

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082923\
 Data File : VN079081.D
 Acq On : 29 Aug 2023 09:21
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Aug 29 23:34:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N081723W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Aug 18 05:21:14 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/30/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Bromochloromethane	7.818	128	39746	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	215097	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.871	117	197311	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	95435	29.638	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	98.800%
60) 4-Bromofluorobenzene	12.853	95	85676	29.767	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.233%
63) Toluene-d8	10.571	98	281584	30.560	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.867%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	46022	18.350	ug/l	98
3) Chloromethane	2.365	50	54095	17.997	ug/l	92
4) Vinyl Chloride	2.518	62	56148	18.874	ug/l	99
5) Bromomethane	2.954	94	35373	19.263	ug/l	95
6) Chloroethane	3.124	64	40191	20.790	ug/l	97
7) Trichlorofluoromethane	3.501	101	77187	19.264	ug/l	95
8) Diethyl Ether	3.959	74	26689	17.710	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.371	101	42443m	20.282	ug/l	
10) 1,1-Dichloroethene	4.342	96	41703	19.809	ug/l	95
11) Methyl Iodide	4.595	142	50675	19.947	ug/l	98
12) Methyl Acetate	5.030	43	89177	18.071	ug/l	99
13) Acrolein	4.183	56	31891	92.721	ug/l	92
14) Acrylonitrile	5.724	53	121017	93.292	ug/l #	91
15) Acetone	4.430	58	39370	98.939	ug/l	96
16) Carbon Disulfide	4.718	76	111466	18.427	ug/l	100
17) Allyl chloride	5.024	41	69906	18.116	ug/l	96
18) Methylene Chloride	5.283	84	51203	20.344	ug/l #	94
19) trans-1,2-Dichloroethene	5.795	96	45536	19.218	ug/l	97
20) Diisopropyl ether	6.677	45	168611	20.088	ug/l #	88
21) 1,1-Dichloroethane	6.565	63	92909	19.947	ug/l	95
22) cis-1,2-Dichloroethene	7.494	96	49683	18.321	ug/l	96
23) tert-Butyl Alcohol	5.530	59	43056	88.983	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	140340	18.779	ug/l	99
25) Chloroform	7.971	83	90710	19.332	ug/l	98
26) Cyclohexane	8.265	56	60801	17.845	ug/l #	100
29) 1,1-Dichloropropene	8.371	75	62362	19.059	ug/l	97
30) 2-Butanone	7.489	43	170834	89.184	ug/l	98
31) 2,2-Dichloropropane	7.489	77	74229	20.526	ug/l #	78
32) 1,1,1-Trichloroethane	8.171	97	75426	19.308	ug/l	97
33) Carbon Tetrachloride	8.371	117	65476	19.350	ug/l	96
34) Benzene	8.612	78	191286	19.508	ug/l	99
35) Methacrylonitrile	7.777	41	35764	17.518	ug/l	89
36) 1,2-Dichloroethane	8.677	62	73425	19.996	ug/l	97
37) Trichloroethene	9.359	130	47085	19.291	ug/l	96
38) Methylcyclohexane	9.600	83	53497	18.571	ug/l	93
39) 1,2-Dichloropropane	9.630	63	51137	19.361	ug/l	100
40) Dibromomethane	9.712	93	34011	19.210	ug/l	96
41) Bromodichloromethane	9.894	83	71800	20.166	ug/l	96
42) Vinyl Acetate	6.612	43	506933	93.865	ug/l	98

09/01/2023

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.565	43	70946m	19.091	ug/l	
44) Isopropyl Acetate	8.694	43	113614	17.351	ug/l	99
45) 1,4-Dioxane	9.700	88	16690	338.715	ug/l	98
46) Methyl methacrylate	9.682	41	51870	17.979	ug/l	92
47) n-amyl Acetate	12.500	43	86830	17.280	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	70133	18.495	ug/l	95
49) cis-1,3-Dichloropropene	10.318	75	76962	18.927	ug/l	91
50) 1,1,2-Trichloroethane	11.018	97	46781	19.553	ug/l	91
51) Ethyl methacrylate	10.877	69	64565	17.435	ug/l	94
52) 1,3-Dichloropropane	11.165	76	83874	19.572	ug/l	99
53) Dibromochloromethane	11.365	129	51651	19.725	ug/l	95
54) 1,2-Dibromoethane	11.471	107	46706	19.015	ug/l	95
55) 2-Chloroethyl vinyl ether	10.165	63	141493	82.666	ug/l	98
56) Bromoform	12.576	173	35451	19.188	ug/l	95
58) 4-Methyl-2-Pentanone	10.447	43	340678	87.025	ug/l	99
59) 2-Hexanone	11.200	43	243900	85.035	ug/l	99
61) Tetrachloroethene	11.106	164	39438	20.643	ug/l	91
62) Toluene	10.635	91	210706	19.560	ug/l	99
64) Chlorobenzene	11.894	112	121479	18.756	ug/l	94
65) 1,1,1,2-Tetrachloroethane	11.965	131	46444	18.754	ug/l	93
66) Ethyl Benzene	11.965	91	207680	18.431	ug/l	99
67) m/p-Xylenes	12.076	106	161909	38.538	ug/l	99
68) o-Xylene	12.400	106	75758	18.288	ug/l	99
69) Styrene	12.418	104	123670	18.373	ug/l	97
70) Isopropylbenzene	12.700	105	191764	19.106	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.941	83	68683	18.254	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	55122m	17.858	ug/l	
73) Bromobenzene	12.982	156	46979	18.385	ug/l	96
74) n-propylbenzene	13.041	91	224471	19.733	ug/l	99
75) 2-Chlorotoluene	13.129	91	140723	19.500	ug/l	99
76) 1,3,5-Trimethylbenzene	13.176	105	159772	20.081	ug/l	99
77) t-1,4-Dichloro-2-butene	12.741	75	17500	15.256	ug/l	95
78) 4-Chlorotoluene	13.223	91	130966	18.943	ug/l	100
79) tert-butylbenzene	13.441	119	125674	18.692	ug/l	99
80) 1,2,4-Trimethylbenzene	13.488	105	158678	20.282	ug/l	97
81) sec-Butylbenzene	13.618	105	176118	19.848	ug/l	97
82) p-Isopropyltoluene	13.735	119	142909	19.726	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	81530	19.771	ug/l	94
84) 1,4-Dichlorobenzene	13.812	146	74431	18.384	ug/l	97
85) n-Butylbenzene	14.059	91	109208	19.166	ug/l	98
86) Hexachloroethane	14.335	117	29677	20.020	ug/l	89
87) 1,2-Dichlorobenzene	14.106	146	78237	18.523	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	10743	15.908	ug/l	90
89) 1,2,4-Trichlorobenzene	15.841	180	24714	14.816	ug/l	90
90) Hexachlorobutadiene	15.506	225	17470	20.116	ug/l	99
91) Naphthalene	15.641	128	60791	12.636	ug/l	98
92) 1,2,3-Trichlorobenzene	15.841	180	24714	14.816	ug/l	90

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

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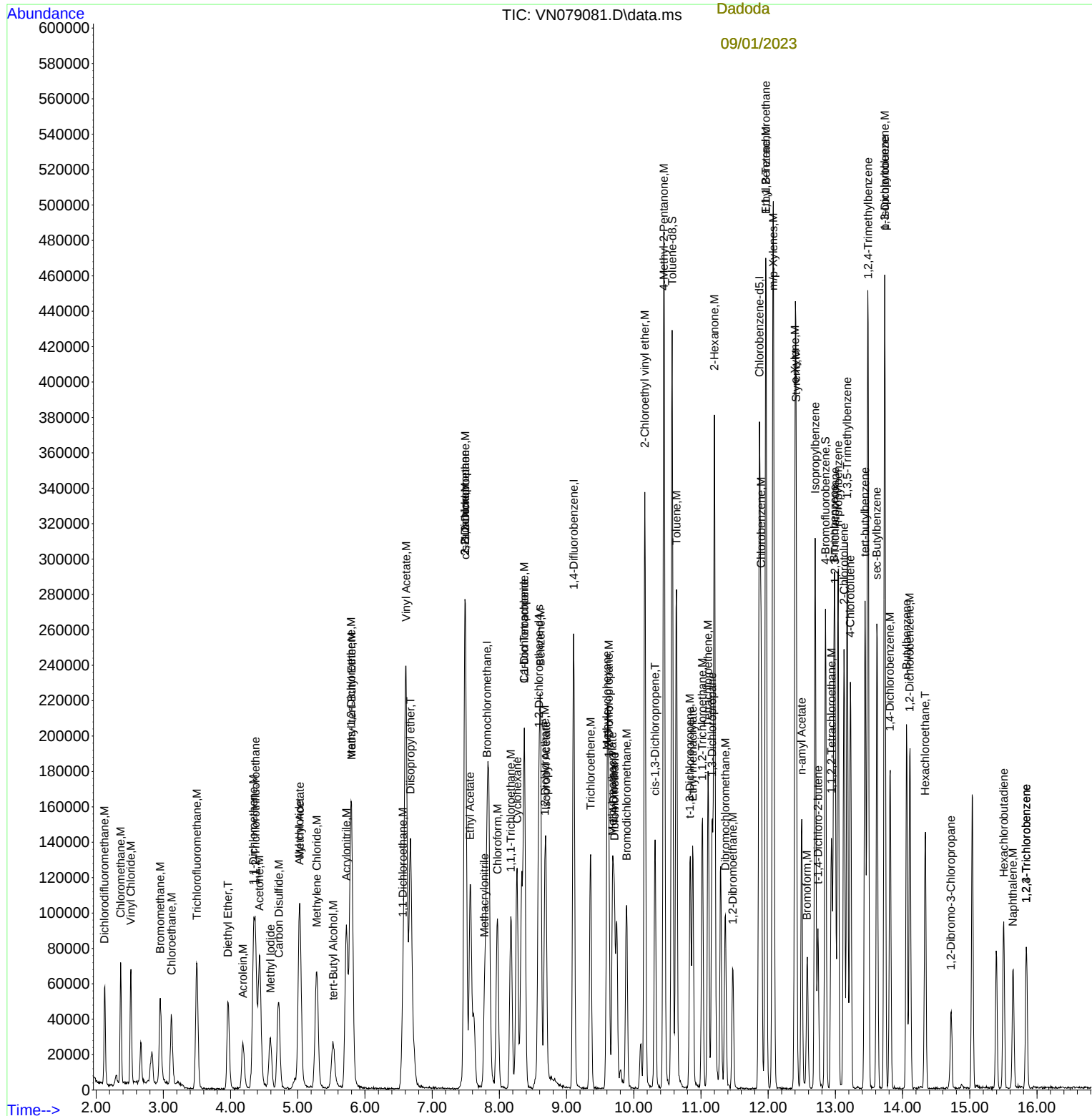
Manual Integrations
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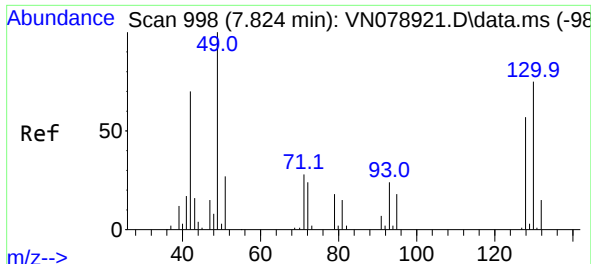
Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

09/01/2023

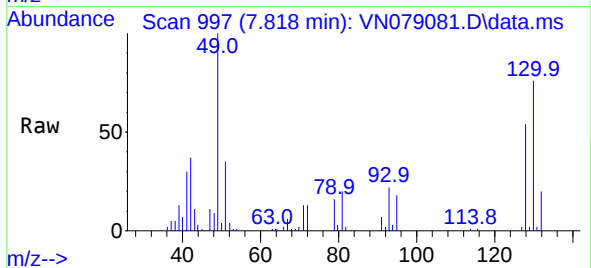
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Aug 18 05:21:14 2023
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#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



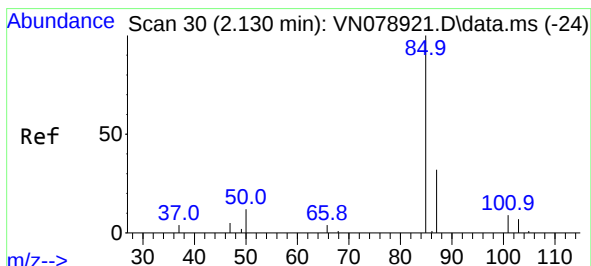
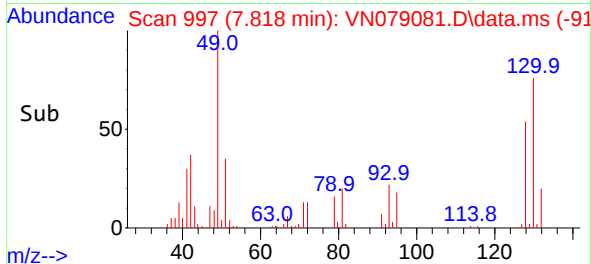
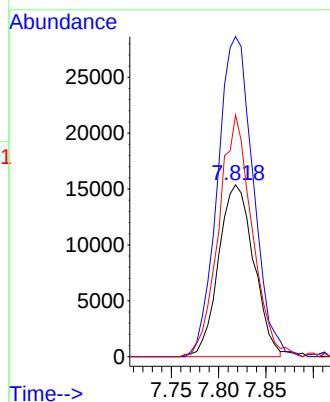
Tgt Ion:128 Resp: 39740
Ion Ratio Lower Upper
128 100
49 188.3 0.0 481.8
130 133.1 0.0 320.5

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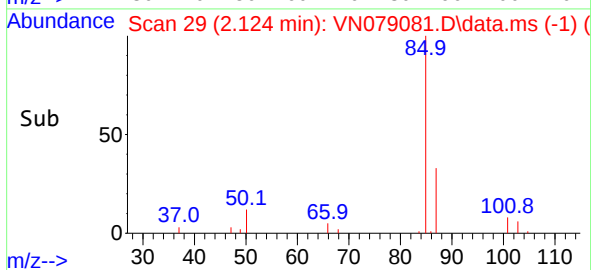
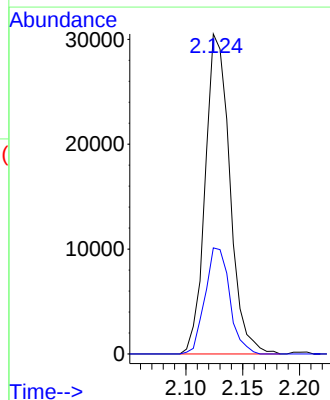
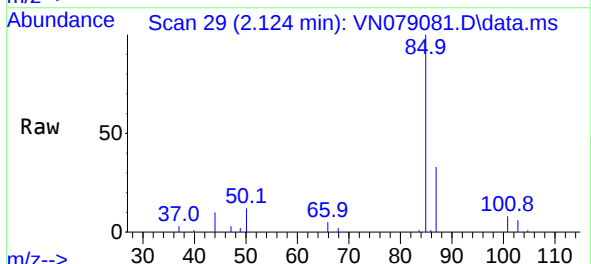
08/30/2023
Supervised By :Mahesh
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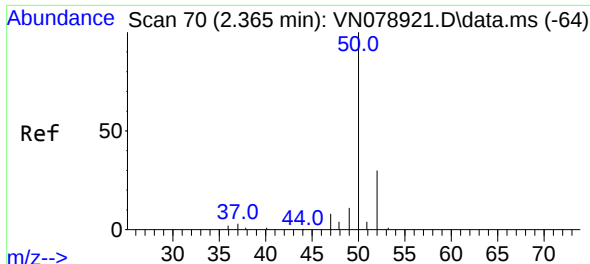
09/01/2023



#2
Dichlorodifluoromethane
Concen: 18.350 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

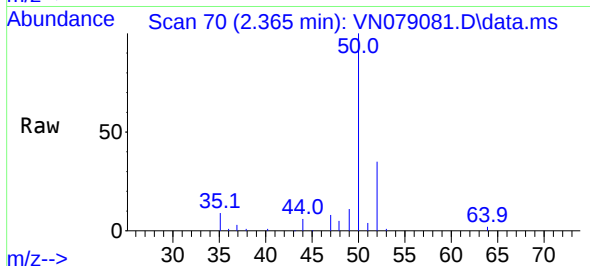
Tgt Ion: 85 Resp: 46022
Ion Ratio Lower Upper
85 100
87 33.1 15.9 47.7





#3
Chloromethane
Concen: 17.997 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



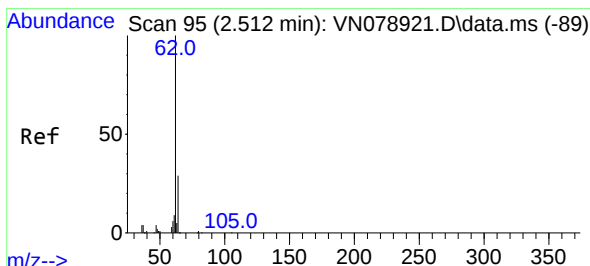
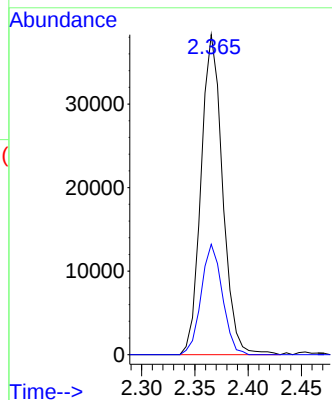
Tgt Ion: 50 Resp: 5409
Ion Ratio Lower Upper
50 100
52 34.5 24.2 36.4

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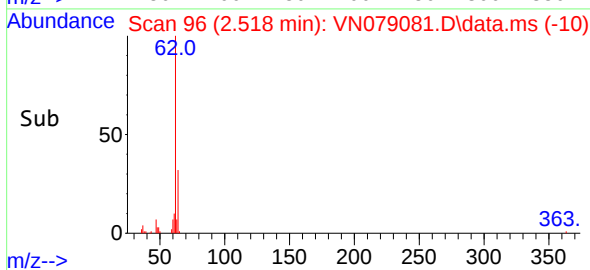
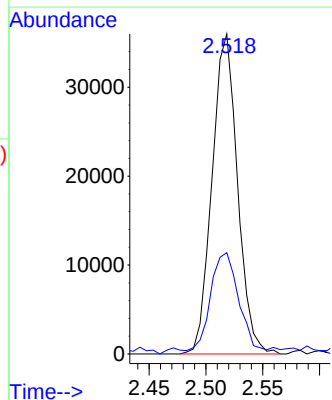
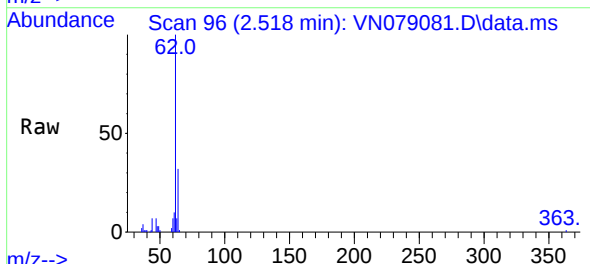
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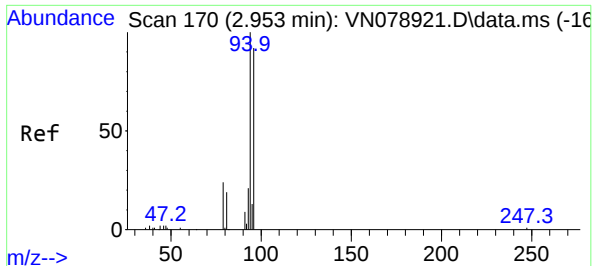
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#4
Vinyl Chloride
Concen: 18.874 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

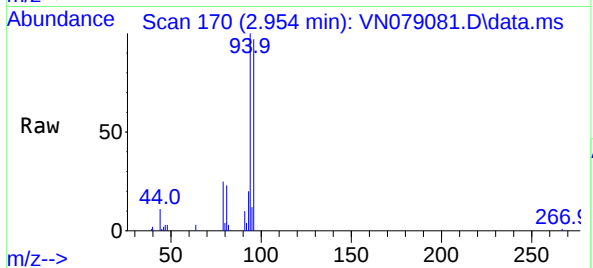
Tgt Ion: 62 Resp: 56148
Ion Ratio Lower Upper
62 100
64 30.5 23.8 35.8





#5
Bromomethane
Concen: 19.263 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



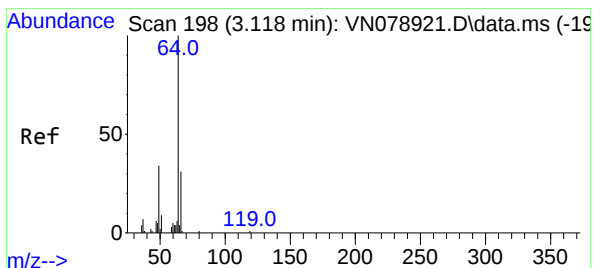
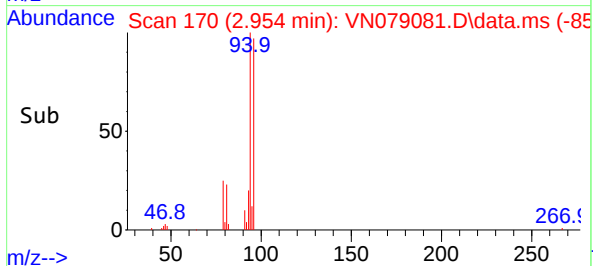
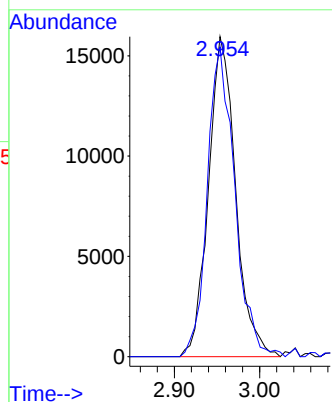
Tgt Ion: 94 Resp: 3537
Ion Ratio Lower Upper
94 100
96 96.8 73.6 110.4

