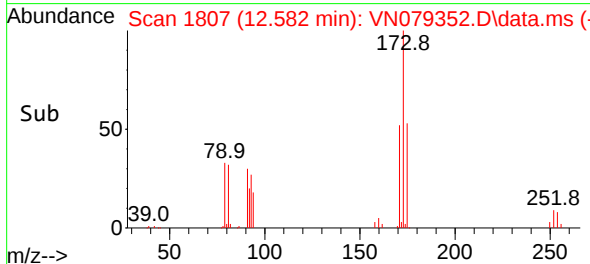
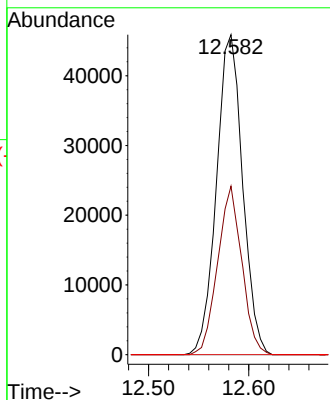
Tgt Ion:173 Resp: 83162
Ion Ratio Lower Upper
173 100
175 48.7 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
Carlone

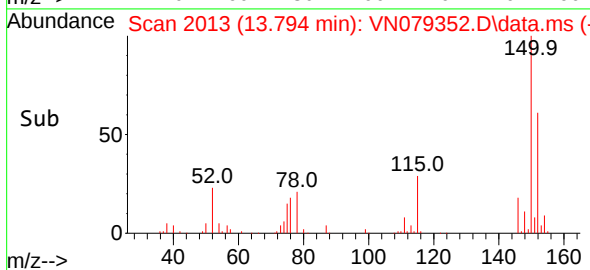
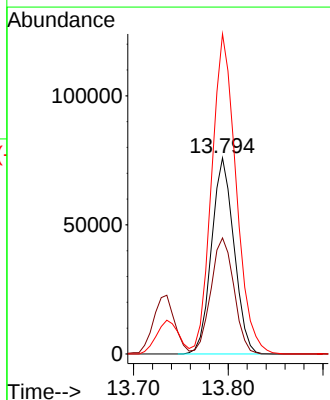
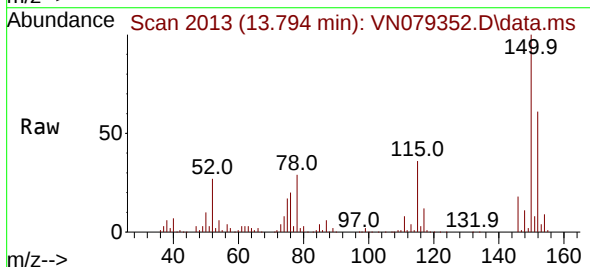
Supervised By :Mahesh
Dadoda
09/27/2023

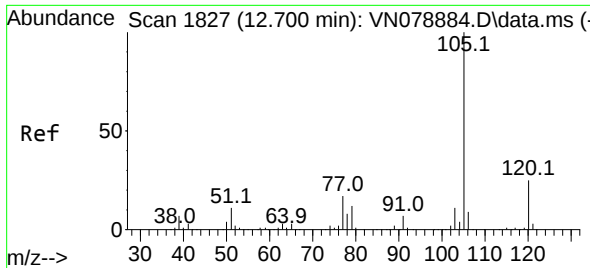
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Dadoda



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:152 Resp: 125138
Ion Ratio Lower Upper
152 100
115 61.1 32.3 96.8
150 177.7 0.0 355.8





#73
Isopropylbenzene
Concen: 47.290 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:105 Resp: 538410
Ion Ratio Lower Upper
105 100
120 25.5 13.1 39.1

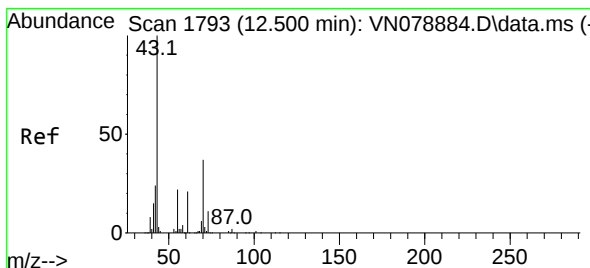
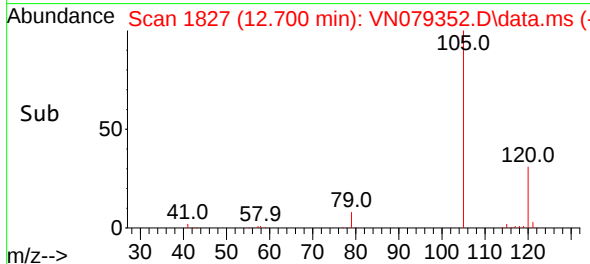
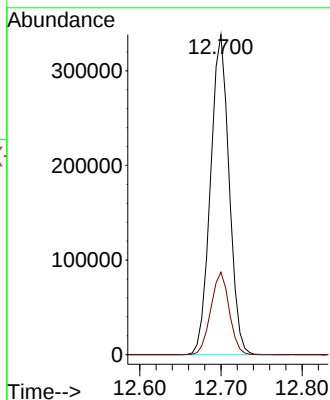
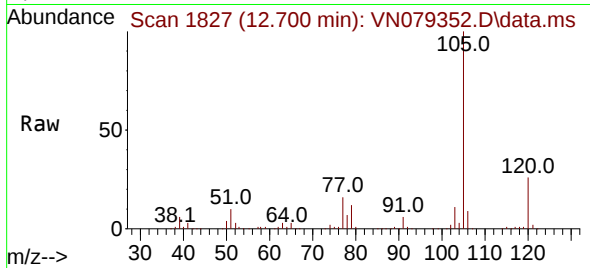
Manual Integrations
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Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

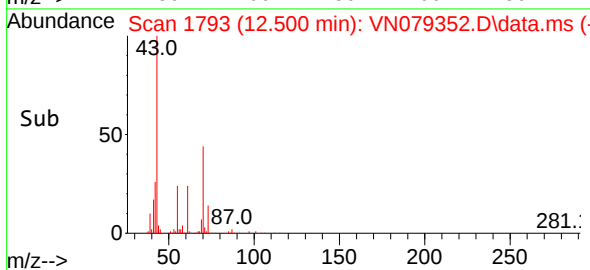
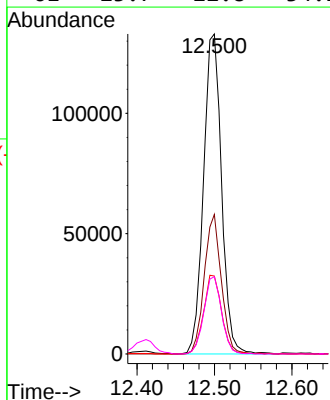
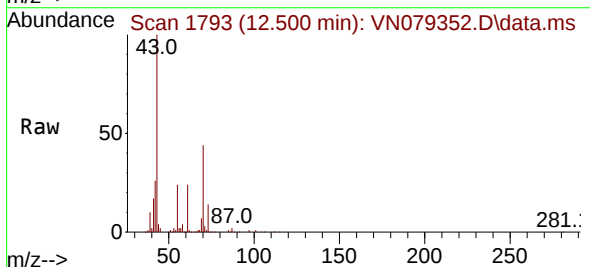
09/27/2023
Supervised By :Mahesh
Dadoda