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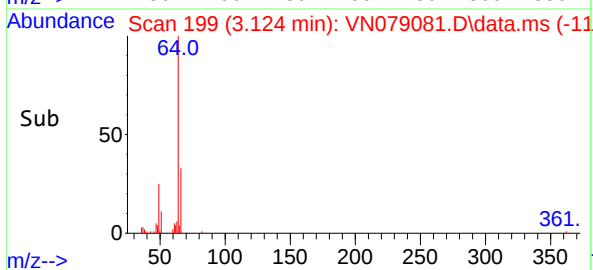
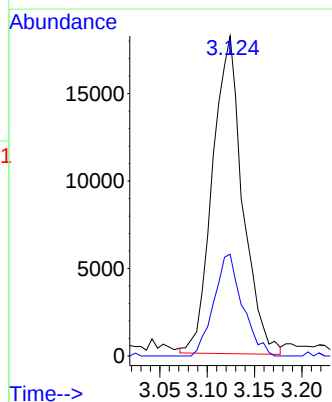
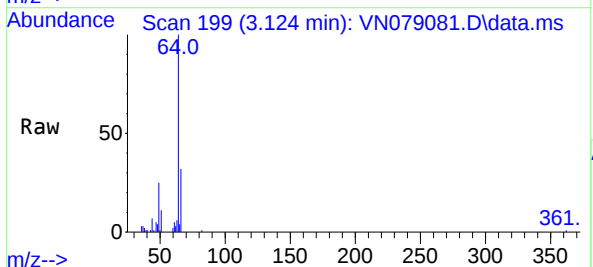
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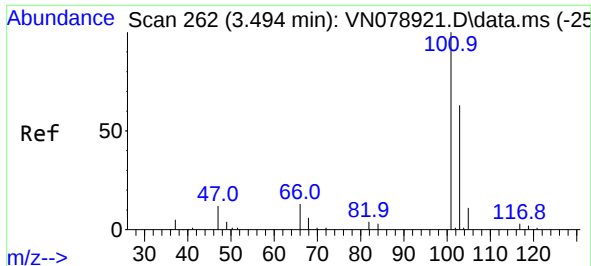
09/01/2023



#6
Chloroethane
Concen: 20.790 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 64 Resp: 40191
Ion Ratio Lower Upper
64 100
66 32.6 24.9 37.3





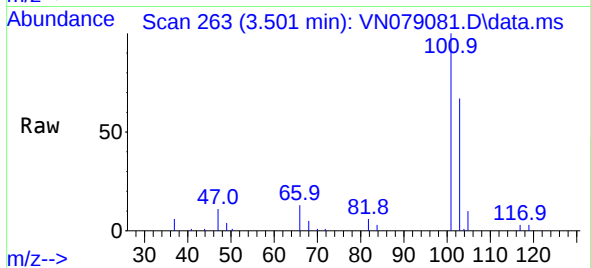
#7
Trichlorofluoromethane
Concen: 19.264 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

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Tgt Ion:101 Resp: 7718
Ion Ratio Lower Upper
101 100
103 67.5 50.9 76.3

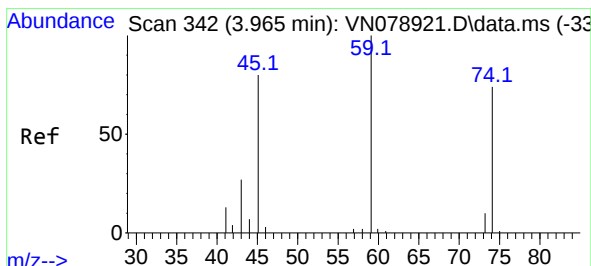
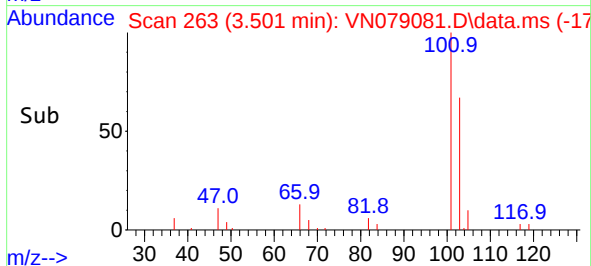
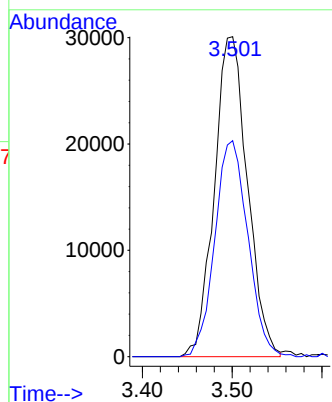
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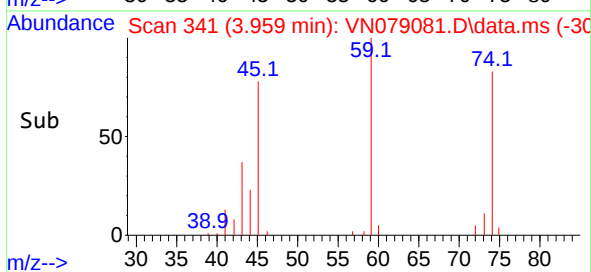
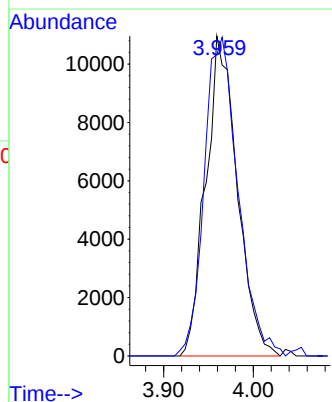
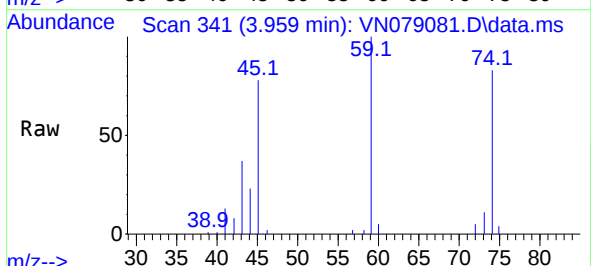
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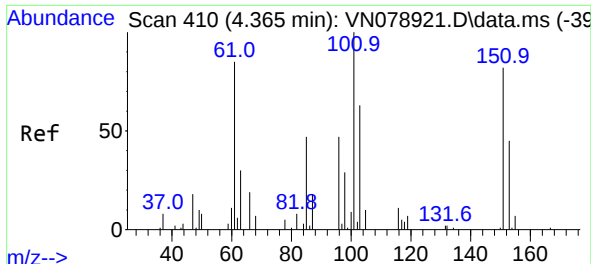
09/01/2023



#8
Diethyl Ether
Concen: 17.710 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 74 Resp: 26689
Ion Ratio Lower Upper
74 100
45 106.9 21.3 191.9





#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.282 ug/l m
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN079081.D
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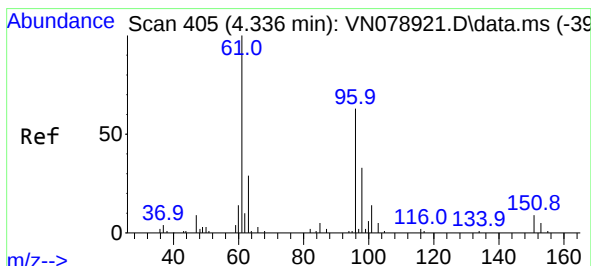
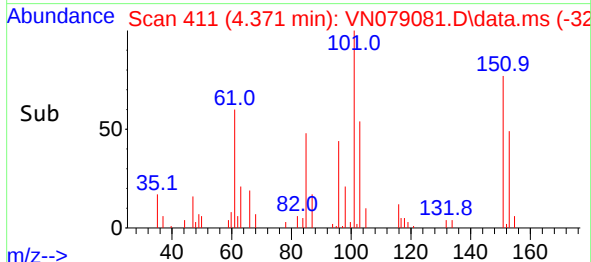
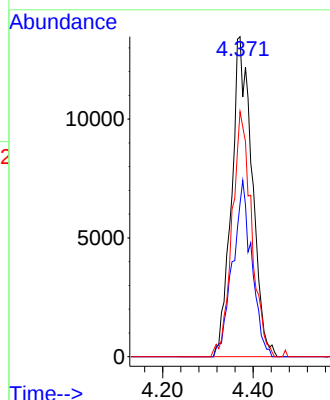
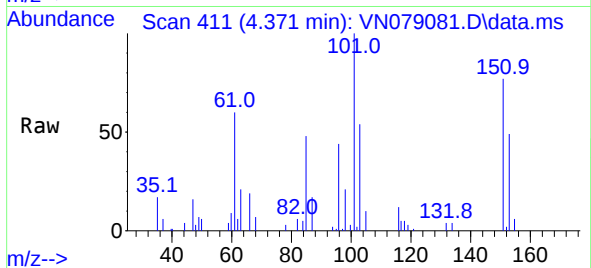
Tgt Ion:101 Resp: 4244
Ion Ratio Lower Upper
101 100
85 50.9 0.0 65.4
151 71.5 0.0 156.8

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APPROVED

Reviewed By :John
Carlone

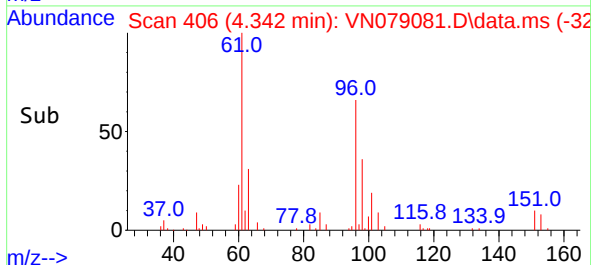
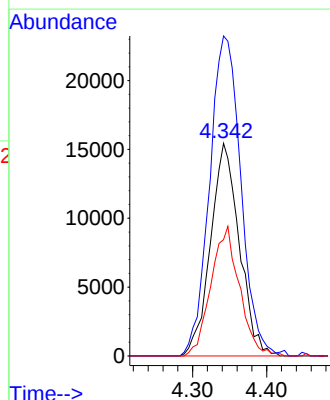
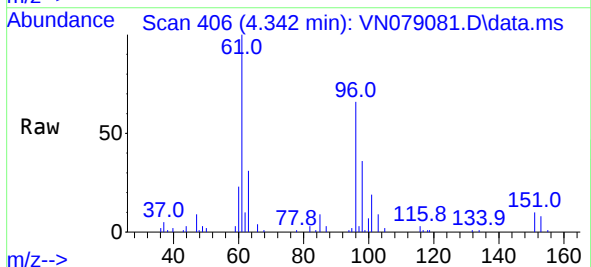
08/30/2023
Supervised By :Mahesh
Dadoda

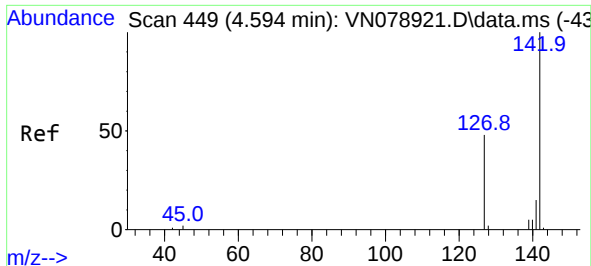
09/01/2023



#10
1,1-Dichloroethene
Concen: 19.809 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 96 Resp: 41703
Ion Ratio Lower Upper
96 100
61 150.4 126.2 189.4
98 54.7 41.7 62.5





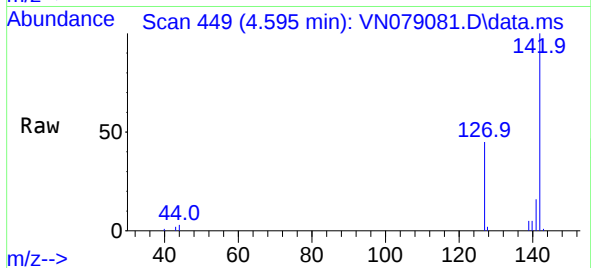
#11
Methyl Iodide
Concen: 19.947 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:142 Resp: 5067
Ion Ratio Lower Upper
142 100
127 47.0 24.3 72.9
141 15.1 7.3 22.0

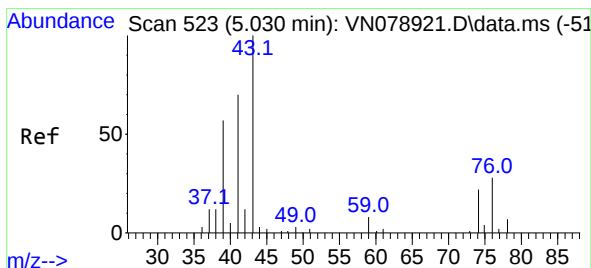
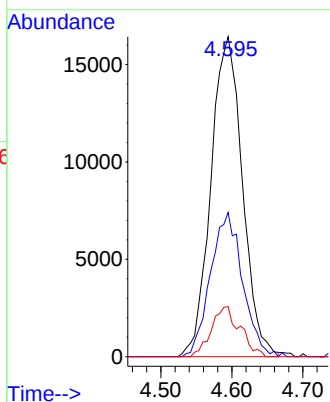
Manual Integrations
APPROVED

Reviewed By :John
Carlone

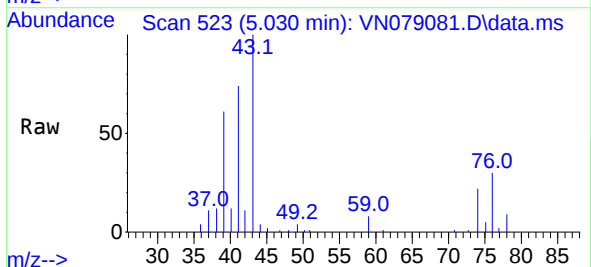
08/30/2023

Supervised By :Mahesh
Dadoda

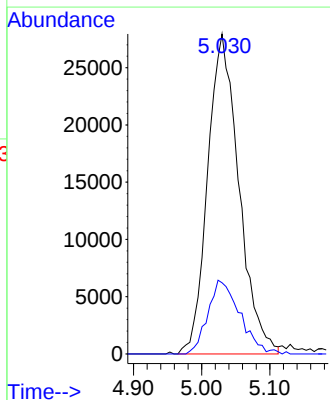
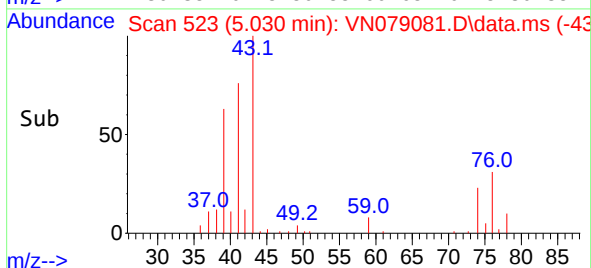
09/01/2023

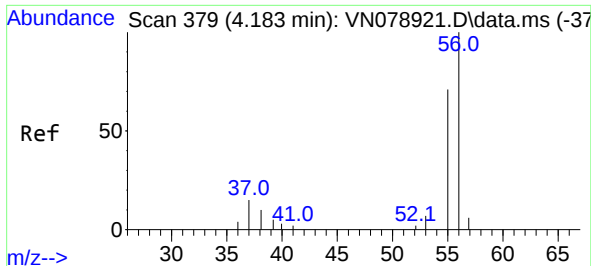


#12
Methyl Acetate
Concen: 18.071 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21



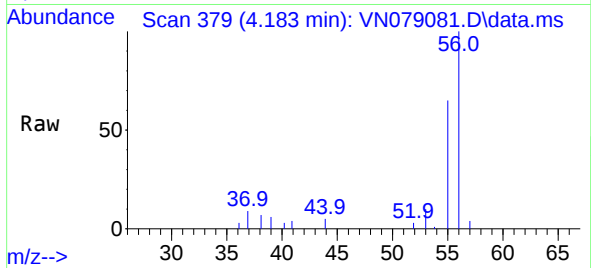
Tgt Ion: 43 Resp: 89177
Ion Ratio Lower Upper
43 100
74 22.2 17.5 26.3





#13
Acrolein
Concen: 92.721 ug/l
RT: 4.183 min Scan# 3189
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



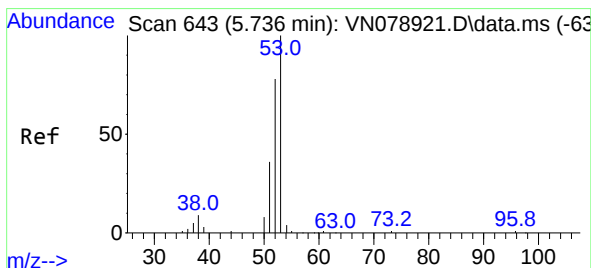
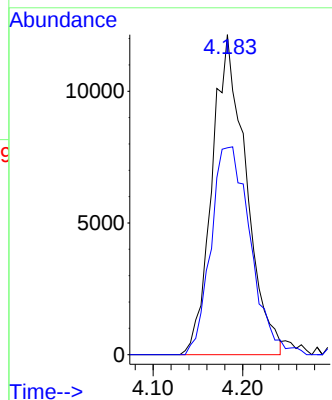
Tgt Ion: 56 Resp: 3189
Ion Ratio Lower Upper
56 100
55 74.8 54.5 81.7

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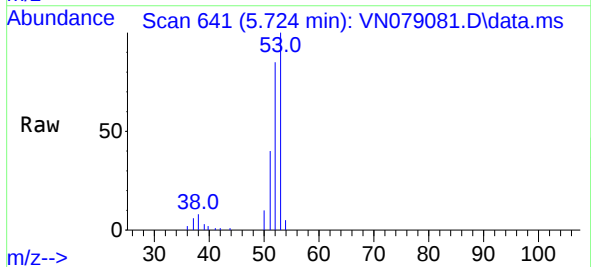
Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

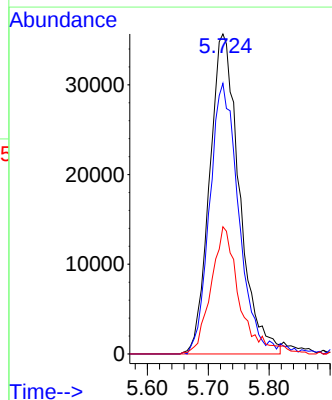
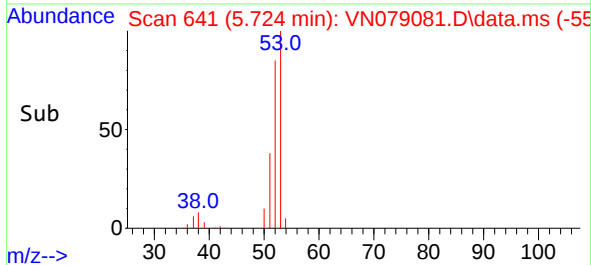
09/01/2023

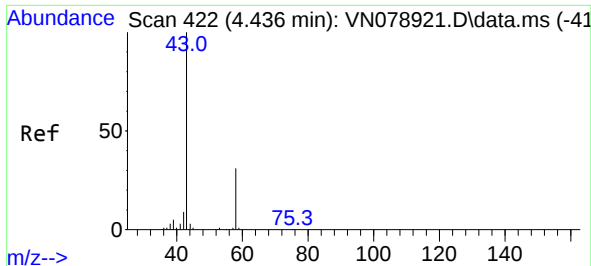


#14
Acrylonitrile
Concen: 93.292 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.012 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21



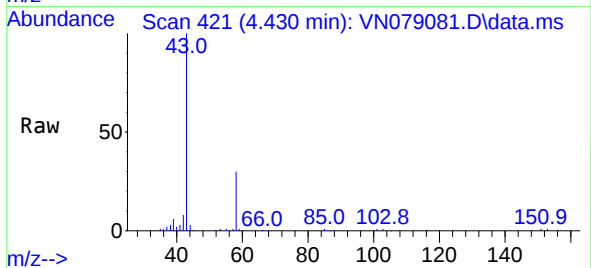
Tgt Ion: 53 Resp: 121017
Ion Ratio Lower Upper
53 100
52 81.3 41.9 125.6
51 36.7 10.1 30.1#





#15
Acetone
Concen: 98.939 ug/l
RT: 4.430 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



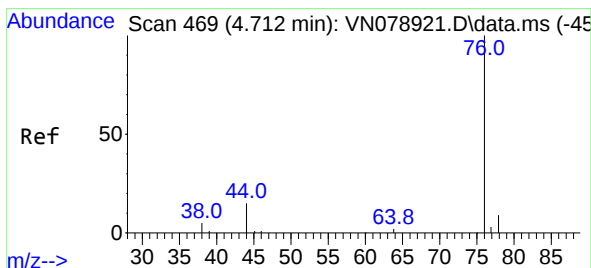
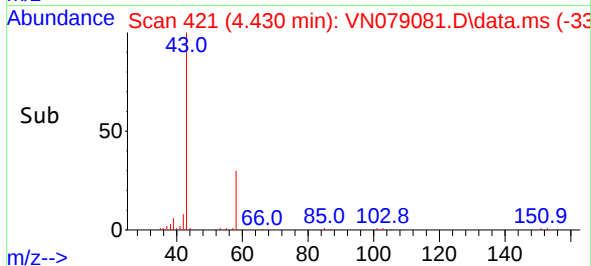
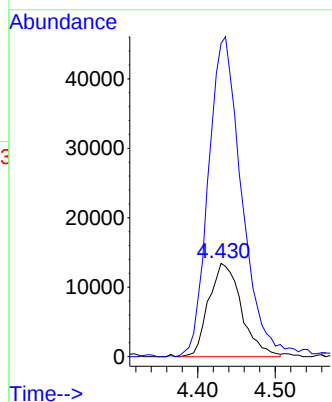
Tgt Ion: 58 Resp: 39370
Ion Ratio Lower Upper
58 100
43 333.6 260.6 390.8

Manual Integrations
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Reviewed By :John
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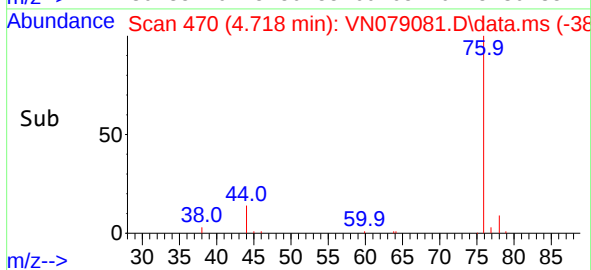
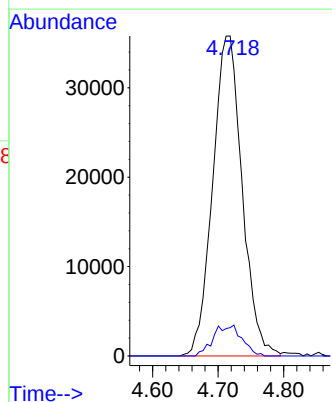
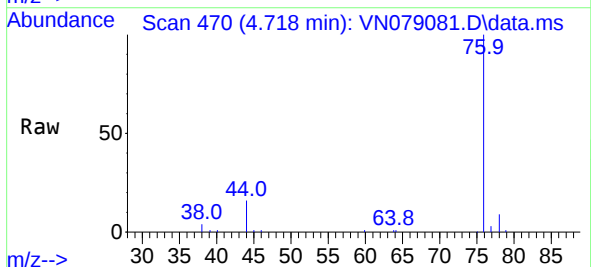
08/30/2023
Supervised By :Mahesh
Dadoda

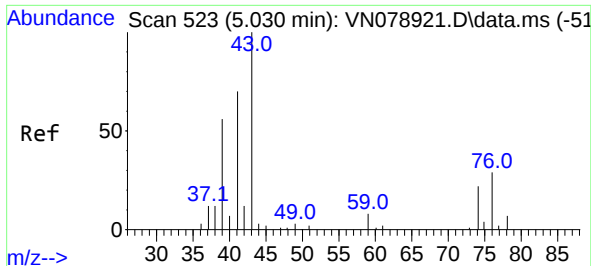
09/01/2023



#16
Carbon Disulfide
Concen: 18.427 ug/l
RT: 4.718 min Scan# 470
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 76 Resp: 111466
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.6





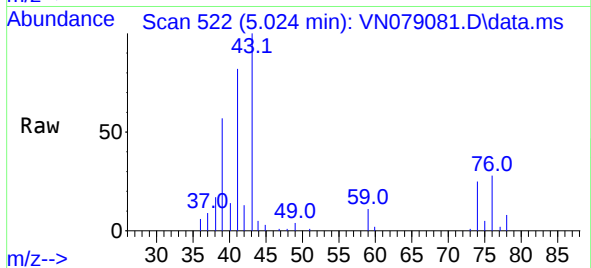
#17
 Allyl chloride
 Concen: 18.116 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VN079081.D
 Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 41 Resp: 69900
 Ion Ratio Lower Upper
 41 100
 39 69.3 36.9 110.7
 76 35.3 17.3 51.9

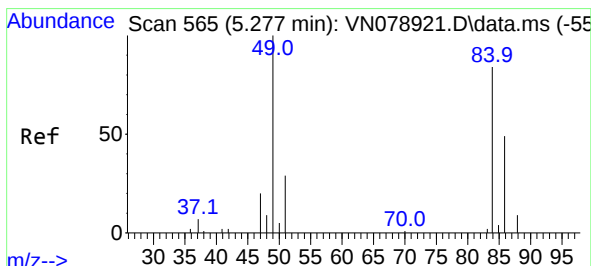
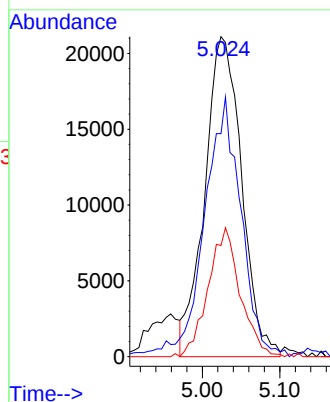
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Reviewed By :John
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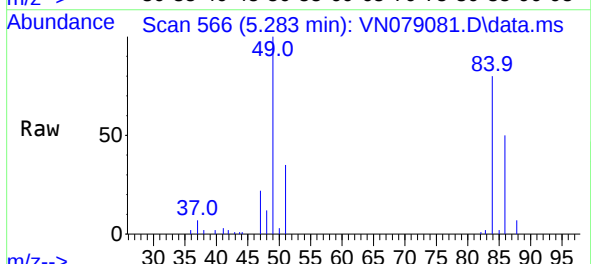
08/30/2023

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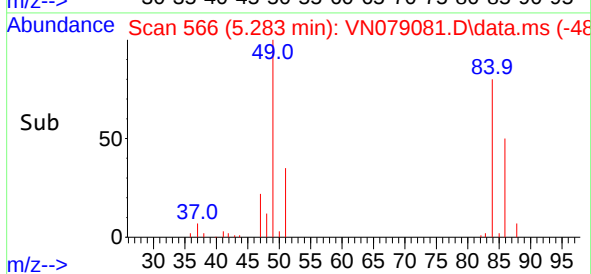
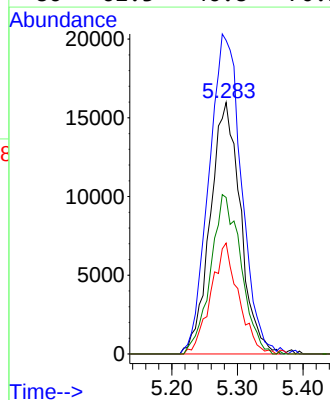
09/01/2023

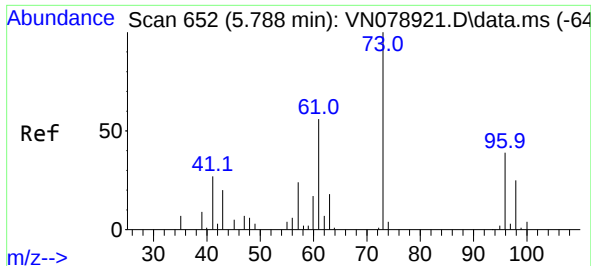


#18
 Methylene Chloride
 Concen: 20.344 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN079081.D
 Acq: 29 Aug 2023 09:21



Tgt Ion: 84 Resp: 51203
 Ion Ratio Lower Upper
 84 100
 49 124.7 95.8 143.6
 51 44.1 28.6 43.0#
 86 62.3 46.8 70.2





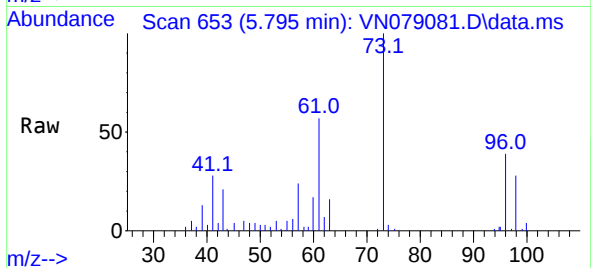
#19
trans-1,2-Dichloroethene
Concen: 19.218 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion: 96 Resp: 45536
Ion Ratio Lower Upper
96 100
61 142.9 114.0 171.0
98 71.2 50.6 76.0

Manual Integrations

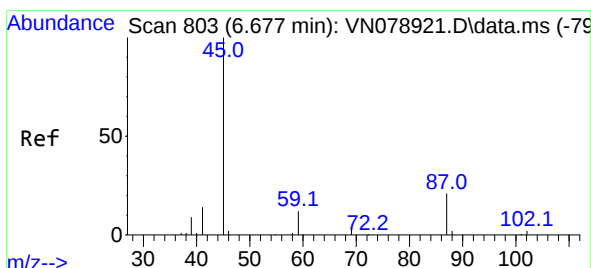
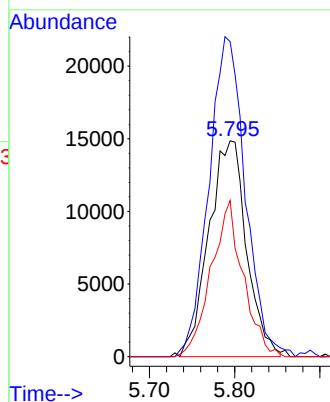
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Reviewed By :John
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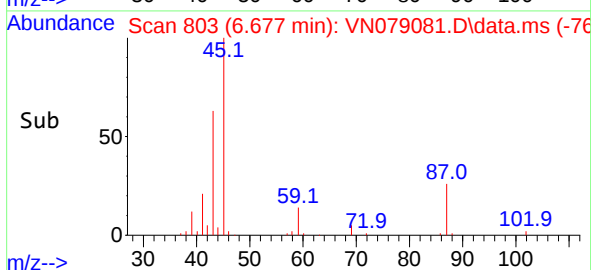
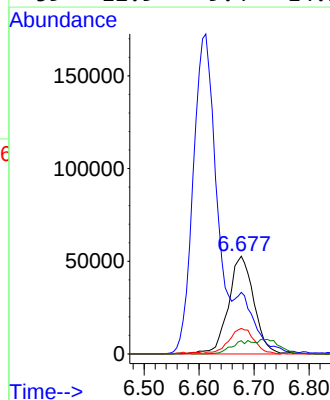
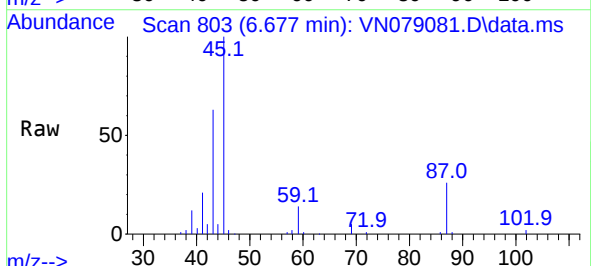
Supervised By :Mahesh
Dadoda

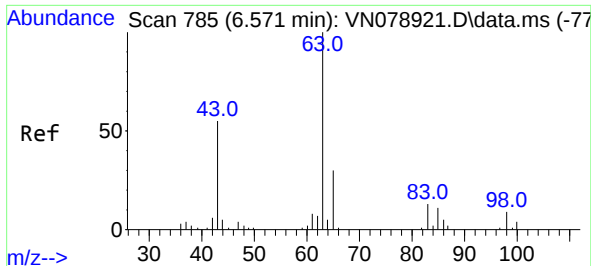
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#20
Diisopropyl ether
Concen: 20.088 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 45 Resp: 168611
Ion Ratio Lower Upper
45 100
43 57.0 37.4 56.2#
87 26.2 17.3 25.9#
59 12.9 9.4 14.2





#21
1,1-Dichloroethane
Concen: 19.947 ug/l
RT: 6.565 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

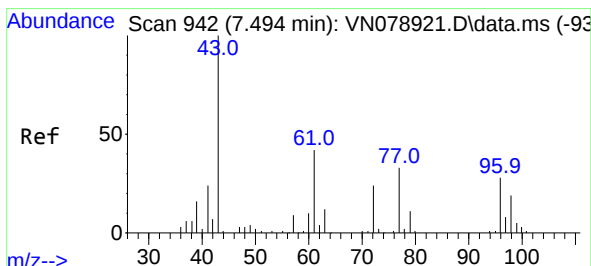
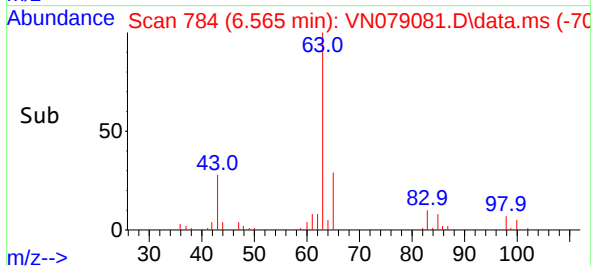
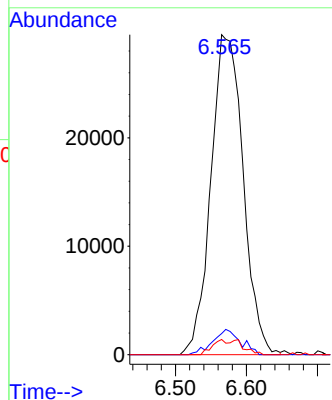
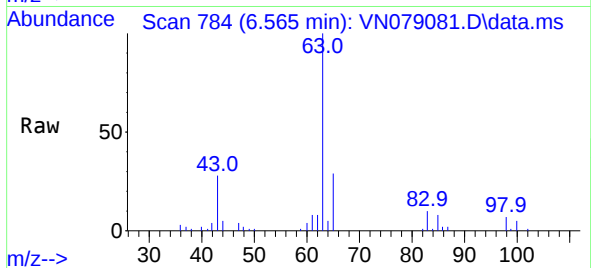
Tgt Ion: 63 Resp: 92909
Ion Ratio Lower Upper
63 100
98 6.6 4.4 13.2
100 4.8 2.1 6.5

Manual Integrations
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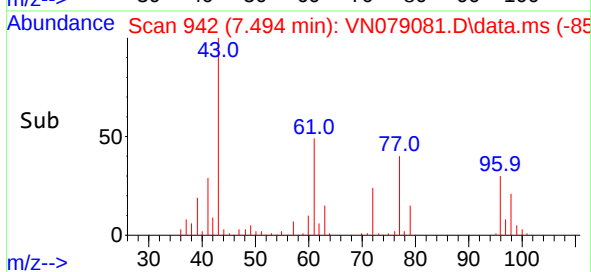
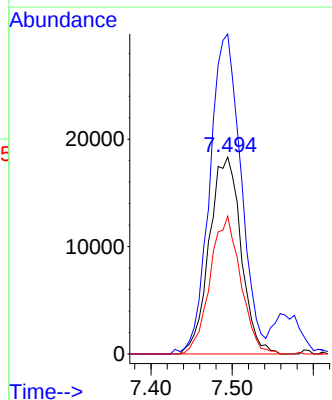
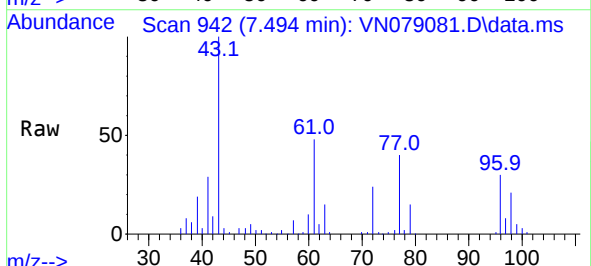
08/30/2023
Supervised By :Mahesh
Dadoda

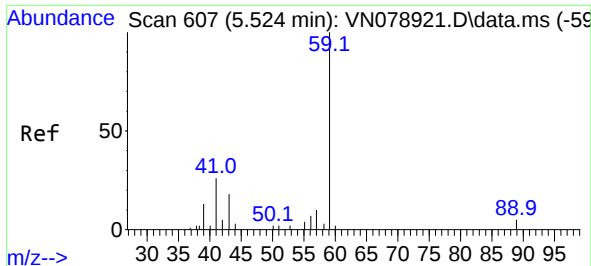
09/01/2023



#22
cis-1,2-Dichloroethene
Concen: 18.321 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

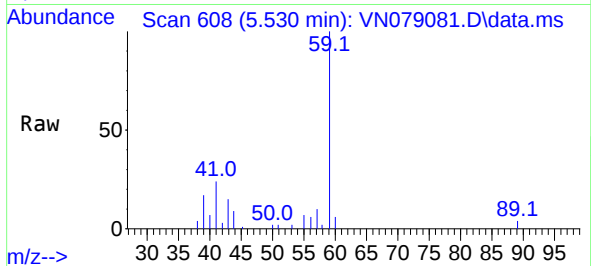
Tgt Ion: 96 Resp: 49683
Ion Ratio Lower Upper
96 100
61 157.3 121.8 182.6
98 67.4 50.7 76.1





#23
tert-Butyl Alcohol
Concen: 88.983 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



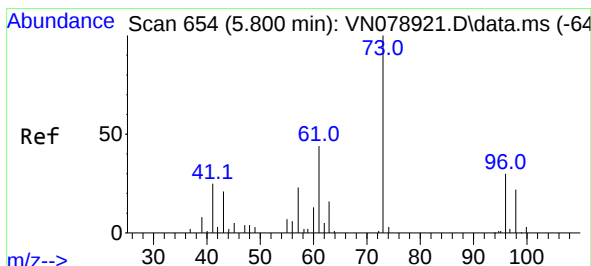
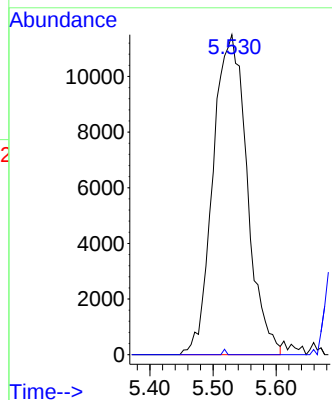
Tgt Ion: 59 Resp: 43050
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
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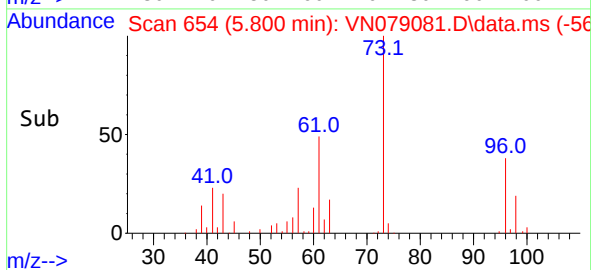
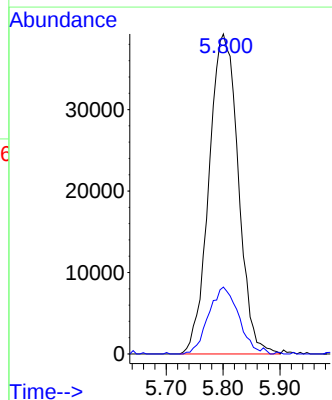
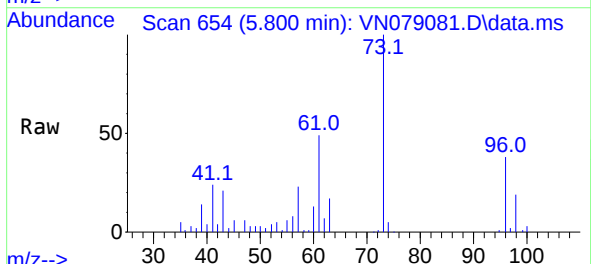
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Supervised By :Mahesh
Dadoda

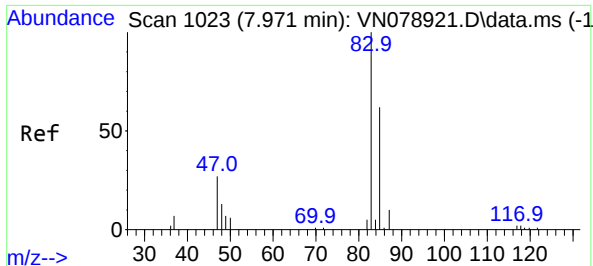
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#24
Methyl tert-Butyl Ether
Concen: 18.779 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

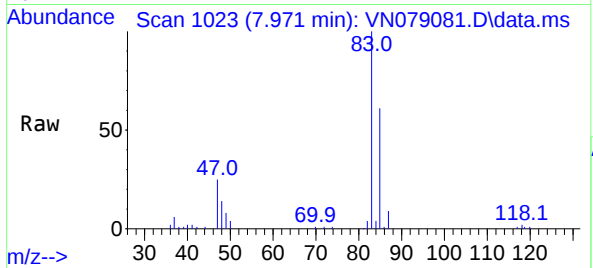
Tgt Ion: 73 Resp: 140340
Ion Ratio Lower Upper
73 100
43 21.3 17.3 25.9





#25
Chloroform
Concen: 19.332 ug/l
RT: 7.971 min Scan# 1023
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



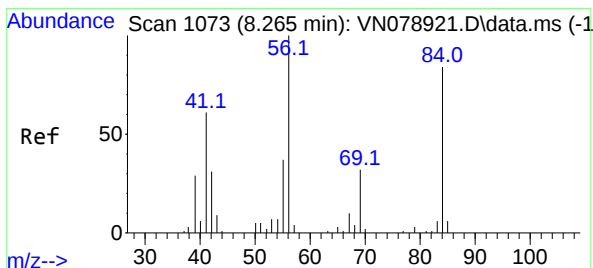
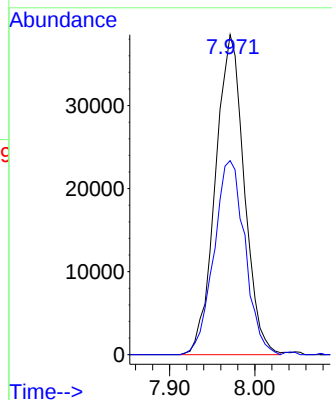
Tgt Ion: 83 Resp: 90710
Ion Ratio Lower Upper
83 100
85 60.6 49.6 74.4

Manual Integrations
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Reviewed By :John
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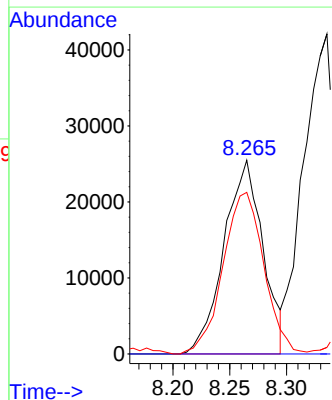
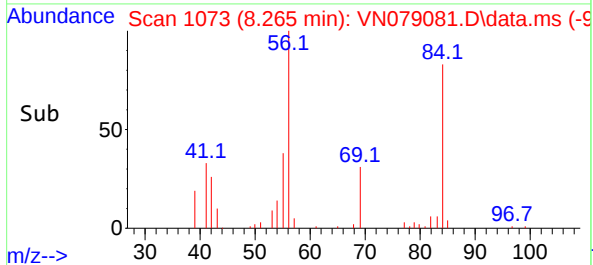
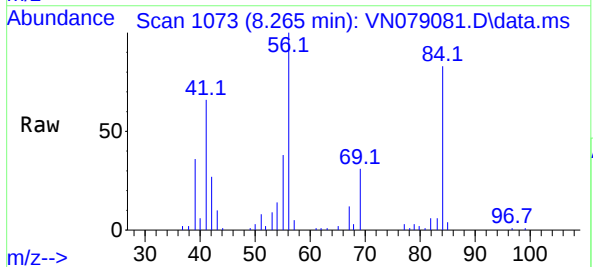
08/30/2023
Supervised By :Mahesh
Dadoda