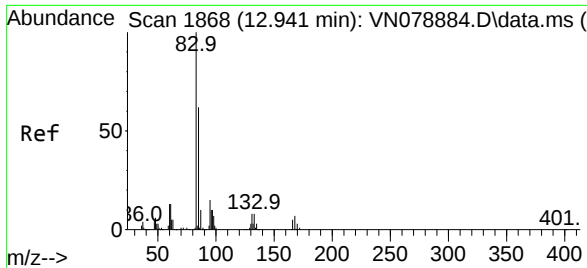
09/27/2023



#74
N-ethyl acetate
Concen: 49.751 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

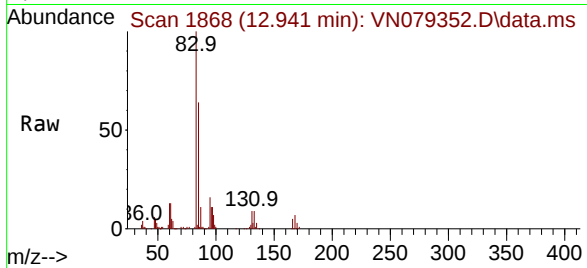
Tgt Ion: 43 Resp: 214900
Ion Ratio Lower Upper
43 100
70 41.2 43.4 65.2#
55 24.7 21.4 32.0
61 23.7 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.818 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



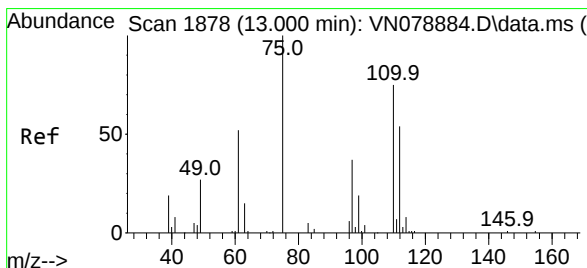
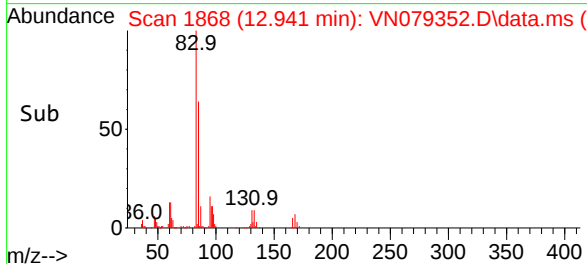
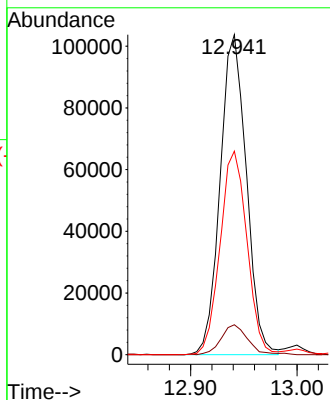
Tgt Ion: 83 Resp: 17729
Ion Ratio Lower Upper
83 100
131 9.5 5.0 15.0
85 65.0 31.9 95.7

Manual Integrations
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Reviewed By :John
Carlone

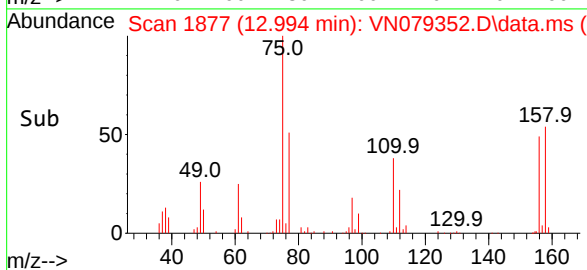
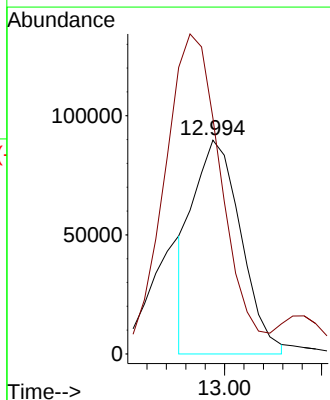
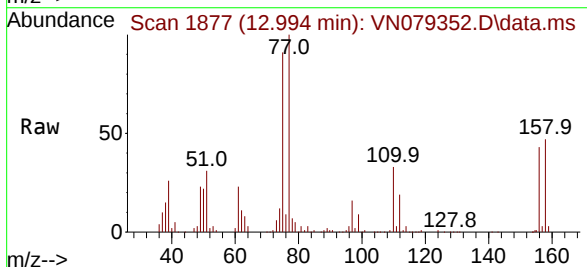
Supervised By :Mahesh
Dadoda
09/27/2023

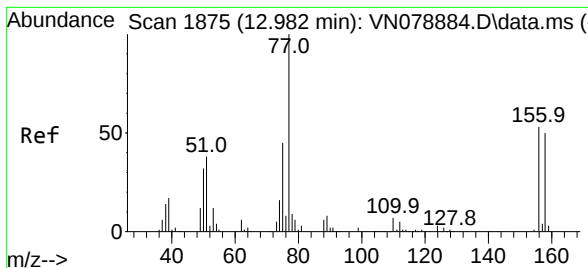
09/27/2023
Supervised By :Mahesh
Dadoda



#76
1,2,3-Trichloropropane
Concen: 45.676 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

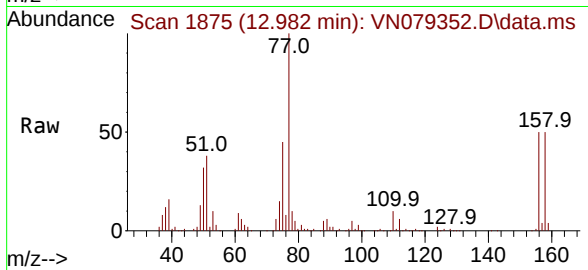
Tgt Ion: 75 Resp: 154048
Ion Ratio Lower Upper
75 100
77 179.2 84.5 253.5





#77
Bromobenzene
Concen: 41.776 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



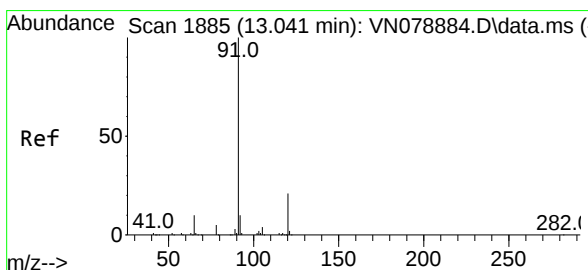
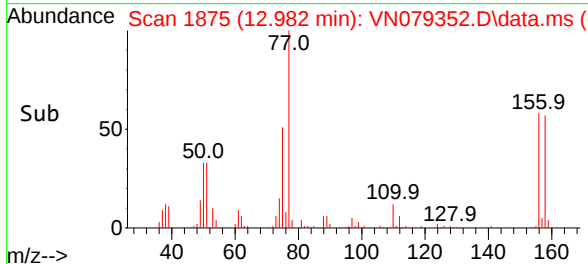
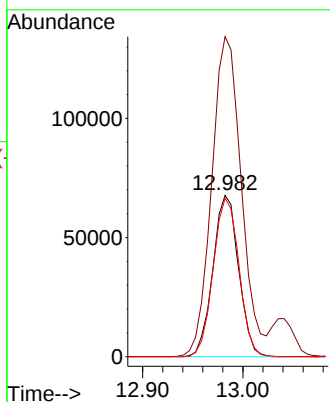
Tgt Ion:156 Resp: 120435
Ion Ratio Lower Upper
156 100
77 229.2 107.7 323.3
158 98.4 48.4 145.3