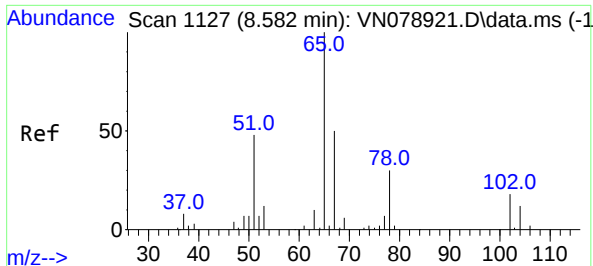
09/01/2023



#26
Cyclohexane
Concen: 17.845 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 56 Resp: 60801
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 87.6 70.1 105.1





#27
1,2-Dichloroethane-d4
Concen: 29.638 ug/l
RT: 8.588 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 65 Resp: 95438
Ion Ratio Lower Upper
65 100
67 53.3 40.7 61.1

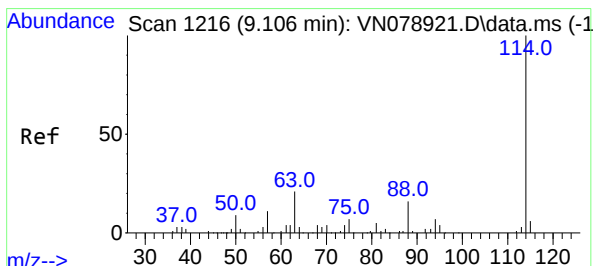
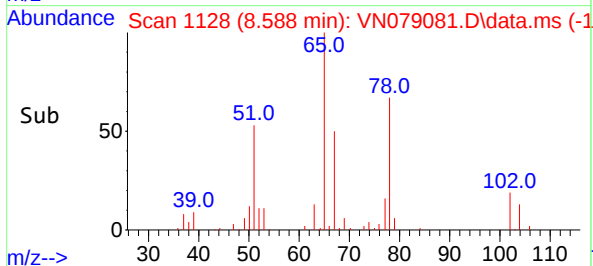
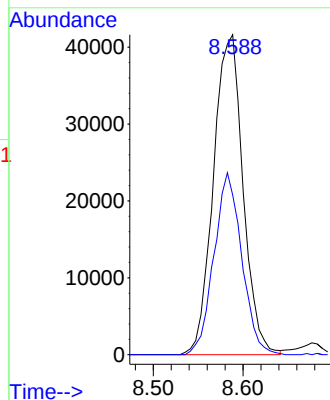
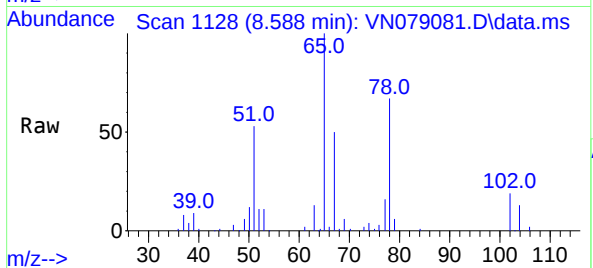
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/30/2023

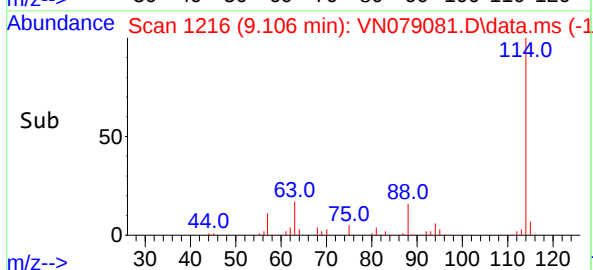
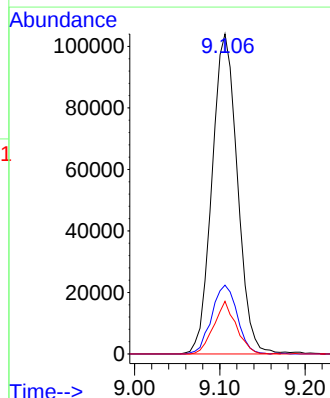
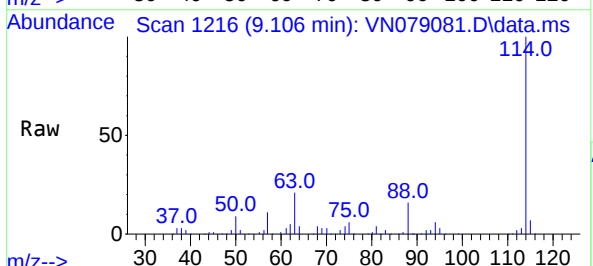
Supervised By :Mahesh
Dadoda

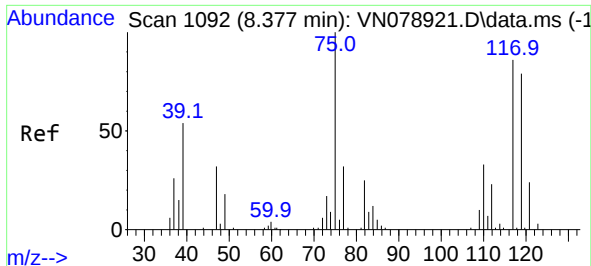
09/01/2023



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:114 Resp: 215097
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.2
88 14.6 12.0 18.0





#29
1,1-Dichloropropene
Concen: 19.059 ug/l
RT: 8.371 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion: 75 Resp: 62362
Ion Ratio Lower Upper
75 100
110 34.1 0.0 65.8
77 28.5 0.0 60.4

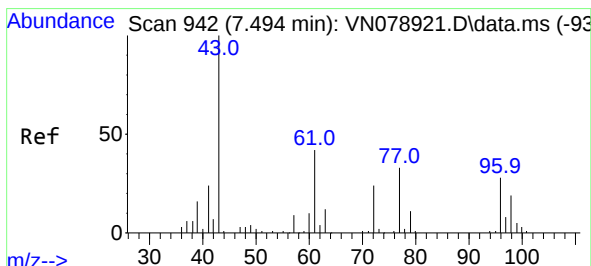
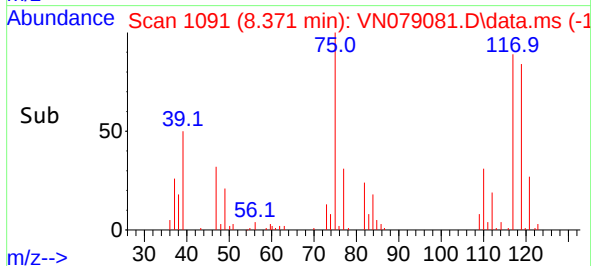
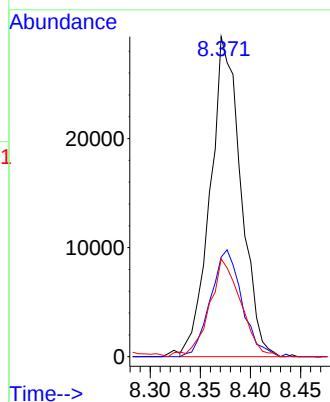
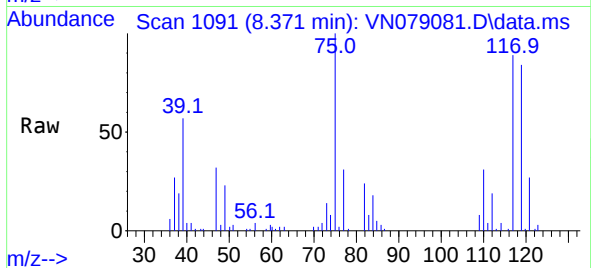
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Reviewed By :John
Carlone

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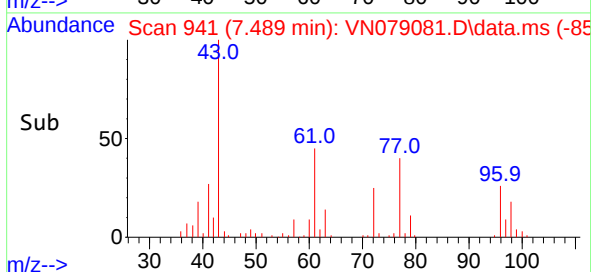
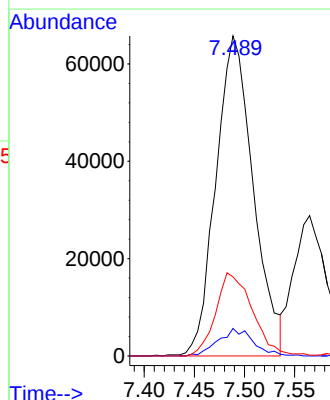
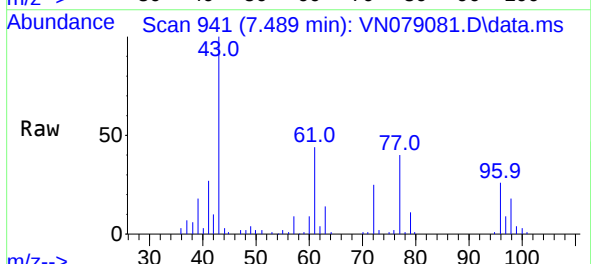
Supervised By :Mahesh
Dadoda

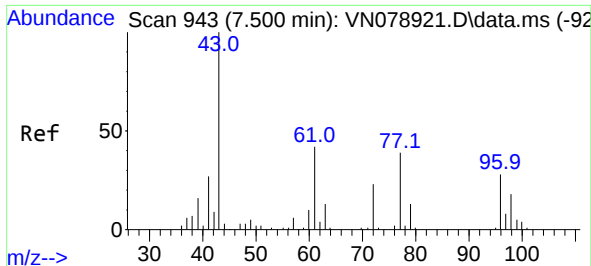
09/01/2023



#30
2-Butanone
Concen: 89.184 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 43 Resp: 170834
Ion Ratio Lower Upper
43 100
57 8.0 6.2 9.4
72 25.3 19.4 29.2





#31
2,2-Dichloropropane
Concen: 20.526 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.012 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

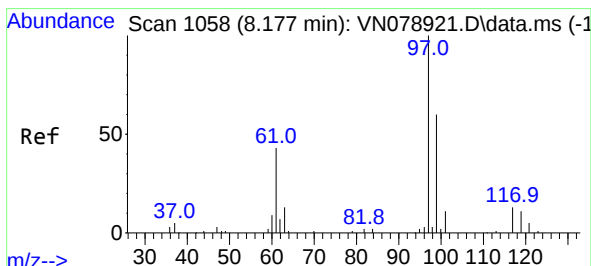
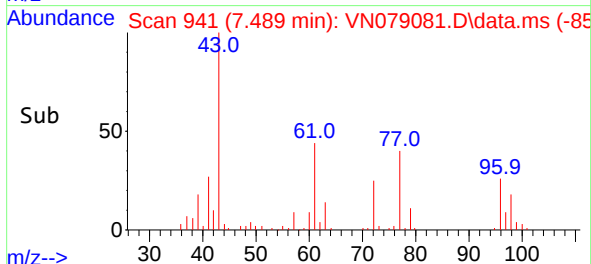
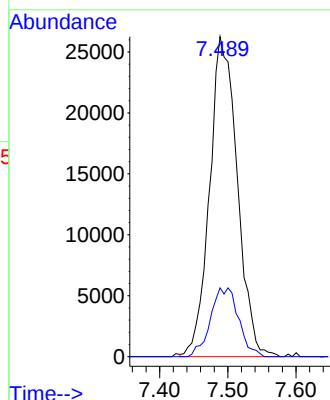
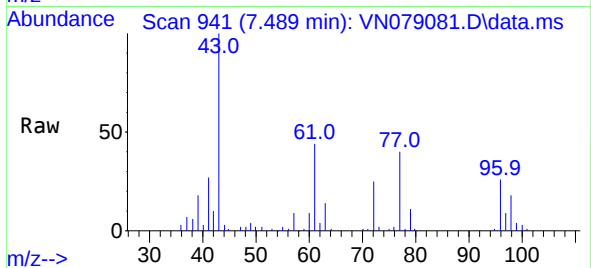
Tgt Ion: 77 Resp: 74229
Ion Ratio Lower Upper
77 100
97 11.7 17.6 26.4

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Reviewed By :John
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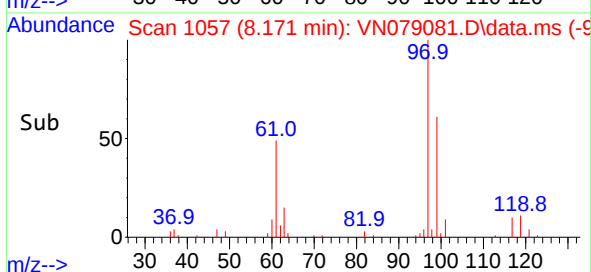
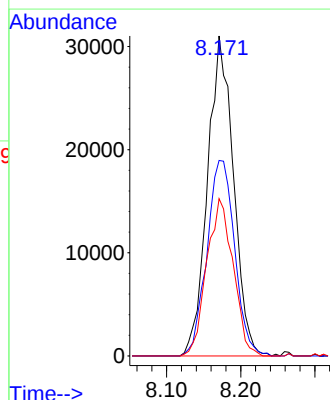
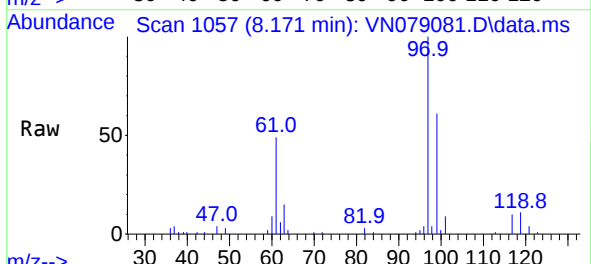
08/30/2023
Supervised By :Mahesh
Dadoda

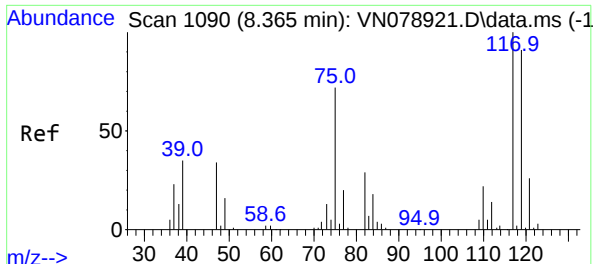
09/01/2023



#32
1,1,1-Trichloroethane
Concen: 19.308 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

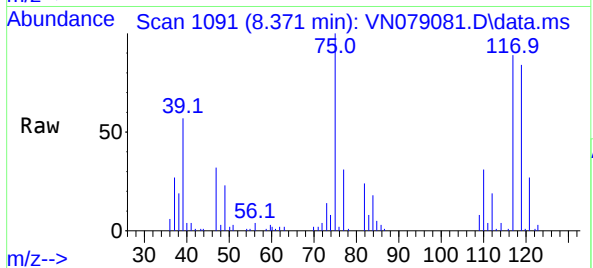
Tgt Ion: 97 Resp: 75426
Ion Ratio Lower Upper
97 100
99 65.3 52.0 78.0
61 50.0 37.0 55.6





#33
Carbon Tetrachloride
Concen: 19.350 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



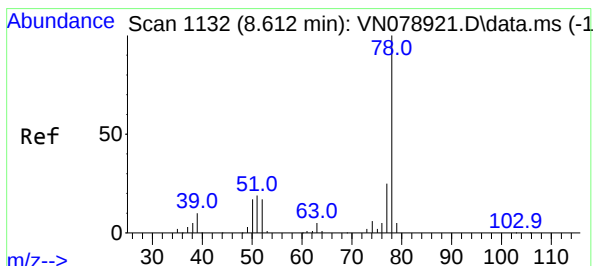
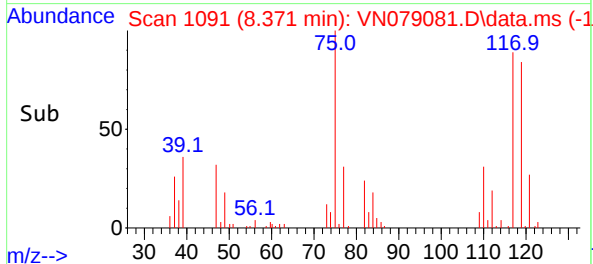
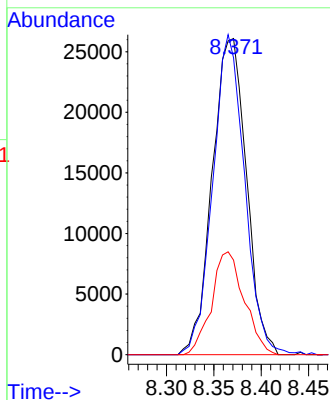
Tgt Ion:117 Resp: 65470
Ion Ratio Lower Upper
117 100
119 93.9 72.6 108.8
121 29.9 20.7 31.1

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Reviewed By :John
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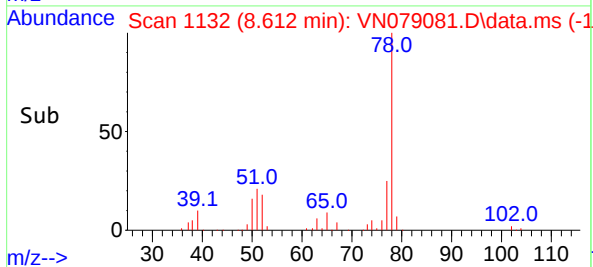
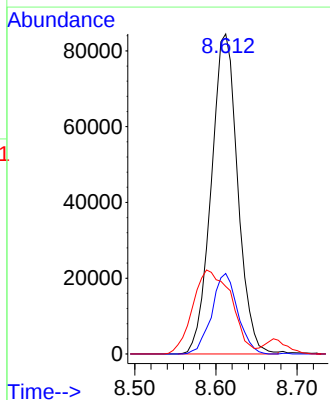
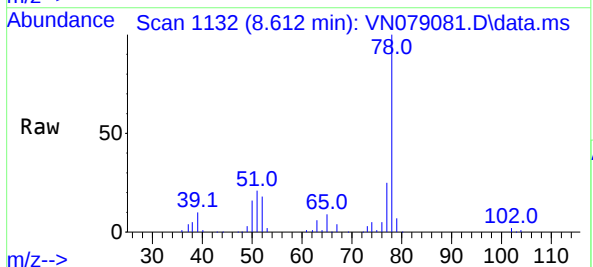
08/30/2023
Supervised By :Mahesh
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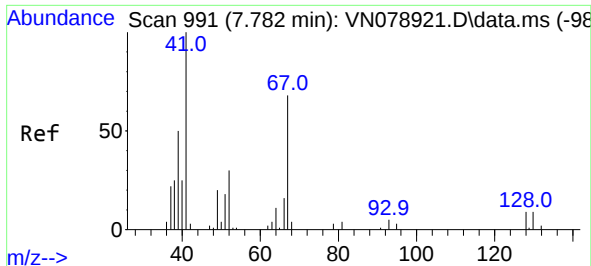
09/01/2023



#34
Benzene
Concen: 19.508 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

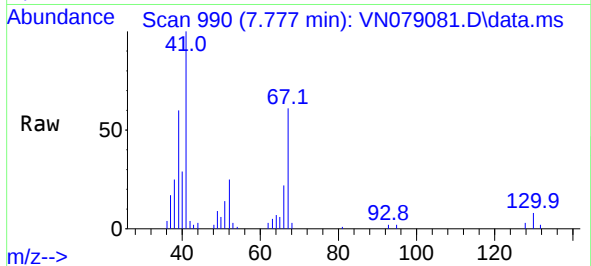
Tgt Ion: 78 Resp: 191286
Ion Ratio Lower Upper
78 100
77 25.1 19.9 29.9
51 18.2 14.8 22.2





#35
Methacrylonitrile
Concen: 17.518 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



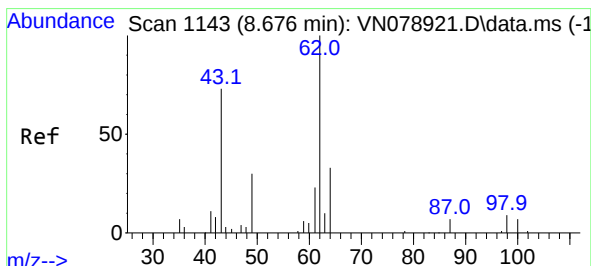
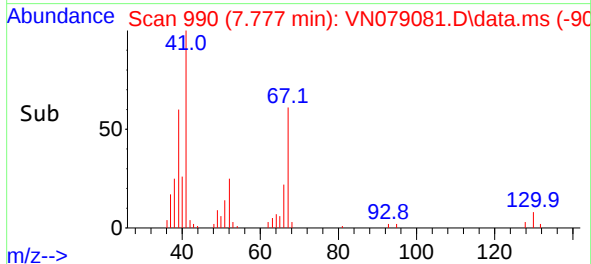
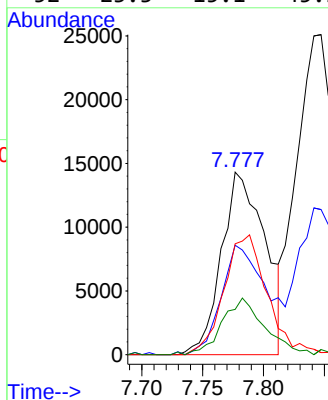
Tgt Ion: 41 Resp: 35764
Ion Ratio Lower Upper
41 100
39 58.3 25.0 75.0
67 60.7 34.0 102.0
52 23.3 15.1 45.3