Manual Integrations
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Reviewed By :John
Carlone

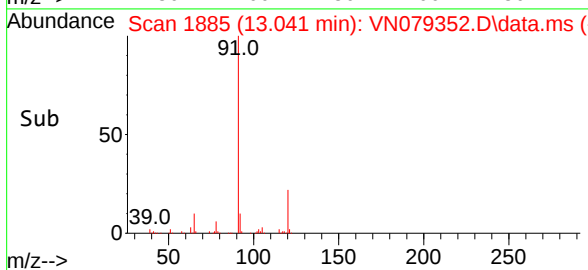
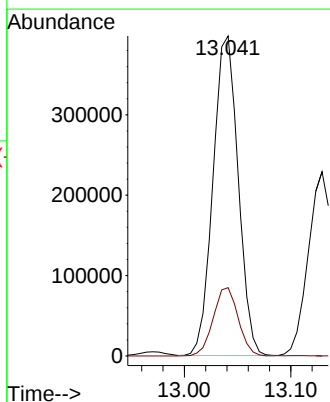
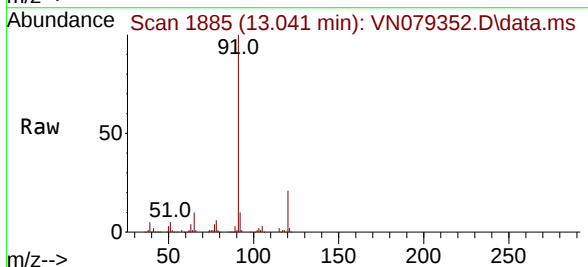
Supervised By :Mahesh
Dadoda
09/27/2023

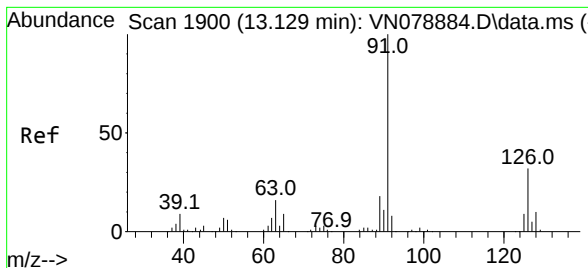
09/27/2023
Supervised By :Mahesh
Dadoda



#78
n-propylbenzene
Concen: 50.991 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

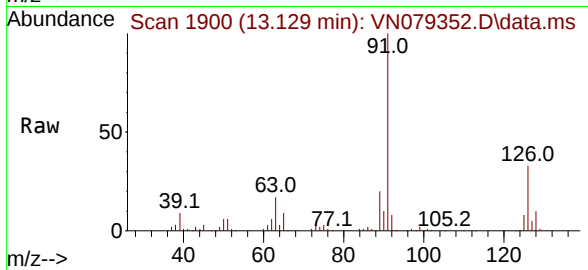
Tgt Ion: 91 Resp: 652157
Ion Ratio Lower Upper
91 100
120 21.2 11.5 34.4





#79
2-Chlorotoluene
Concen: 45.826 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



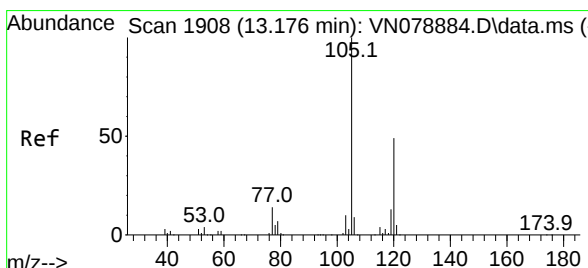
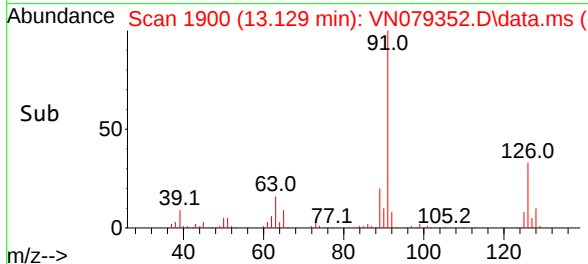
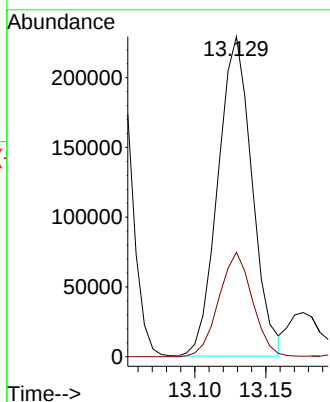
Tgt Ion: 91 Resp: 383339
Ion Ratio Lower Upper
91 100
126 32.0 16.3 48.8

Manual Integrations
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Reviewed By :John
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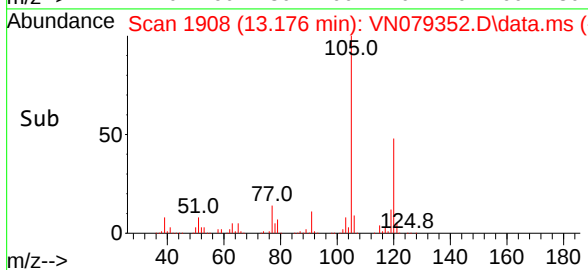
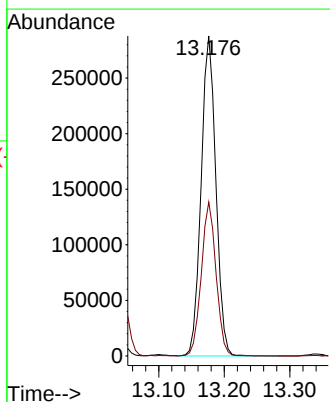
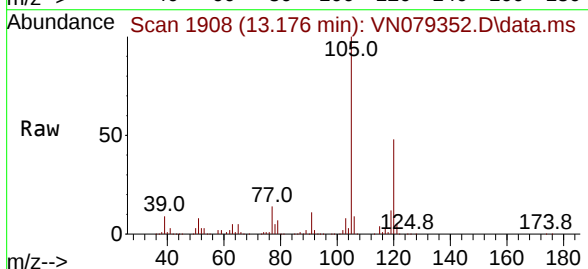
Supervised By :Mahesh
Dadoda
09/27/2023