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Reviewed By :John
Carlone

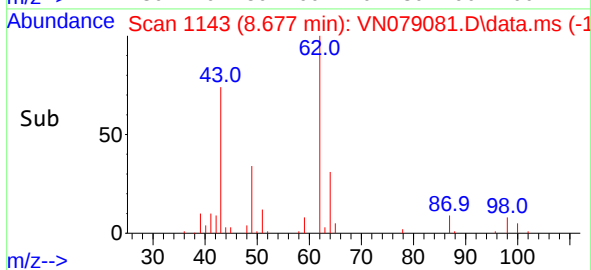
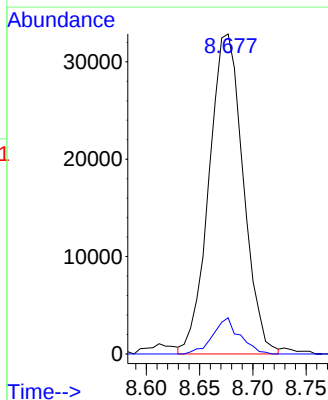
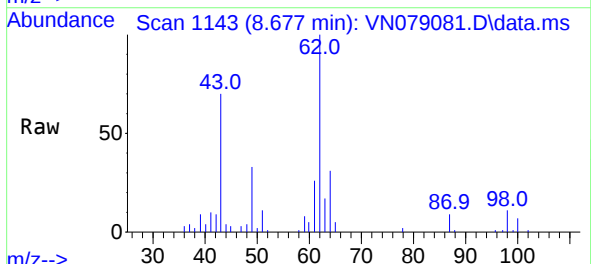
08/30/2023
Supervised By :Mahesh
Dadoda

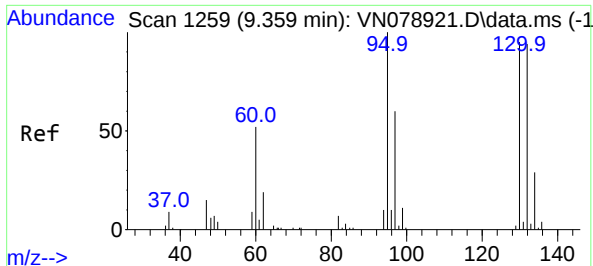
09/01/2023



#36
1,2-Dichloroethane
Concen: 19.996 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

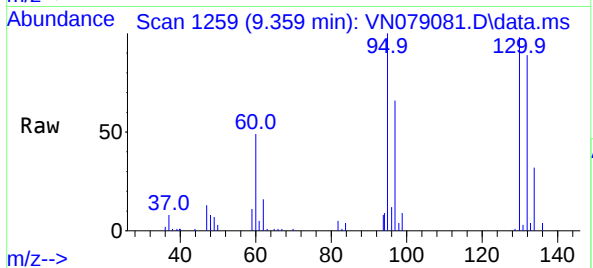
Tgt Ion: 62 Resp: 73425
Ion Ratio Lower Upper
62 100
98 8.9 8.1 12.1





#37
Trichloroethene
Concen: 19.291 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



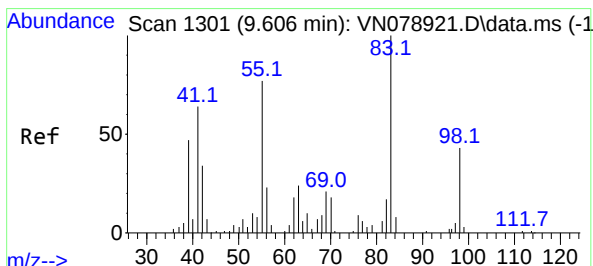
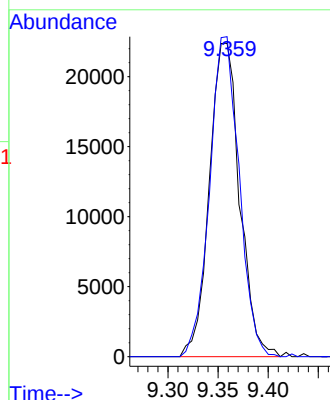
Tgt Ion:130 Resp: 47085
Ion Ratio Lower Upper
130 100
95 102.1 84.6 127.0

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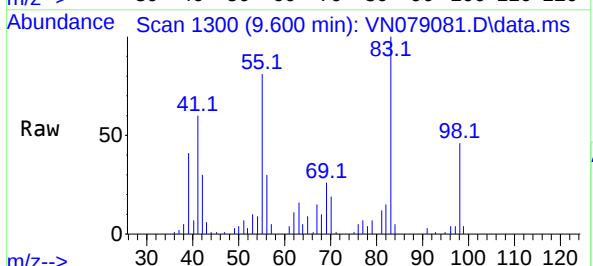
Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

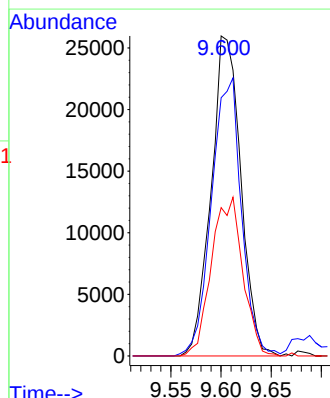
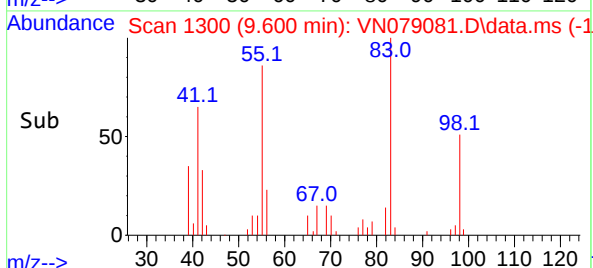
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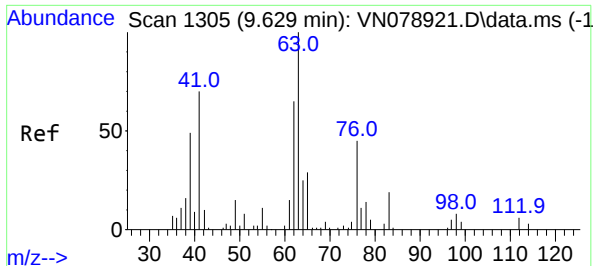


#38
Methylcyclohexane
Concen: 18.571 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21



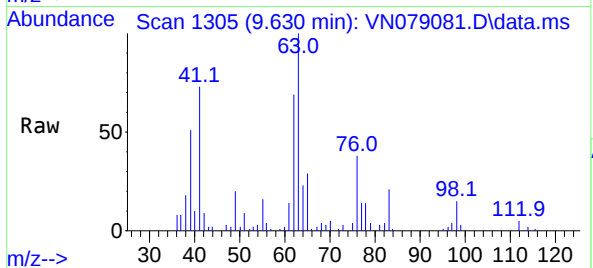
Tgt Ion: 83 Resp: 53497
Ion Ratio Lower Upper
83 100
55 87.5 40.2 120.6
98 52.2 24.1 72.3





#39
1,2-Dichloropropane
Concen: 19.361 ug/l
RT: 9.630 min Scan# 1113
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



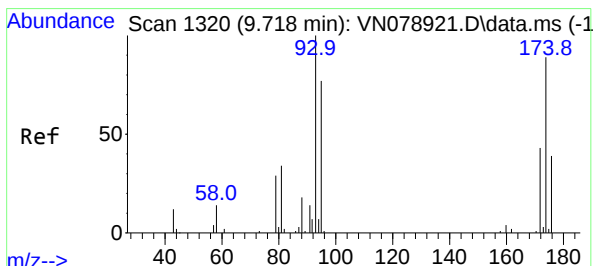
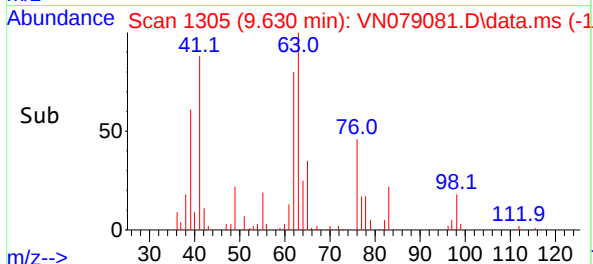
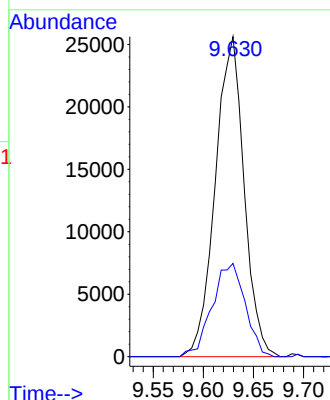
Tgt Ion: 63 Resp: 5113
Ion Ratio Lower Upper
63 100
65 29.1 23.5 35.3

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Reviewed By :John
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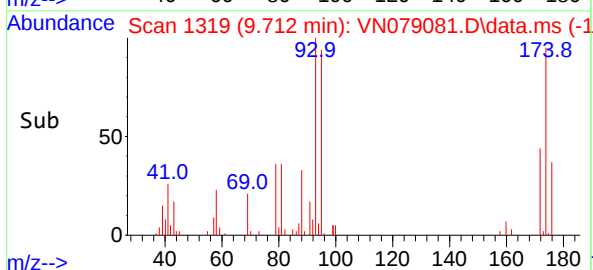
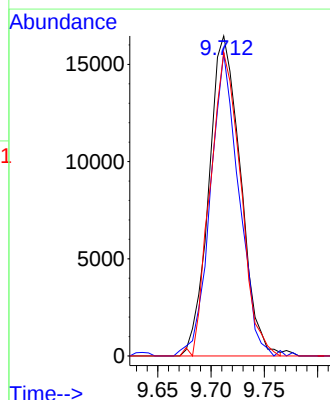
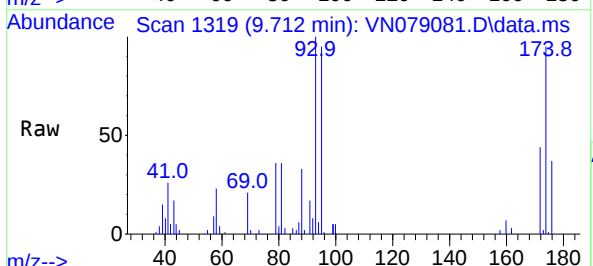
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Supervised By :Mahesh
Dadoda

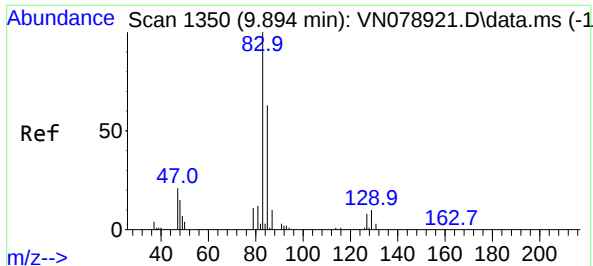
09/01/2023



#40
Dibromomethane
Concen: 19.210 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

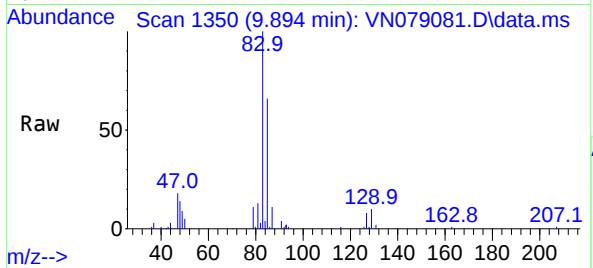
Tgt Ion: 93 Resp: 34011
Ion Ratio Lower Upper
93 100
95 85.3 0.0 162.0
174 90.7 0.0 188.6





#41
Bromodichloromethane
Concen: 20.166 ug/l
RT: 9.894 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



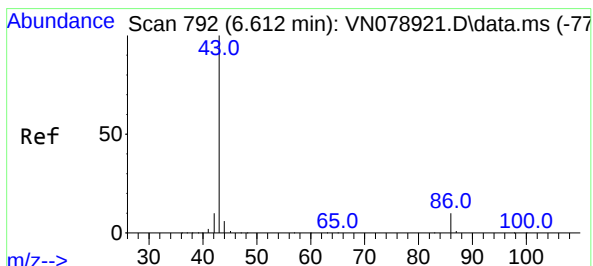
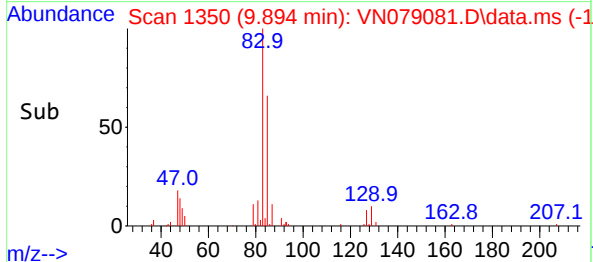
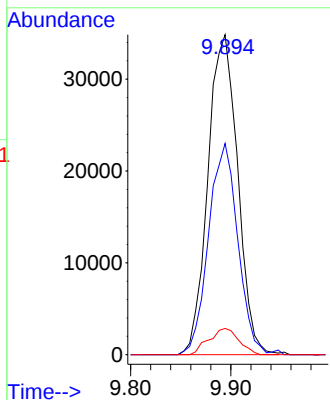
Tgt Ion: 83 Resp: 71800
Ion Ratio Lower Upper
83 100
85 66.0 50.2 75.2
127 8.2 6.2 9.4

Manual Integrations
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Reviewed By :John
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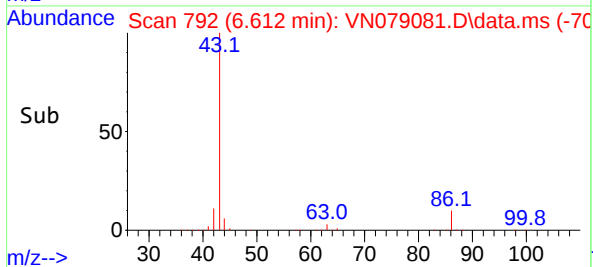
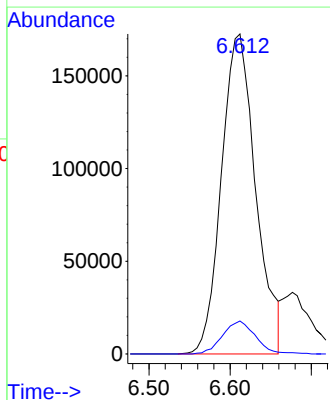
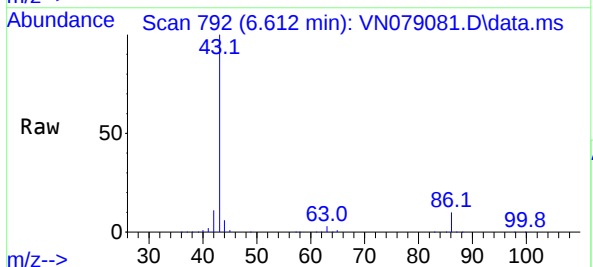
08/30/2023
Supervised By :Mahesh
Dadoda

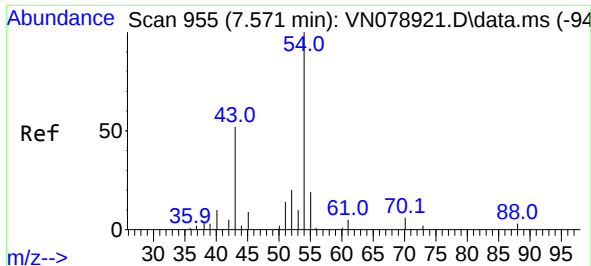
09/01/2023



#42
Vinyl Acetate
Concen: 93.865 ug/l
RT: 6.612 min Scan# 792
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

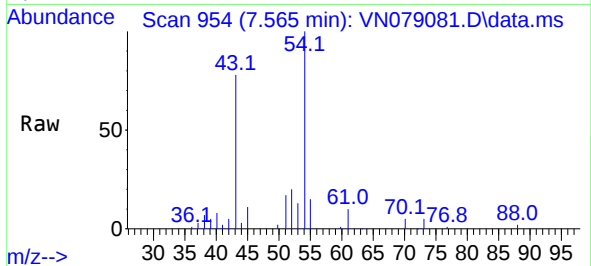
Tgt Ion: 43 Resp: 506933
Ion Ratio Lower Upper
43 100
86 9.8 7.4 11.0





#43
Ethyl Acetate
Concen: 19.091 ug/l m
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



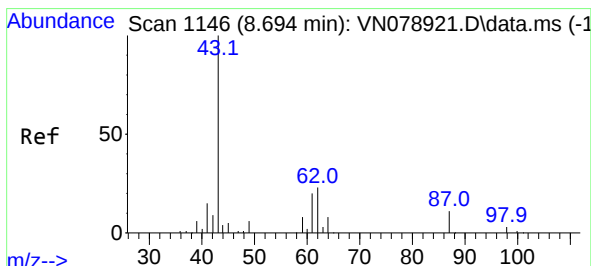
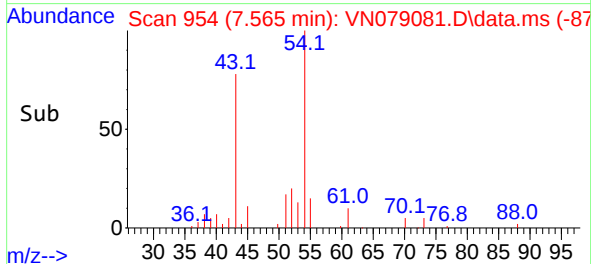
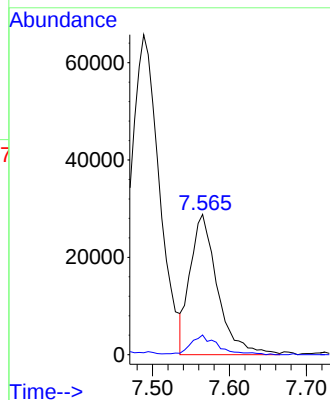
Tgt Ion: 43 Resp: 70940
Ion Ratio Lower Upper
43 100
45 0.1 9.6 14.4

Manual Integrations
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Reviewed By :John
Carlone

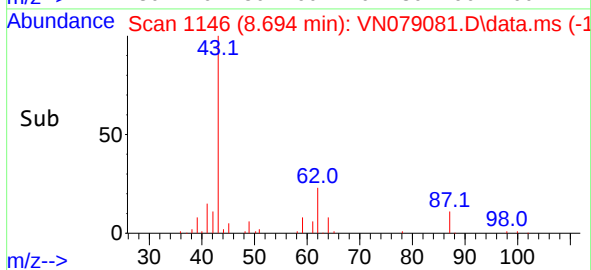
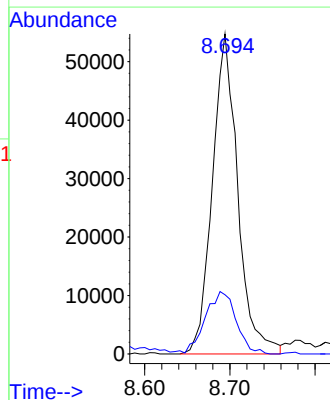
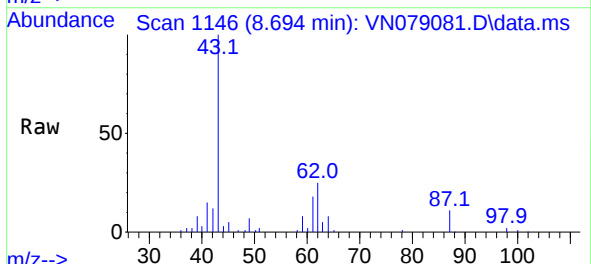
08/30/2023
Supervised By :Mahesh
Dadoda

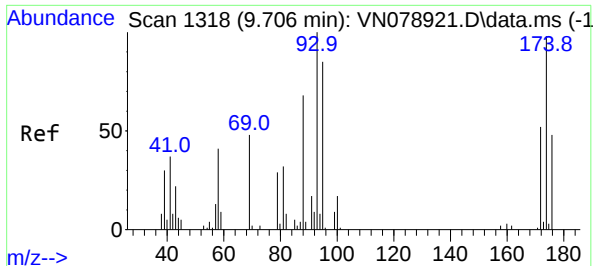
09/01/2023



#44
Isopropyl Acetate
Concen: 17.351 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

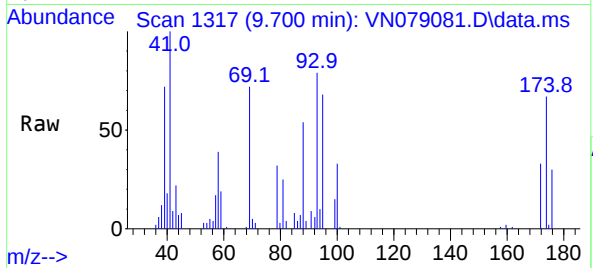
Tgt Ion: 43 Resp: 113614
Ion Ratio Lower Upper
43 100
61 23.3 19.0 28.4





#45
1,4-Dioxane
Concen: 338.715 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



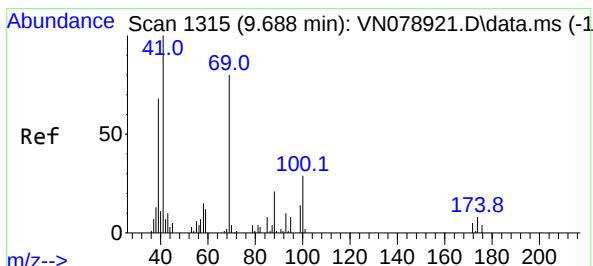
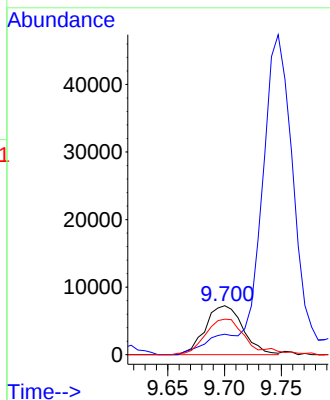
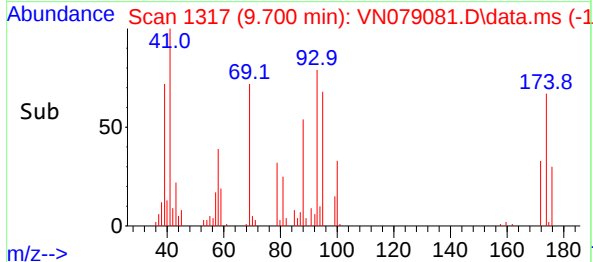
Tgt Ion: 88 Resp: 16690
Ion Ratio Lower Upper
88 100
43 37.9 28.1 42.1
58 71.5 57.0 85.4