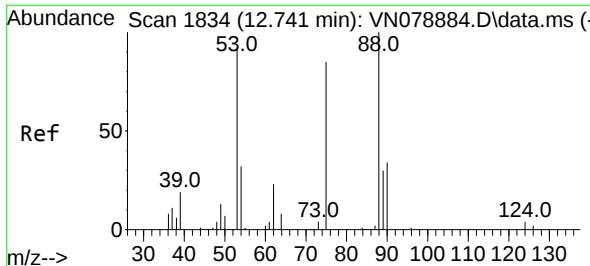
09/27/2023
Supervised By :Mahesh
Dadoda



#80
1,3,5-Trimethylbenzene
Concen: 47.534 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

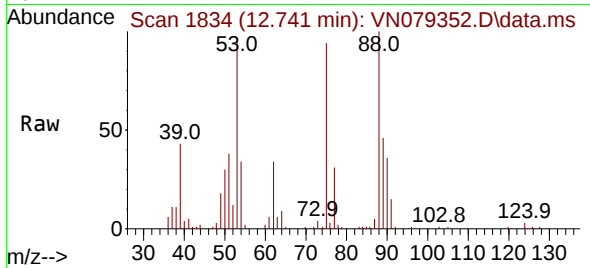
Tgt Ion:105 Resp: 450947
Ion Ratio Lower Upper
105 100
120 48.0 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 43.922 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



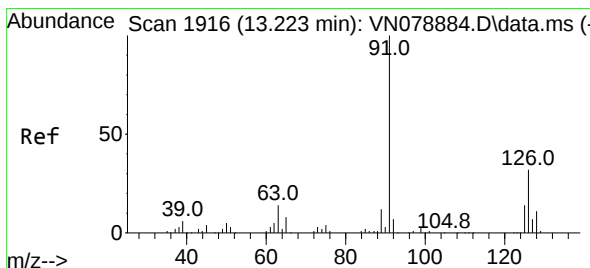
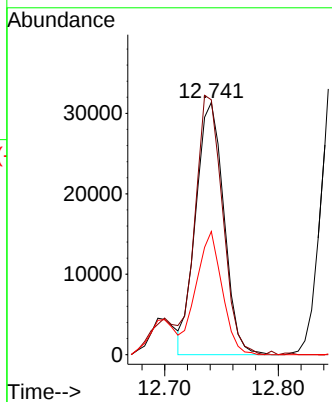
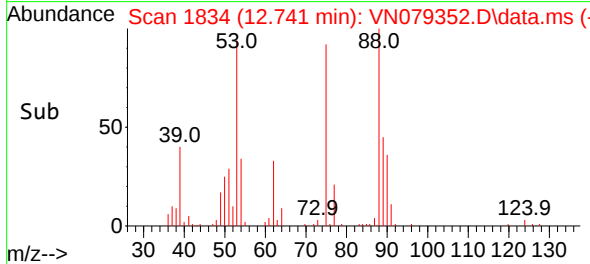
Tgt Ion: 75 Resp: 5388
Ion Ratio Lower Upper
75 100
53 99.9 67.4 101.2
89 45.6 38.8 58.2

Manual Integrations
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Reviewed By :John
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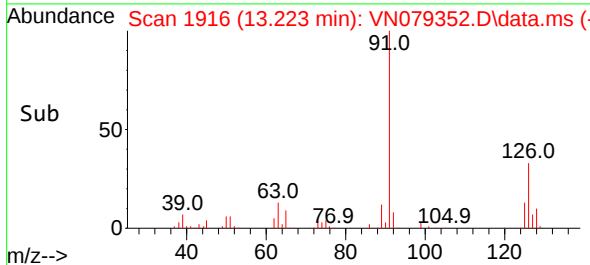
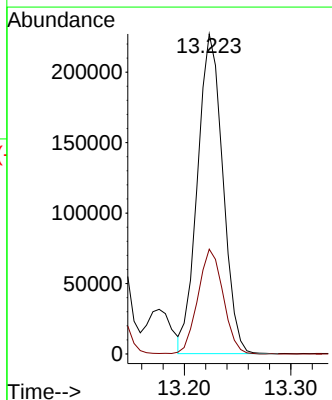
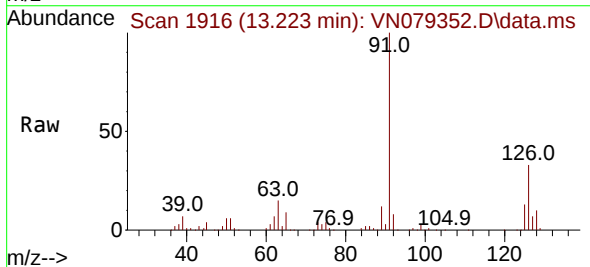
Supervised By :Mahesh
Dadoda
09/27/2023

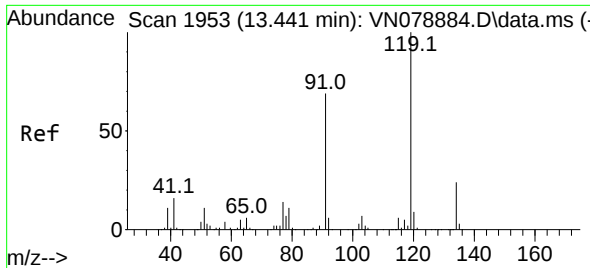
09/27/2023
Supervised By :Mahesh
Dadoda



#82
4-Chlorotoluene
Concen: 47.705 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

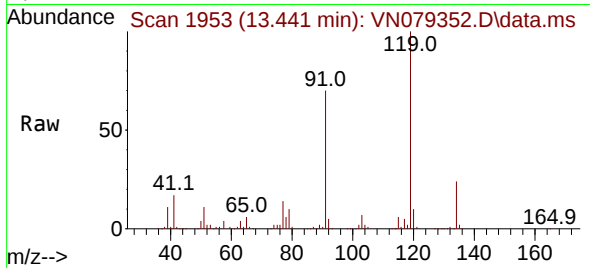
Tgt Ion: 91 Resp: 374971
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0





#83
tert-Butylbenzene
Concen: 47.072 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



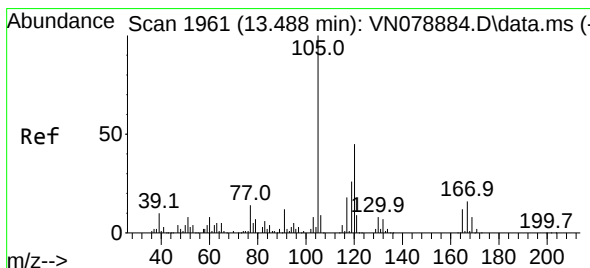
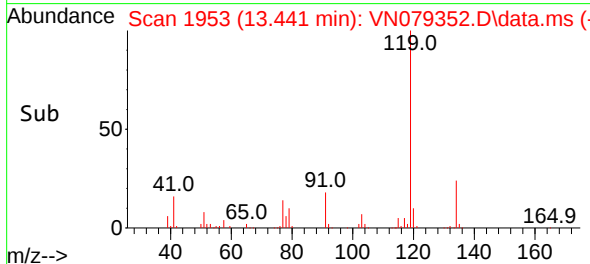
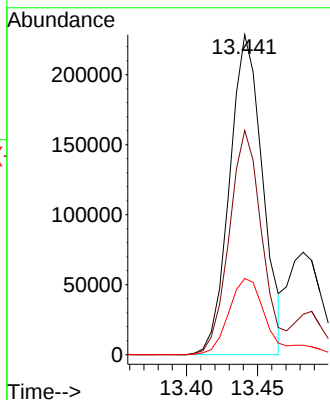
Tgt Ion:119 Resp: 36942
Ion Ratio Lower Upper
119 100
91 69.8 33.9 101.7
134 28.0 13.2 39.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

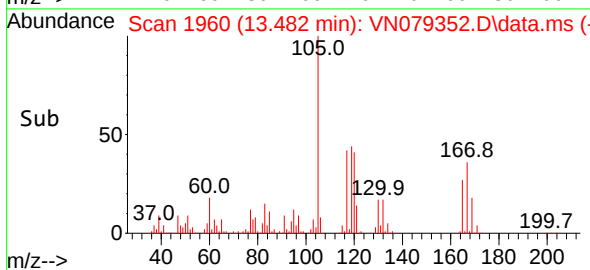
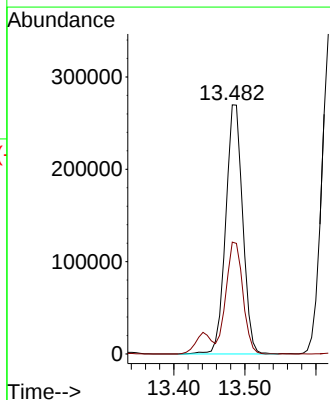
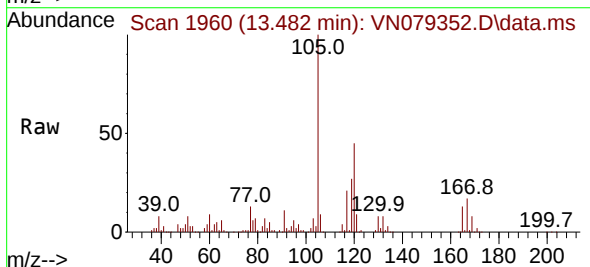
Supervised By :Mahesh
Dadoda
09/27/2023

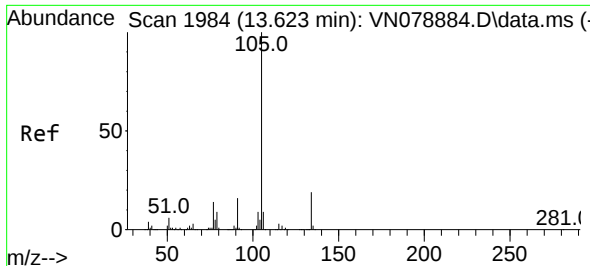
09/27/2023
Supervised By :Mahesh
Dadoda



#84
1,2,4-Trimethylbenzene
Concen: 49.489 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

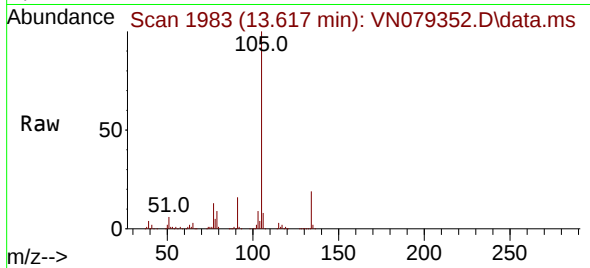
Tgt Ion:105 Resp: 447119
Ion Ratio Lower Upper
105 100
120 44.4 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 50.228 ug/l
 RT: 13.617 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079352.D
 Acq: 26 Sep 2023 16:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC



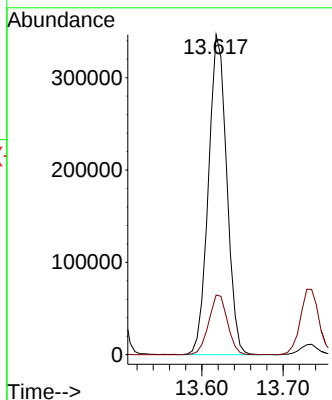
Tgt Ion:105 Resp: 54268
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3

Manual Integrations
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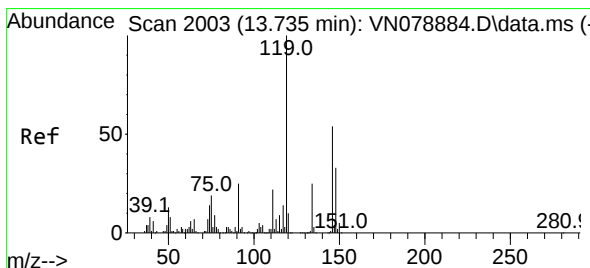
Reviewed By :John
 Carlone

Supervised By :Mahesh
 Dadoda
 09/27/2023

09/27/2023
 Supervised By :Mahesh
 Dadoda

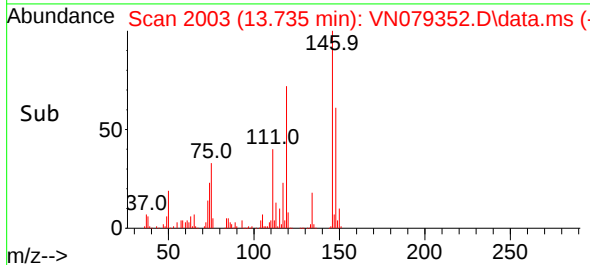
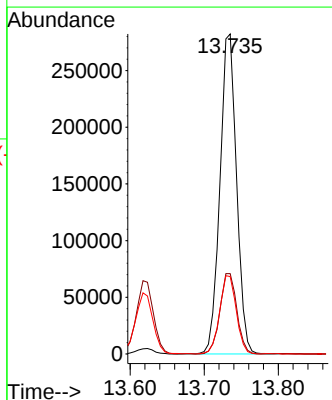
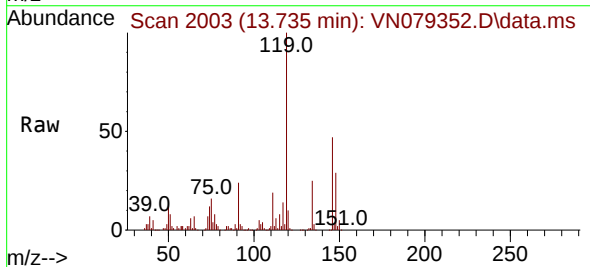


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#86
 p-Isopropyltoluene
 Concen: 50.904 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079352.D
 Acq: 26 Sep 2023 16:26

Tgt Ion:119 Resp: 439400
 Ion Ratio Lower Upper
 119 100
 134 25.6 12.6 37.8
 91 24.4 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 46.861 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. -0.006 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDC0050EC

Tgt Ion:146	Resp: 22158
Ion Ratio	Lower Upper
146	100
111	41.8 22.1 66.3
148	62.4 32.0 96.0