Manual Integrations
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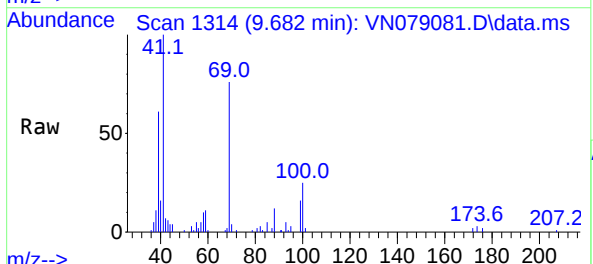
Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

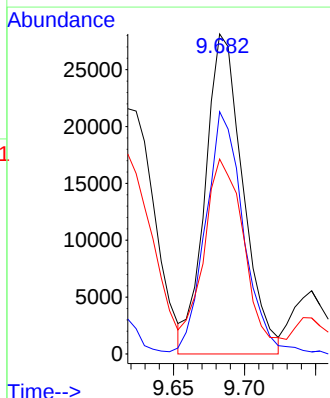
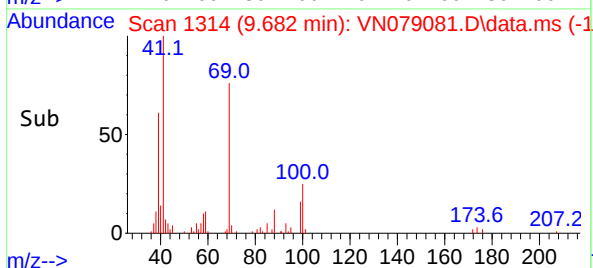
09/01/2023

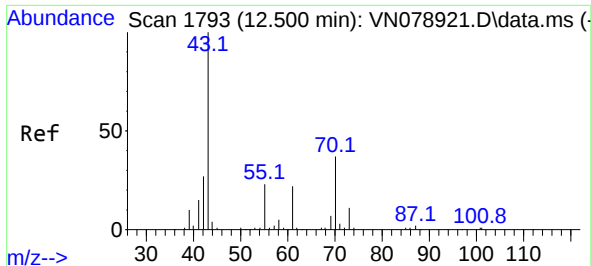


#46
Methyl methacrylate
Concen: 17.979 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21



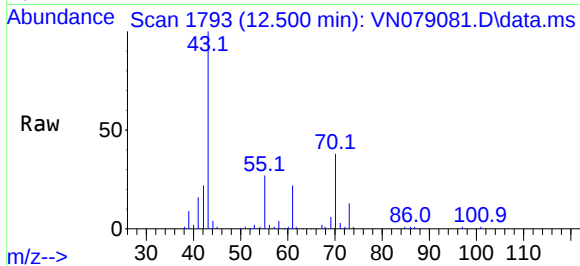
Tgt Ion: 41 Resp: 51870
Ion Ratio Lower Upper
41 100
69 77.9 38.5 115.5
39 58.9 35.9 107.8





#47
n-amyl acetate
Concen: 17.280 ug/l
RT: 12.500 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



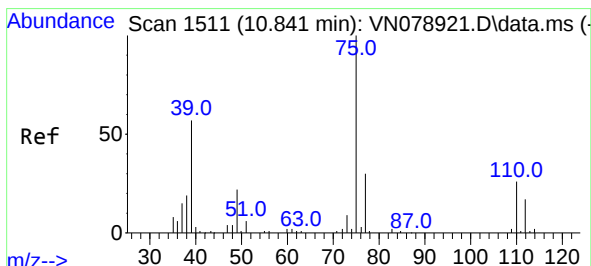
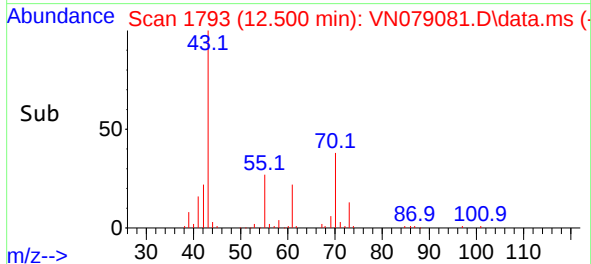
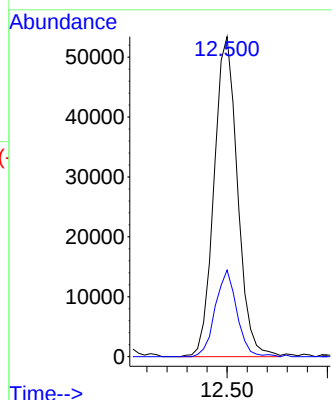
Tgt Ion: 43 Resp: 86830
Ion Ratio Lower Upper
43 100
55 24.7 17.5 26.3

Manual Integrations
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Reviewed By :John
Carlone

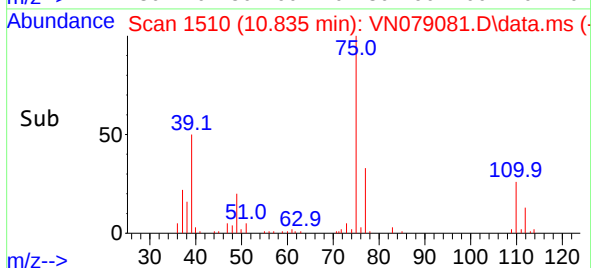
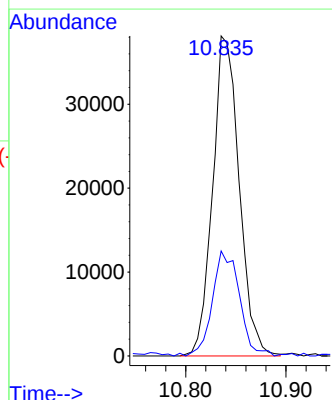
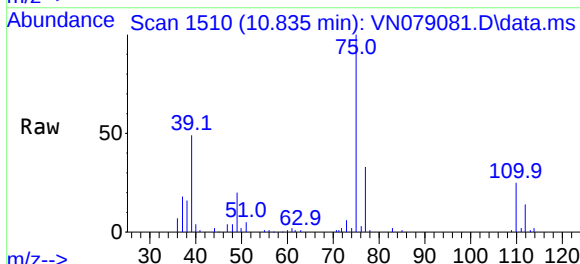
08/30/2023
Supervised By :Mahesh
Dadoda

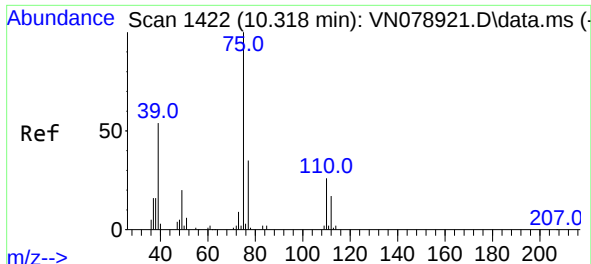
09/01/2023



#48
t-1,3-Dichloropropene
Concen: 18.495 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

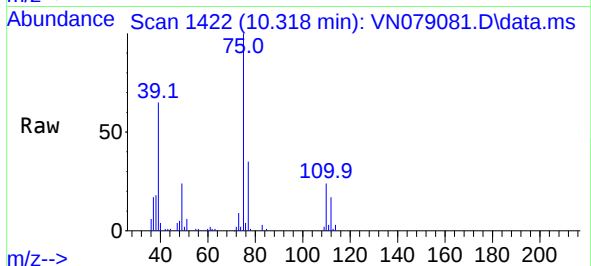
Tgt Ion: 75 Resp: 70133
Ion Ratio Lower Upper
75 100
77 32.3 23.7 35.5





#49
cis-1,3-Dichloropropene
Concen: 18.927 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



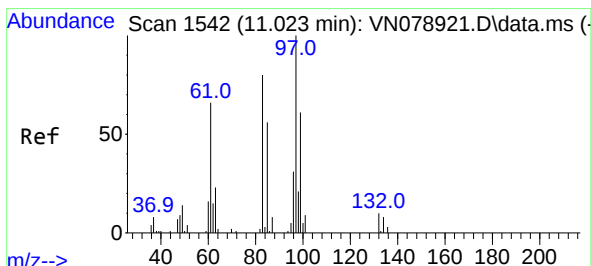
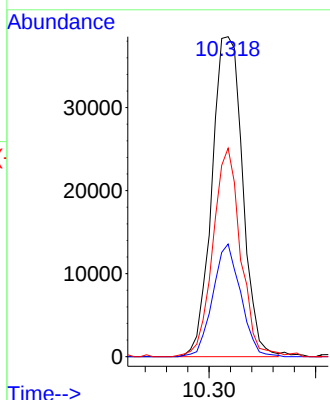
Tgt Ion: 75 Resp: 76962
Ion Ratio Lower Upper
75 100
77 35.2 27.8 41.8
39 64.8 43.5 65.3

Manual Integrations
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Reviewed By :John
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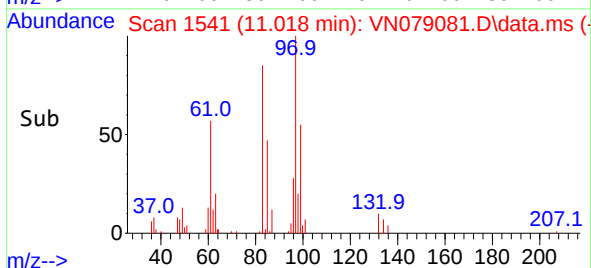
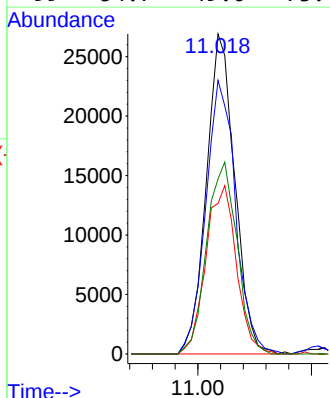
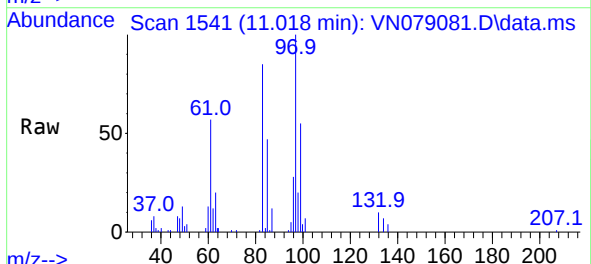
08/30/2023
Supervised By :Mahesh
Dadoda

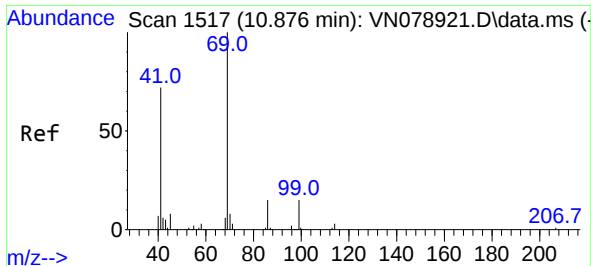
09/01/2023



#50
1,1,2-Trichloroethane
Concen: 19.553 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

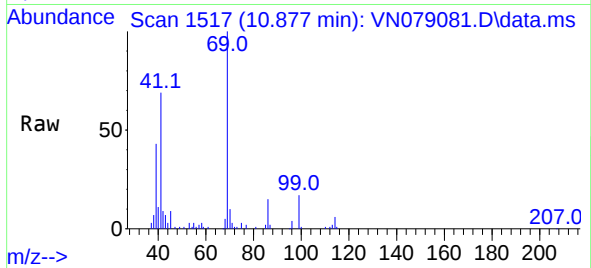
Tgt Ion: 97 Resp: 46781
Ion Ratio Lower Upper
97 100
83 85.4 63.7 95.5
85 47.1 44.9 67.3
99 54.7 49.0 73.4





#51
Ethyl methacrylate
Concen: 17.435 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



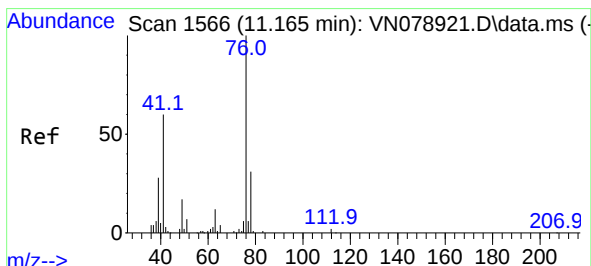
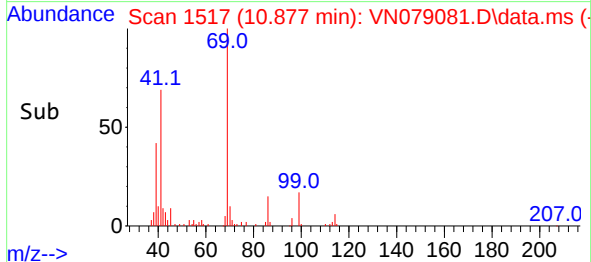
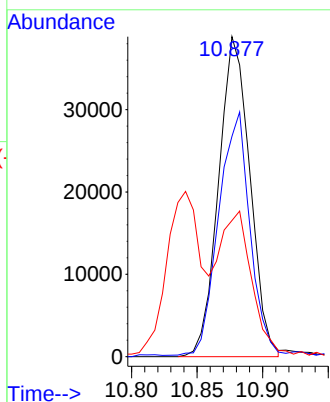
Tgt Ion: 69 Resp: 6456
Ion Ratio Lower Upper
69 100
41 68.3 35.9 107.8
39 40.6 23.5 70.5

Manual Integrations
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Reviewed By :John
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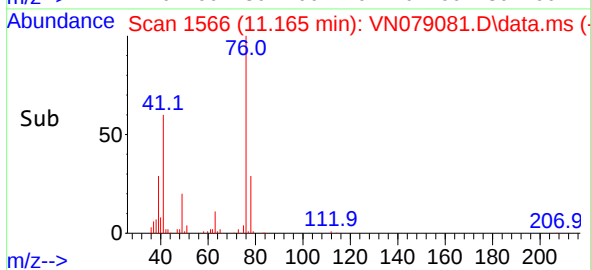
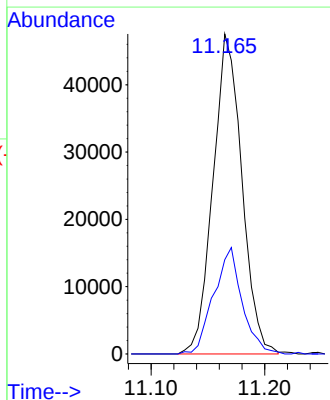
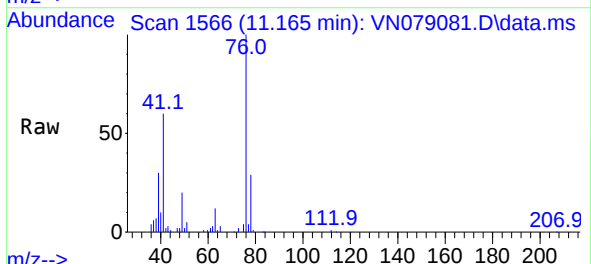
08/30/2023
Supervised By :Mahesh
Dadoda

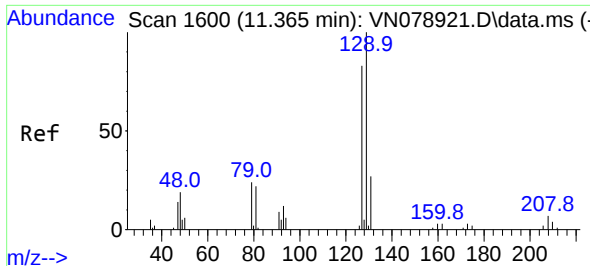
09/01/2023



#52
1,3-Dichloropropane
Concen: 19.572 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

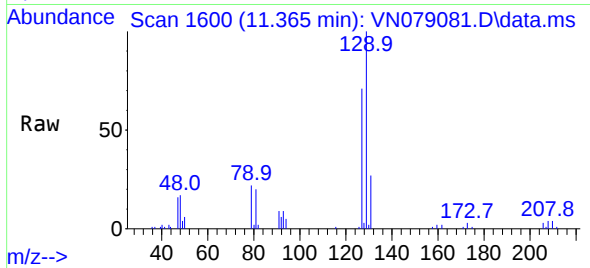
Tgt Ion: 76 Resp: 83874
Ion Ratio Lower Upper
76 100
78 32.8 0.0 64.6





#53
Dibromochloromethane
Concen: 19.725 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



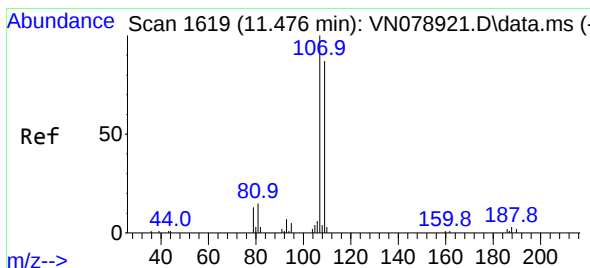
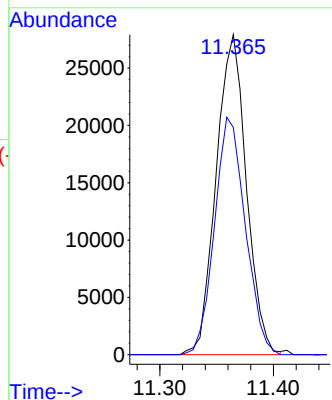
Tgt Ion:129 Resp: 5165
Ion Ratio Lower Upper
129 100
127 75.7 40.1 120.2

Manual Integrations
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Reviewed By :John
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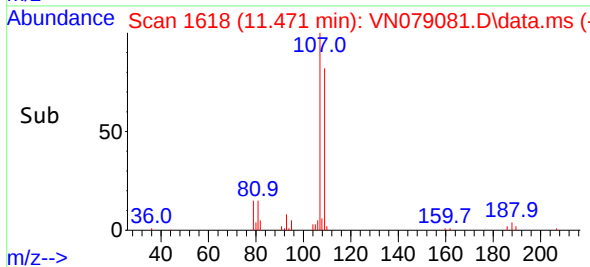
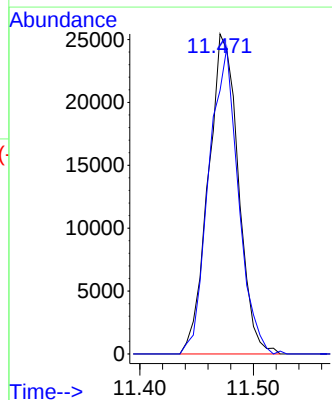
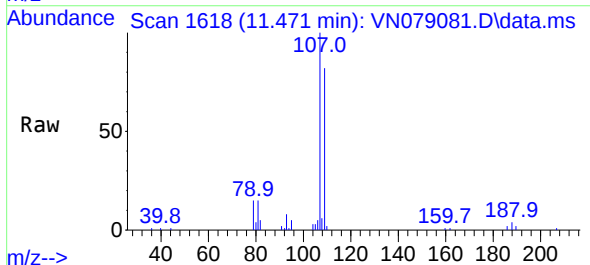
08/30/2023
Supervised By :Mahesh
Dadoda

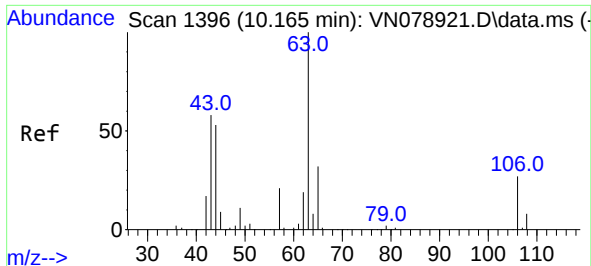
09/01/2023



#54
1,2-Dibromoethane
Concen: 19.015 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:107 Resp: 46706
Ion Ratio Lower Upper
107 100
109 94.1 71.7 107.5





#55
2-Chloroethyl vinyl ether
Concen: 82.666 ug/l
RT: 10.165 min Scan# 111
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

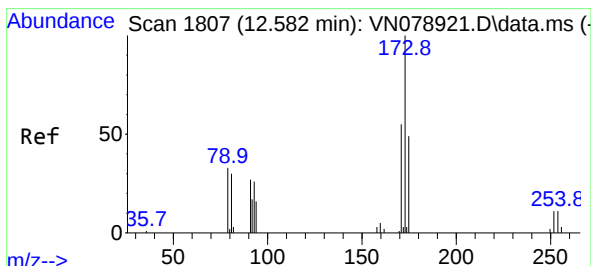
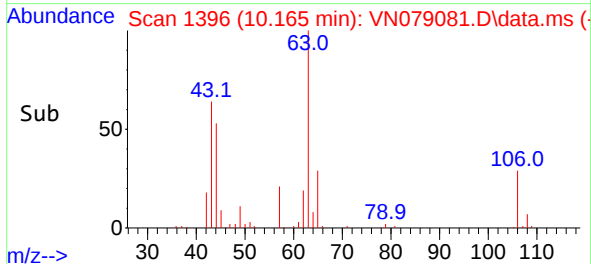
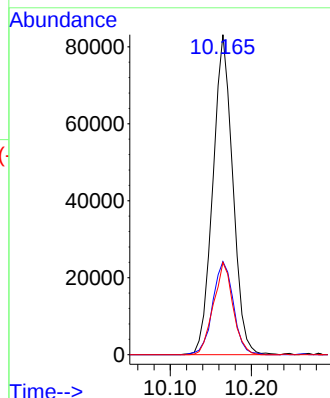
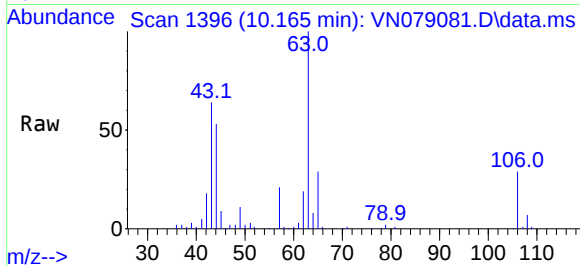
Tgt Ion: 63 Resp: 14149
Ion Ratio Lower Upper
63 100
65 30.1 25.4 38.2
106 28.3 22.3 33.5

Manual Integrations
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Reviewed By :John
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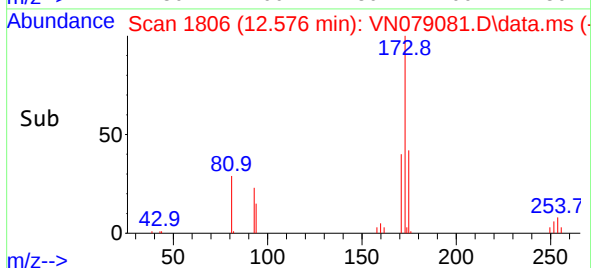
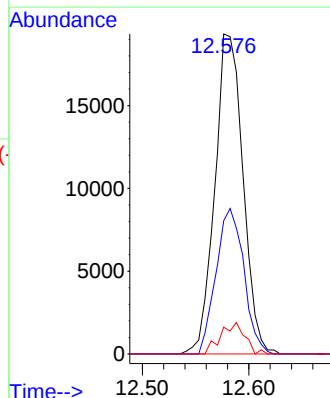
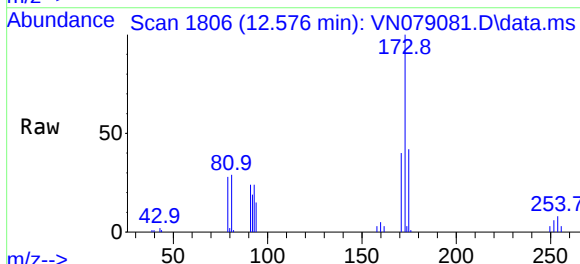
08/30/2023
Supervised By :Mahesh
Dadoda

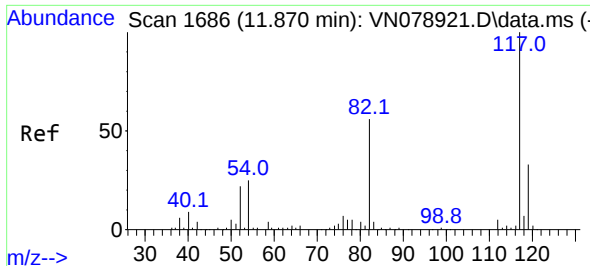
09/01/2023



#56
Bromoform
Concen: 19.188 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:173 Resp: 35451
Ion Ratio Lower Upper
173 100
175 44.8 38.8 58.2
254 8.2 7.6 11.4





#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:117 Resp: 19731
Ion Ratio Lower Upper
117 100
82 55.9 43.4 65.0
119 30.3 25.5 38.3

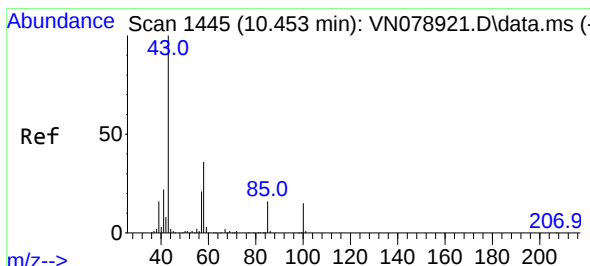
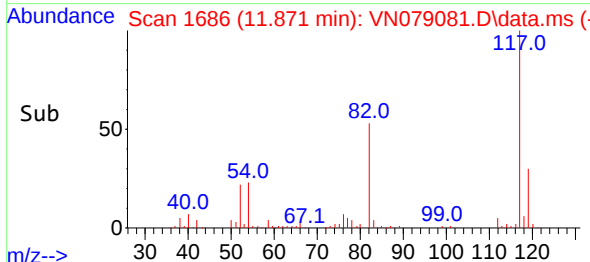
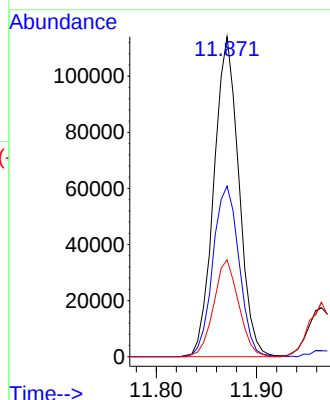
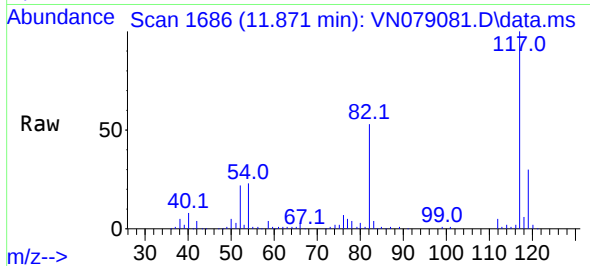
Manual Integrations
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Reviewed By :John
Carlone

08/30/2023

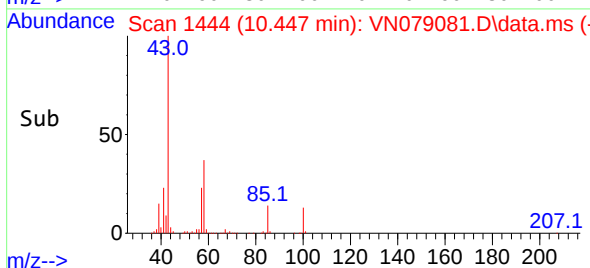
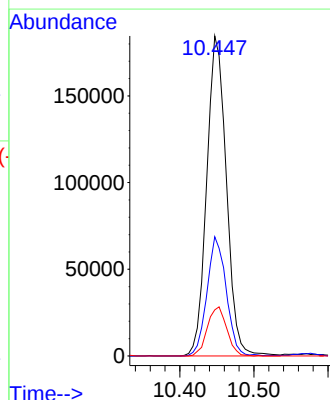
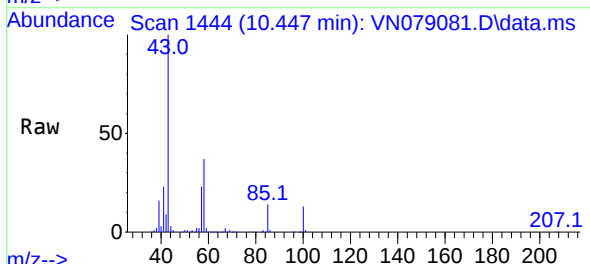
Supervised By :Mahesh
Dadoda

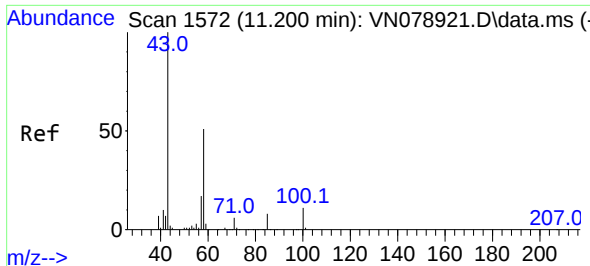
09/01/2023



#58
4-Methyl-2-Pentanone
Concen: 87.025 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

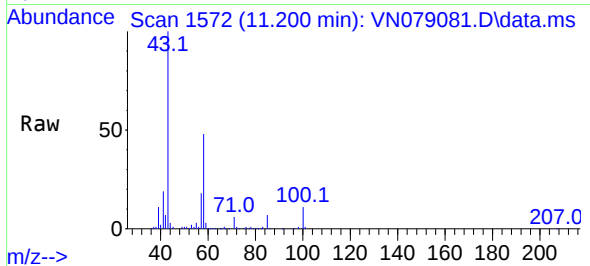
Tgt Ion: 43 Resp: 340678
Ion Ratio Lower Upper
43 100
58 36.3 28.8 43.2
85 15.1 12.7 19.1





#59
2-Hexanone
Concen: 85.035 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



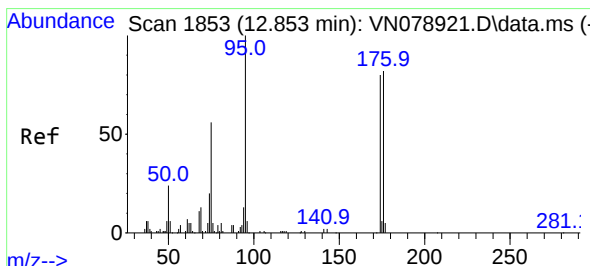
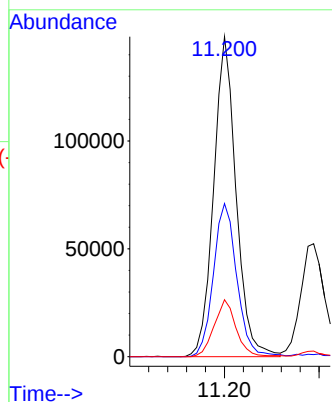
Tgt Ion: 43 Resp: 243900
Ion Ratio Lower Upper
43 100
58 50.0 40.6 60.8
57 17.4 13.6 20.4

Manual Integrations
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Reviewed By :John
Carlone

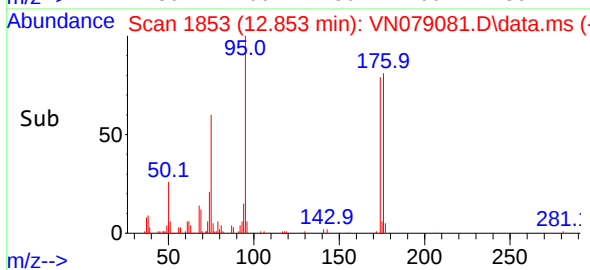
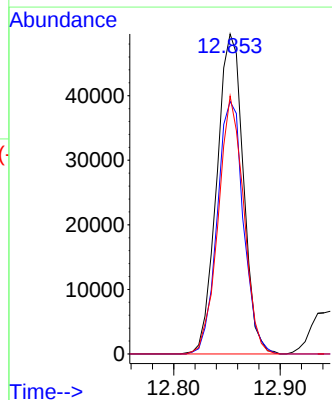
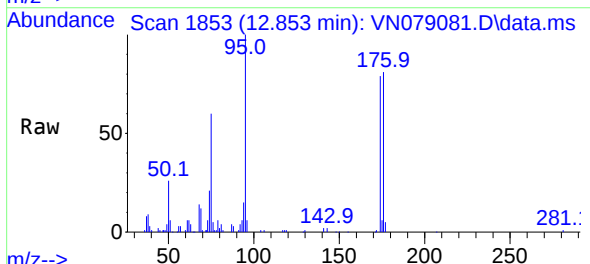
08/30/2023
Supervised By :Mahesh
Dadoda

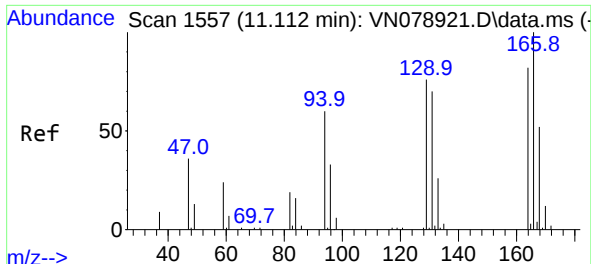
09/01/2023



#60
4-Bromofluorobenzene
Concen: 29.767 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

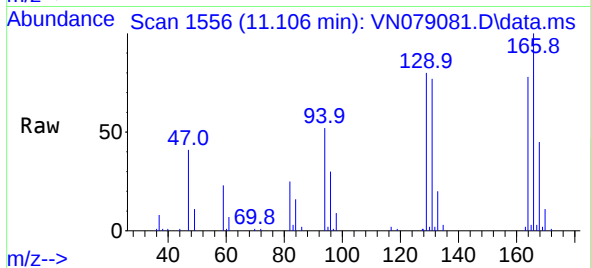
Tgt Ion: 95 Resp: 85676
Ion Ratio Lower Upper
95 100
174 78.2 64.8 97.2
176 77.1 63.0 94.6





#61
Tetrachloroethene
Concen: 20.643 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



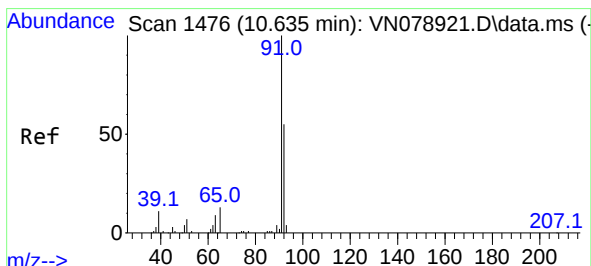
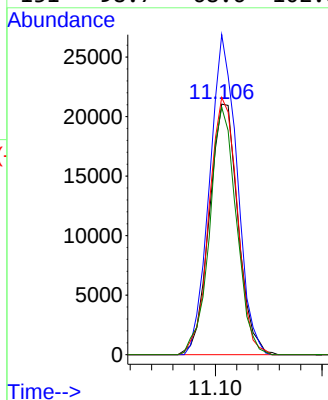
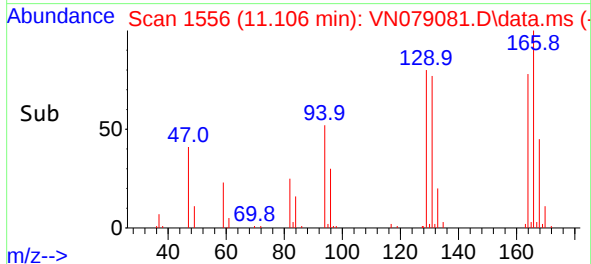
Tgt Ion:164 Resp: 39438
Ion Ratio Lower Upper
164 100
166 127.7 97.6 146.4
129 102.7 74.1 111.1
131 98.7 68.6 102.8

Manual Integrations
APPROVED

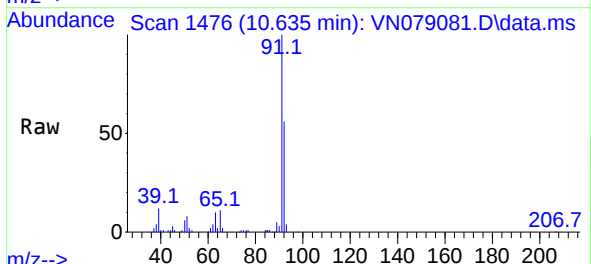
Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

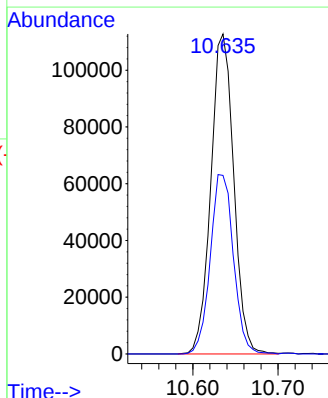
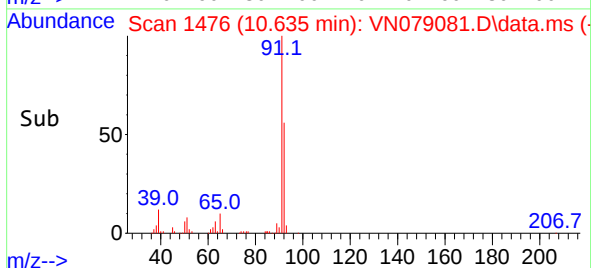
09/01/2023

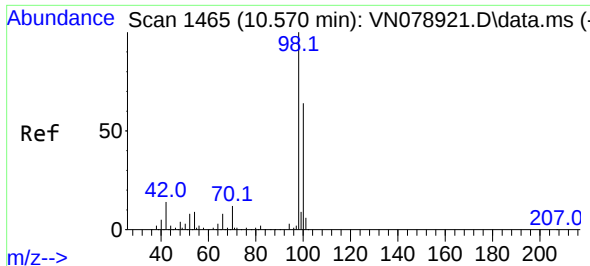


#62
Toluene
Concen: 19.560 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21



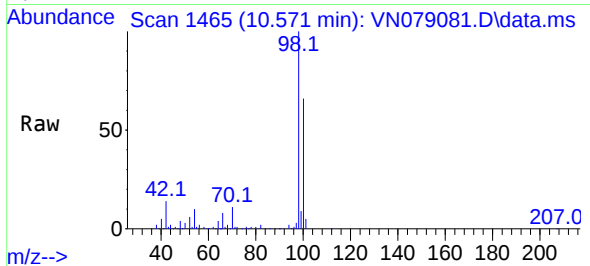
Tgt Ion: 91 Resp: 210706
Ion Ratio Lower Upper
91 100
92 56.8 44.7 67.1





#63
Toluene-d8
Concen: 30.560 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



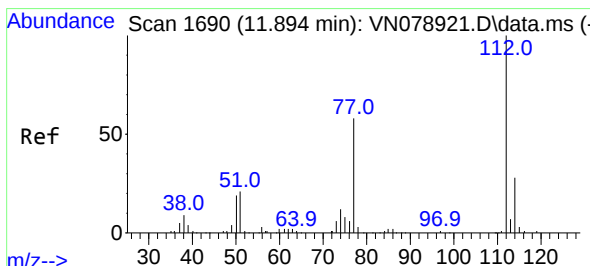
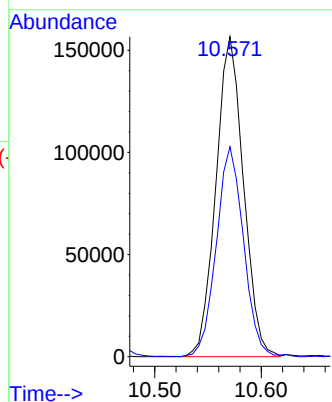
Tgt Ion: 98 Resp: 281584
Ion Ratio Lower Upper
98 100
100 64.4 51.1 76.7

Manual Integrations
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Reviewed By :John
Carlone

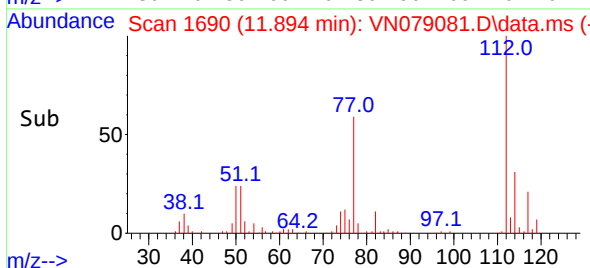
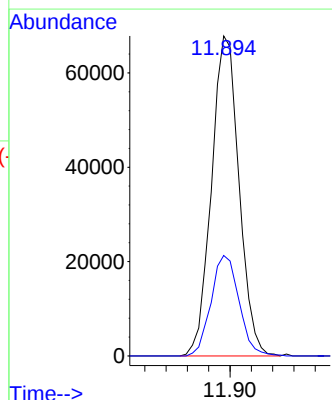
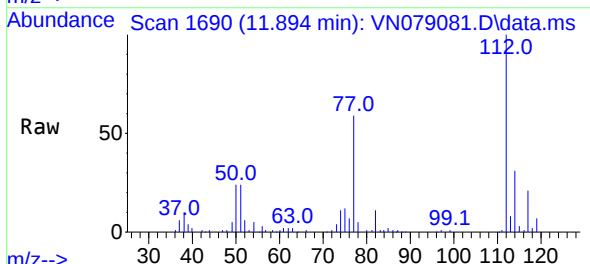
08/30/2023
Supervised By :Mahesh
Dadoda

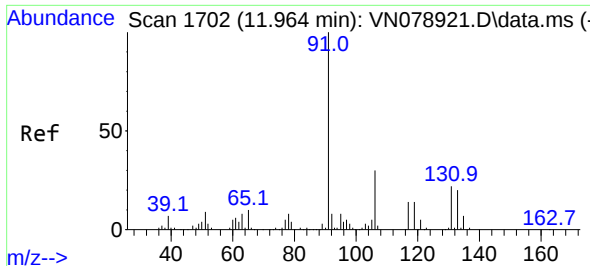
09/01/2023



#64
Chlorobenzene
Concen: 18.756 ug/l
RT: 11.894 min Scan# 1690
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:112 Resp: 121479
Ion Ratio Lower Upper
112 100
114 31.4 22.4 33.6





#65
1,1,1,2-Tetrachloroethane
Concen: 18.754 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

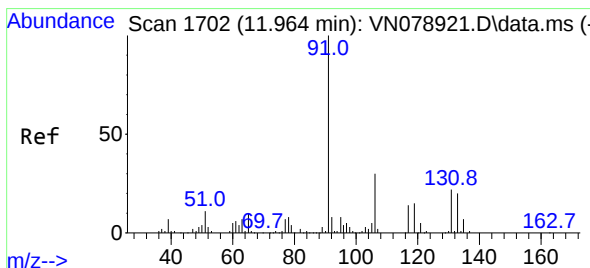
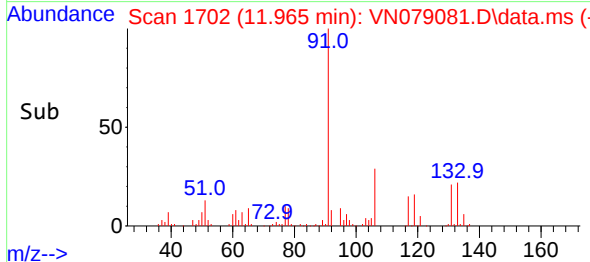
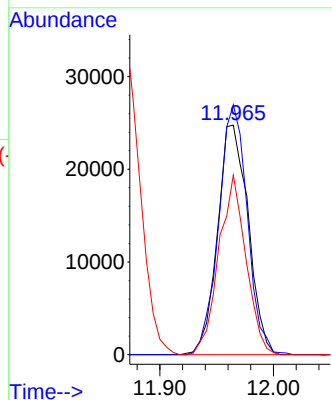
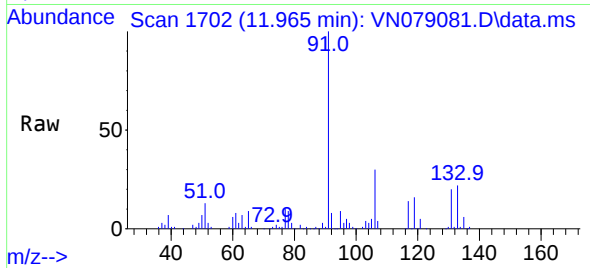
Tgt Ion:131 Resp: 4644
Ion Ratio Lower Upper
131 100
133 101.7 0.0 184.8
119 69.4 0.0 133.4