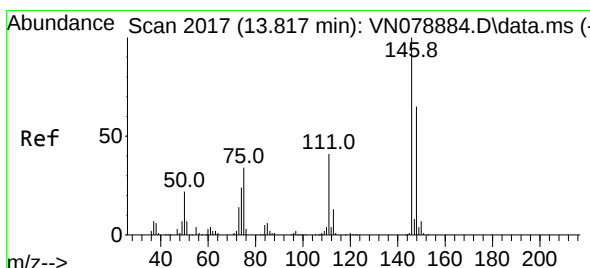
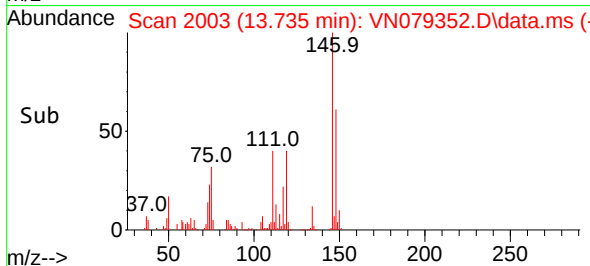
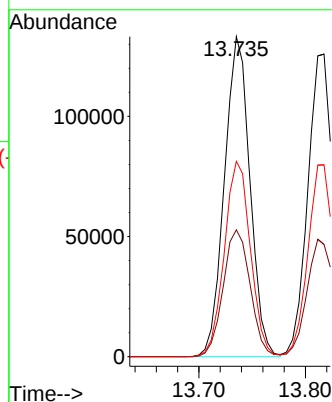
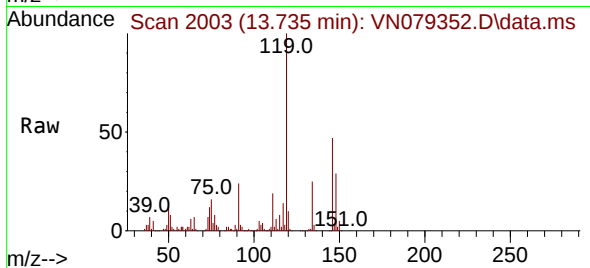
Manual Integrations
APPROVED

Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda

09/27/2023



#88

1,4-Dichlorobenzene

Concen: 44.840 ug/l

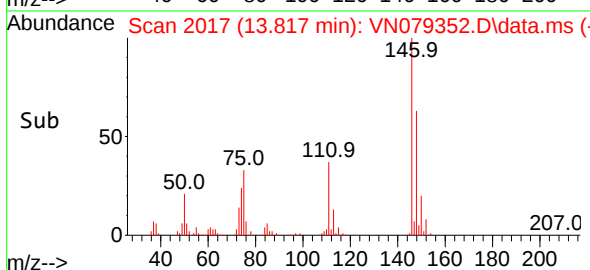
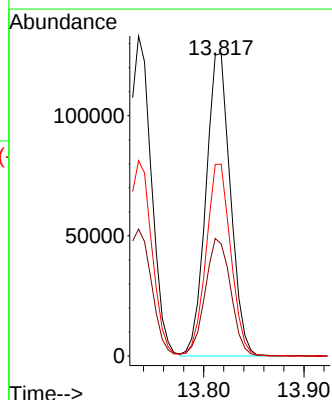
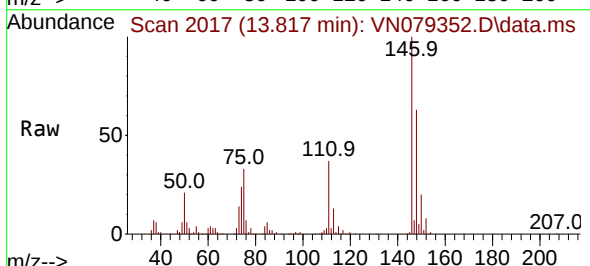
RT: 13.817 min Scan# 2017

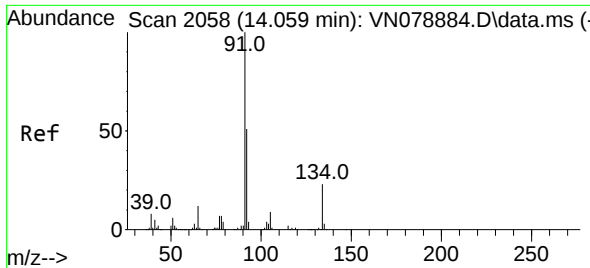
Delta R.T. -0.001 min

Lab File: VN079352.D

Acq: 26 Sep 2023 16:26

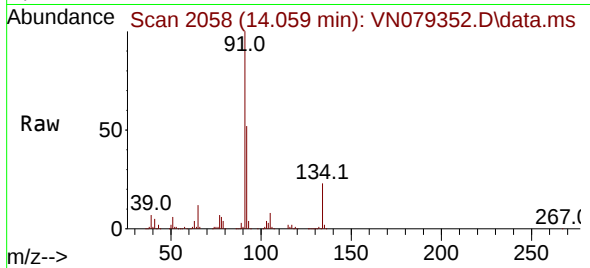
Tgt Ion:146	Resp: 214248
Ion Ratio	Lower Upper
146	100
111	40.4 20.6 61.8
148	63.8 31.6 94.8





#89
n-Butylbenzene
Concen: 54.166 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



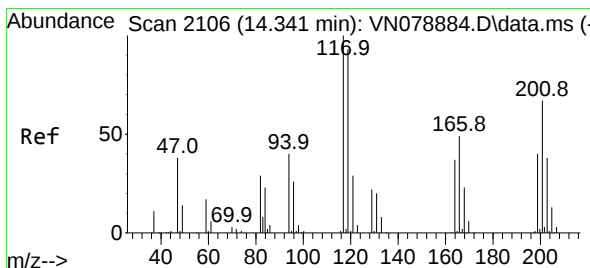
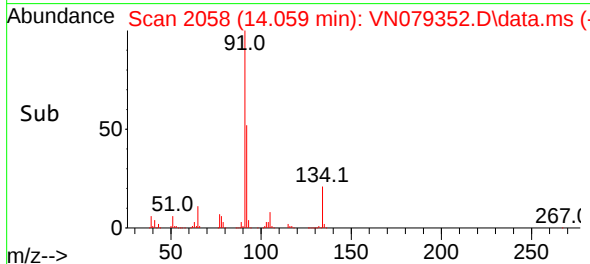
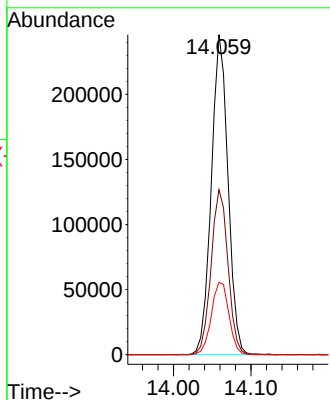
Tgt Ion: 91 Resp: 367672
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 23.8 12.6 37.6

Manual Integrations
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Reviewed By :John
Carlone

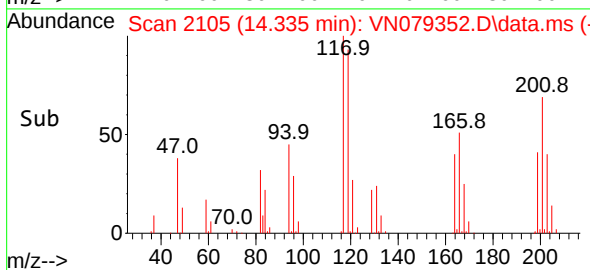
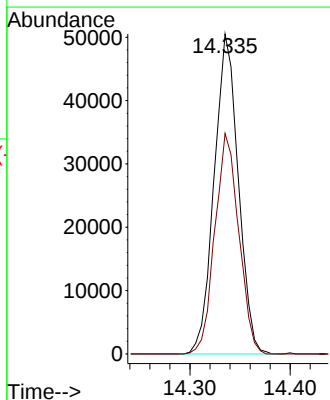
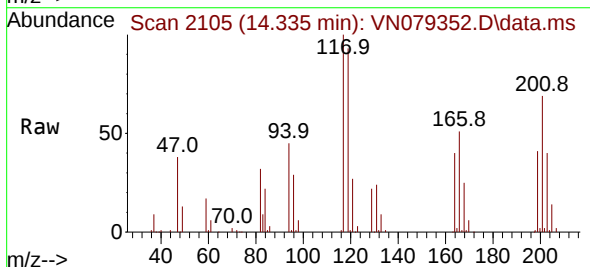
Supervised By :Mahesh
Dadoda
09/27/2023

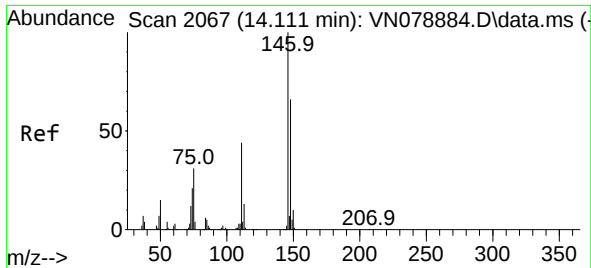
09/27/2023
Supervised By :Mahesh
Dadoda



#90
Hexachloroethane
Concen: 48.099 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:117 Resp: 84314
Ion Ratio Lower Upper
117 100
201 68.3 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 45.828 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:146 Resp: 213919
Ion Ratio Lower Upper
146 100
111 42.9 22.0 66.0
148 63.4 31.8 95.3

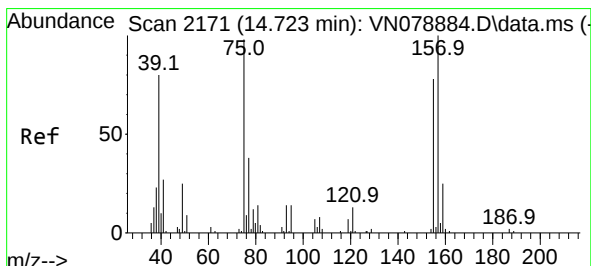
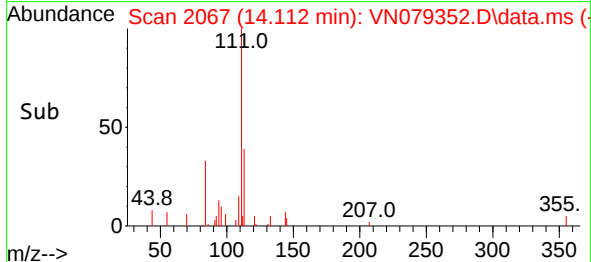
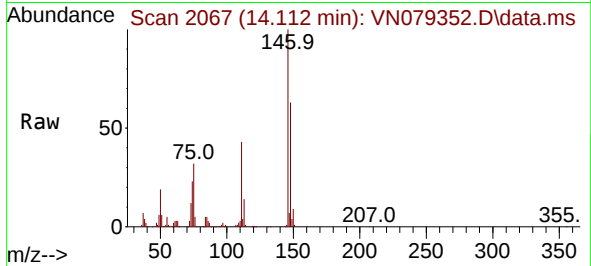
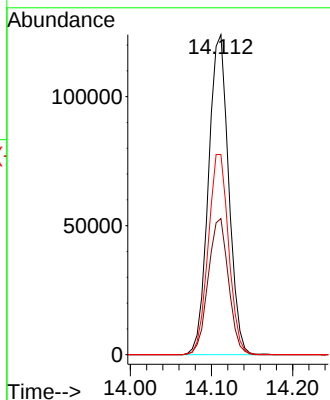
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Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

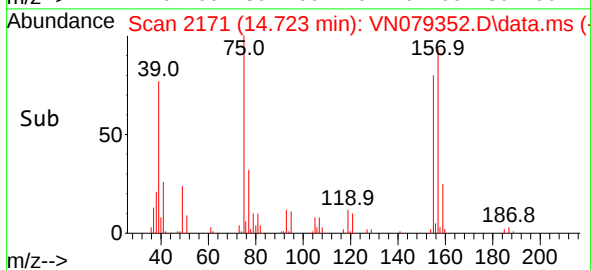
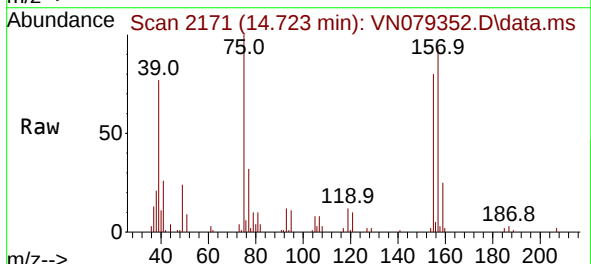
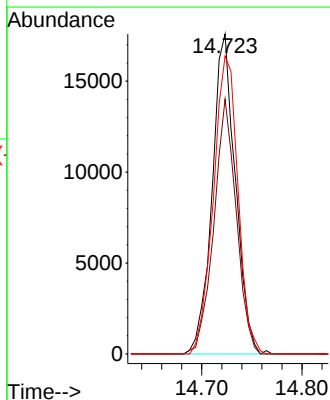
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Supervised By :Mahesh
Dadoda

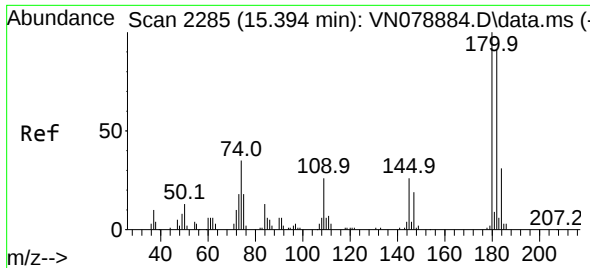
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#92
1,2-Dibromo-3-Chloropropane
Concen: 43.895 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion: 75 Resp: 28290
Ion Ratio Lower Upper
75 100
155 76.7 39.1 117.2
157 98.6 50.3 150.9





#93
1,2,4-Trichlorobenzene
Concen: 45.694 ug/l
RT: 15.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion:180 Resp: 76649
Ion Ratio Lower Upper
180 100
182 95.0 46.1 138.2
145 31.9 16.6 49.8

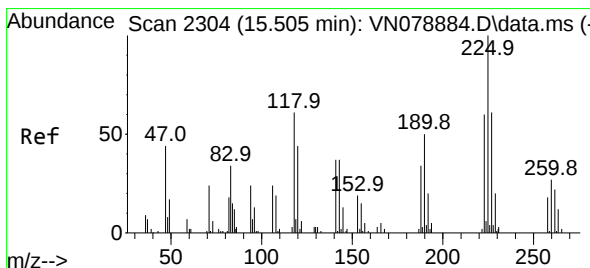
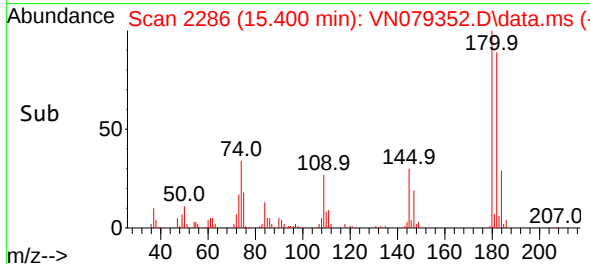
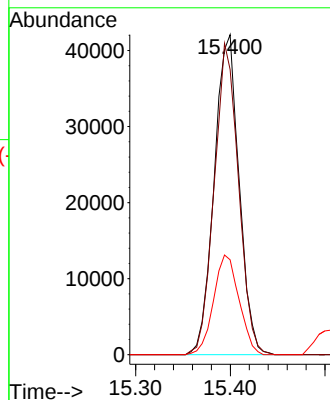
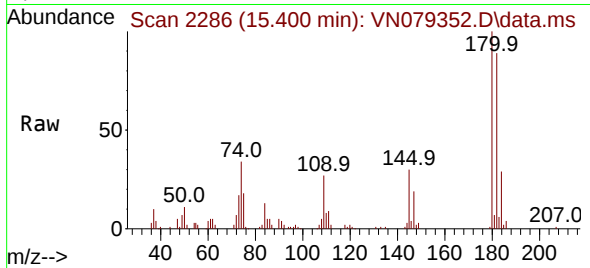
Manual Integrations
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Supervised By :Mahesh
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09/27/2023

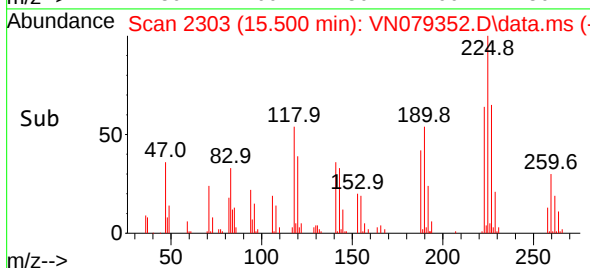
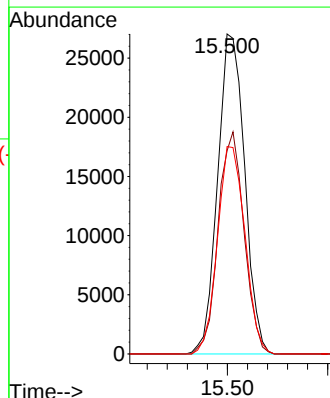
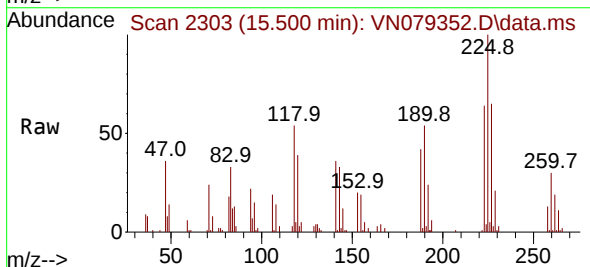
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Supervised By :Mahesh
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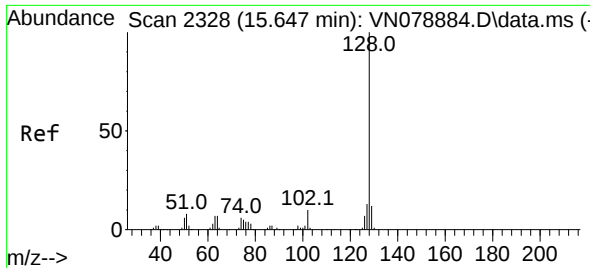
09/27/2023



#94
Hexachlorobutadiene
Concen: 38.337 ug/l
RT: 15.500 min Scan# 2303
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

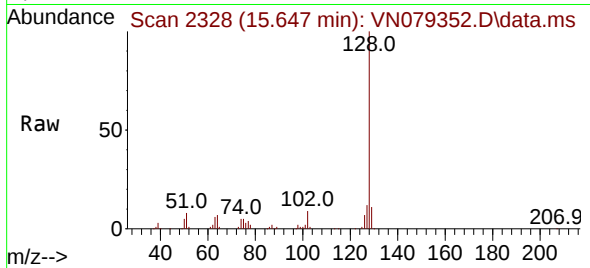
Tgt Ion:225 Resp: 50588
Ion Ratio Lower Upper
225 100
223 66.5 31.3 93.8
227 65.9 31.9 95.9





#95
Naphthalene
Concen: 40.398 ug/l
RT: 15.647 min Scan# 2126
Delta R.T. -0.000 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



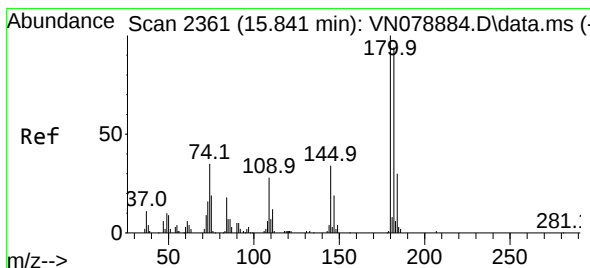
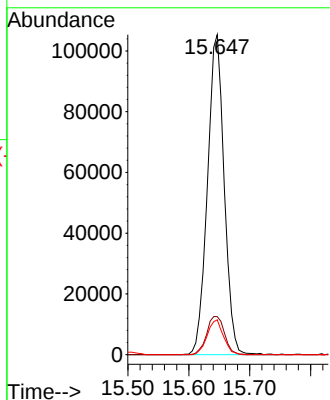
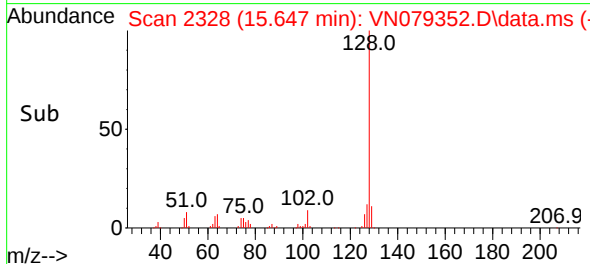
Tgt Ion:128 Resp: 201260
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
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Reviewed By :John
Carlone

Supervised By :Mahesh
Dadoda
09/27/2023

09/27/2023
Supervised By :Mahesh
Dadoda



#96
1,2,3-Trichlorobenzene
Concen: 40.655 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. -0.006 min
Lab File: VN079352.D
Acq: 26 Sep 2023 16:26

Tgt Ion:180 Resp: 80443
Ion Ratio Lower Upper
180 100
182 96.9 46.2 138.6
145 35.7 17.5 52.6