Manual Integrations
APPROVED

Reviewed By :John
Carlone

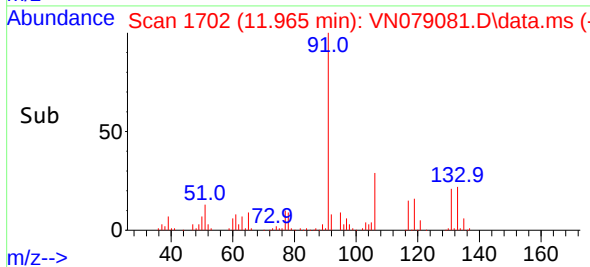
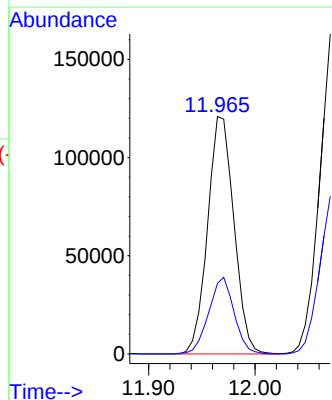
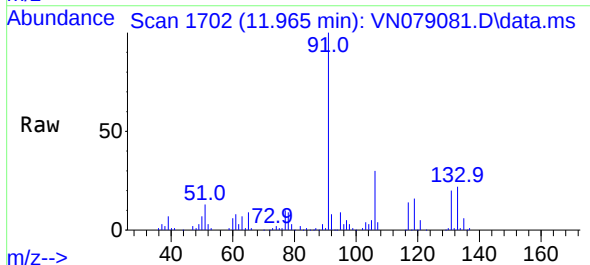
08/30/2023
Supervised By :Mahesh
Dadoda

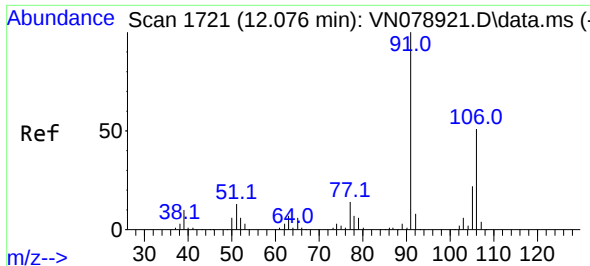
09/01/2023



#66
Ethyl Benzene
Concen: 18.431 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 91 Resp: 207680
Ion Ratio Lower Upper
91 100
106 29.7 24.1 36.1





#67
m/p-Xylenes
Concen: 38.538 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

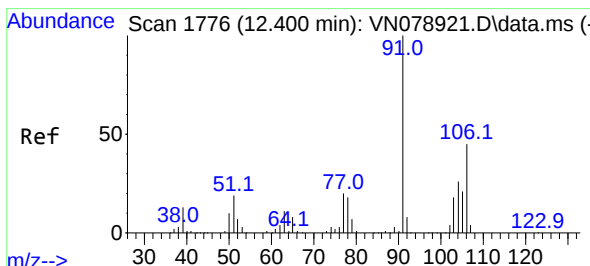
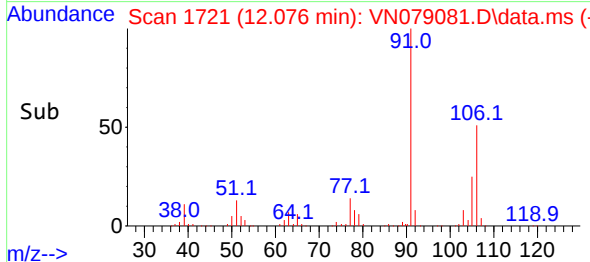
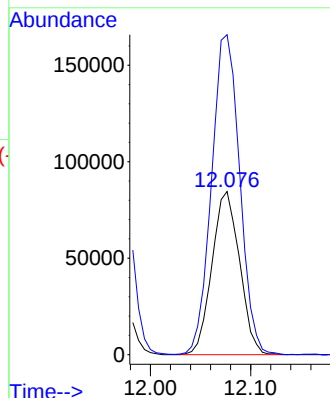
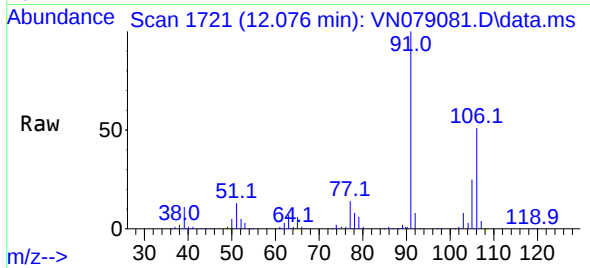
Tgt Ion:106 Resp: 161909
Ion Ratio Lower Upper
106 100
91 200.3 161.2 241.8

Manual Integrations
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Reviewed By :John
Carlone

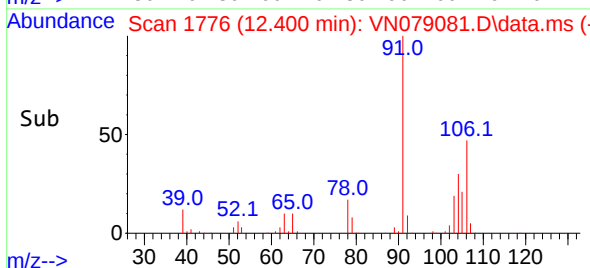
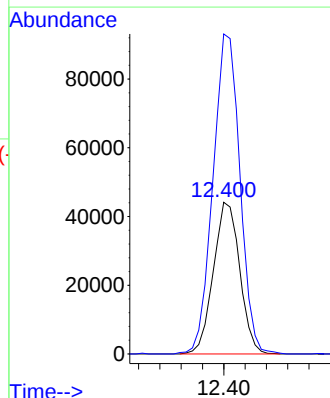
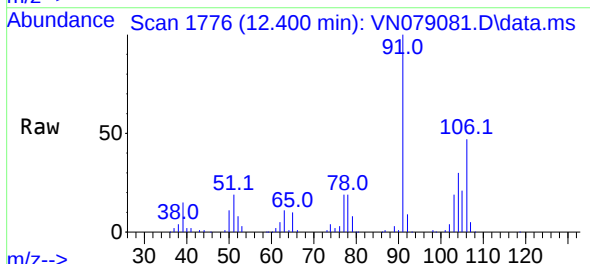
08/30/2023
Supervised By :Mahesh
Dadoda

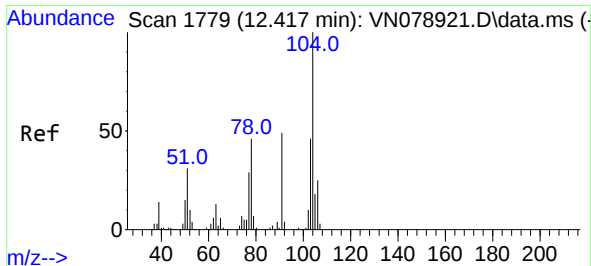
09/01/2023



#68
o-Xylene
Concen: 18.288 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:106 Resp: 75758
Ion Ratio Lower Upper
106 100
91 215.7 109.0 327.0





#69

Styrene

Concen: 18.373 ug/l

RT: 12.418 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN079081.D

Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:104 Resp: 123670
 Ion Ratio Lower Upper
 104 100
 78 52.0 40.2 60.4
 103 56.9 43.2 64.8

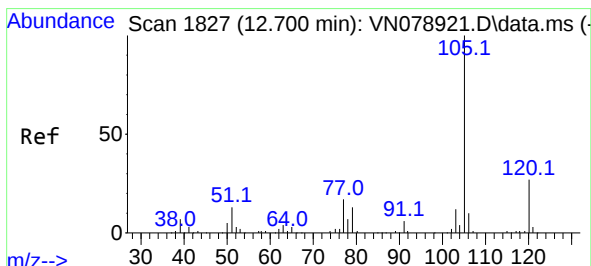
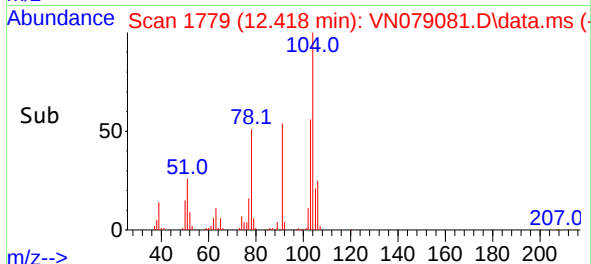
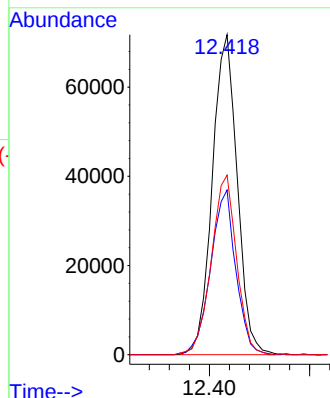
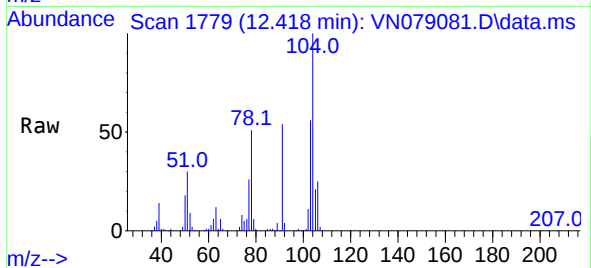
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

08/30/2023

Supervised By :Mahesh
 Dadoda

09/01/2023



#70

Isopropylbenzene

Concen: 19.106 ug/l

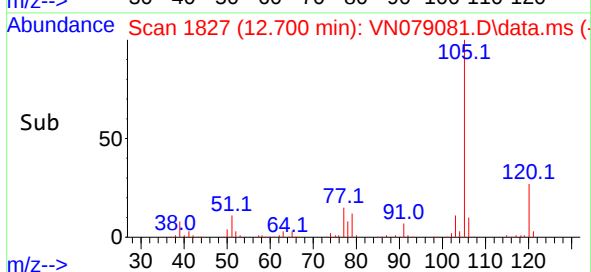
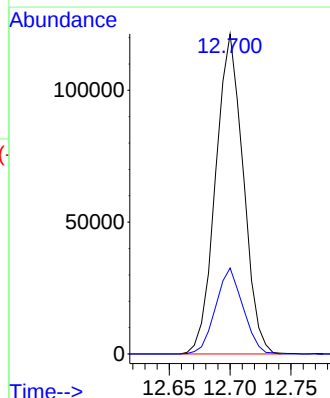
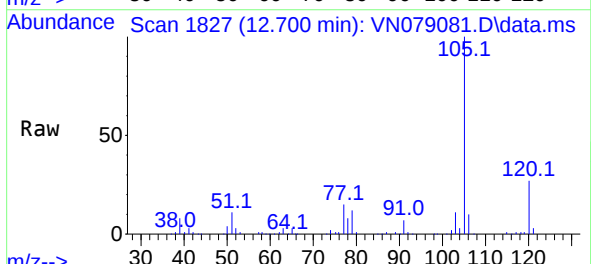
RT: 12.700 min Scan# 1827

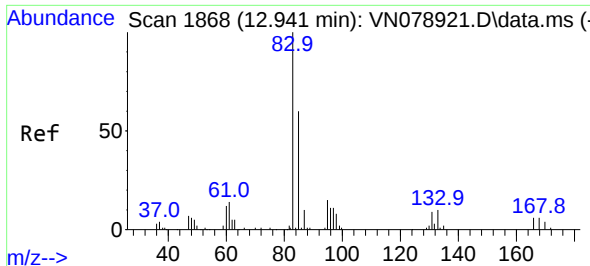
Delta R.T. 0.000 min

Lab File: VN079081.D

Acq: 29 Aug 2023 09:21

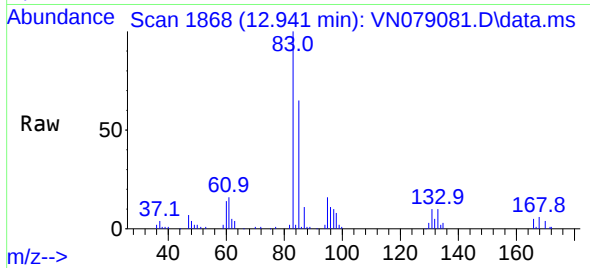
Tgt Ion:105 Resp: 191764
 Ion Ratio Lower Upper
 105 100
 120 26.5 19.1 35.5





#71
1,1,2,2-Tetrachloroethane
Concen: 18.254 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



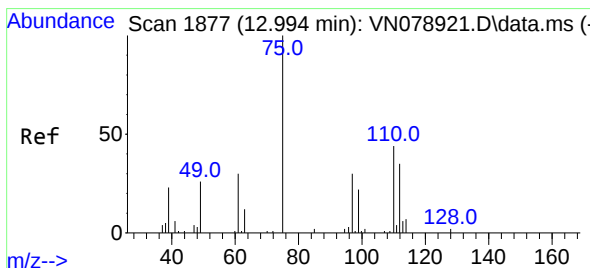
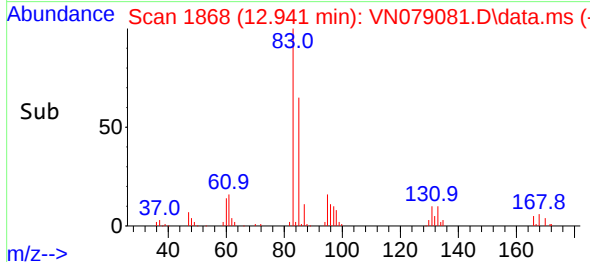
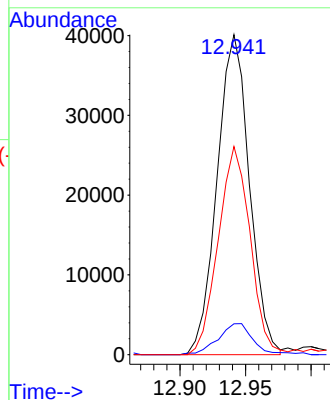
Tgt Ion: 83 Resp: 6868
Ion Ratio Lower Upper
83 100
131 10.3 4.7 14.0
85 64.3 31.9 95.7

Manual Integrations
APPROVED

Reviewed By :John
Carlone

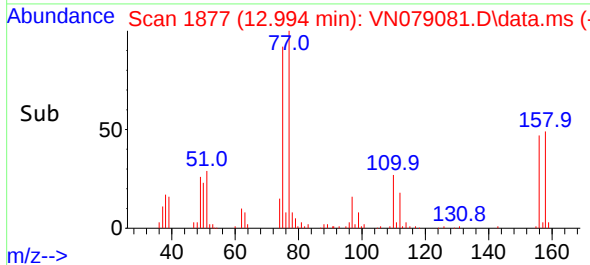
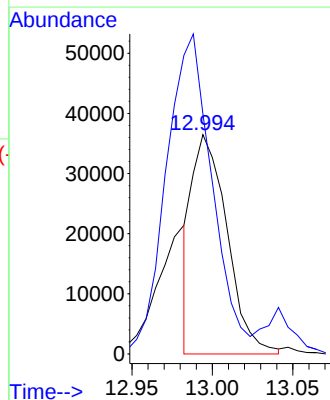
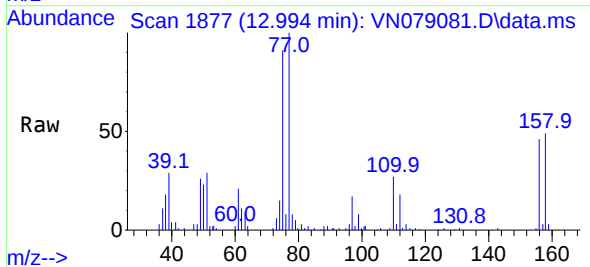
08/30/2023
Supervised By :Mahesh
Dadoda

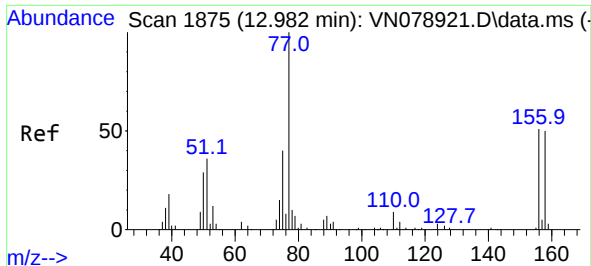
09/01/2023



#72
1,2,3-Trichloropropane
Concen: 17.858 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

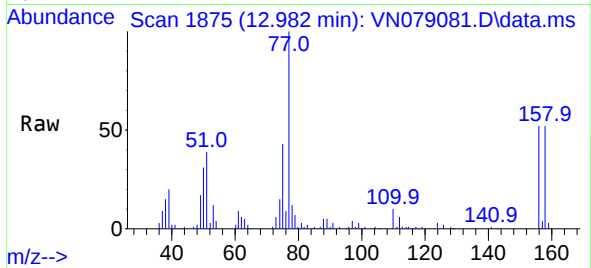
Tgt Ion: 75 Resp: 55122
Ion Ratio Lower Upper
75 100
77 191.2 0.0 367.4





#73
Bromobenzene
Concen: 18.385 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



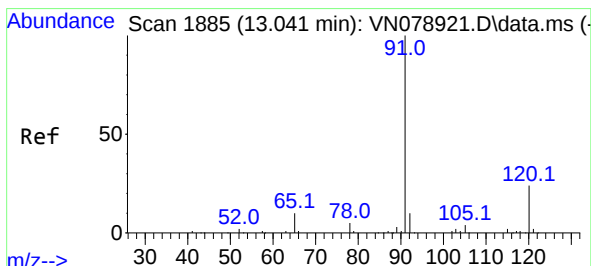
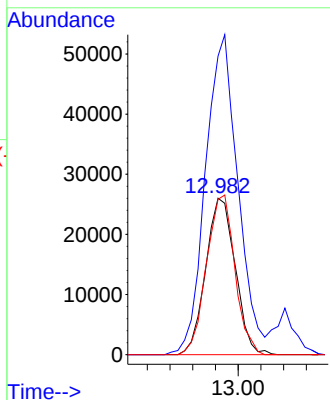
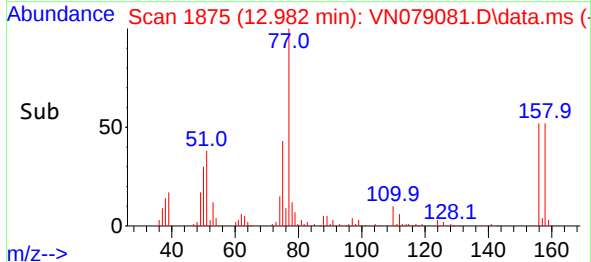
Tgt Ion:156 Resp: 46979
Ion Ratio Lower Upper
156 100
77 224.4 0.0 431.0
158 98.0 0.0 196.8

Manual Integrations
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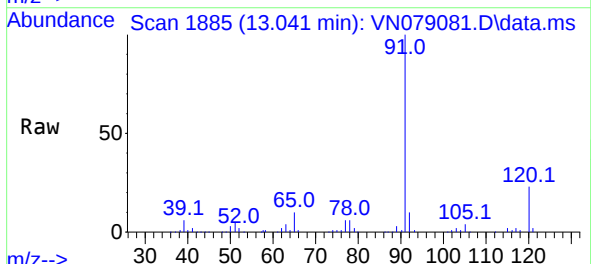
Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

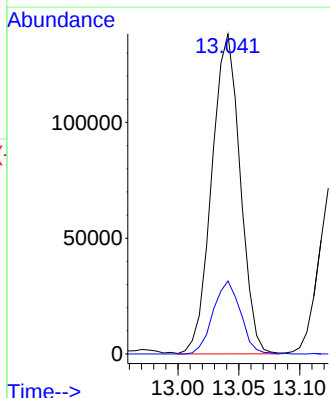
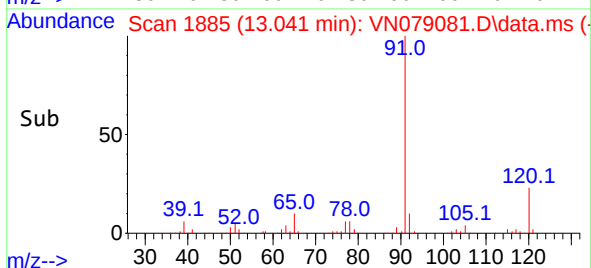
09/01/2023

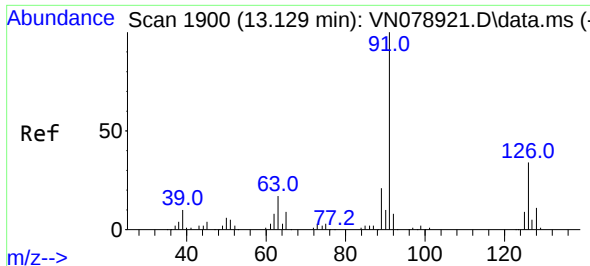


#74
n-propylbenzene
Concen: 19.733 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21



Tgt Ion: 91 Resp: 224471
Ion Ratio Lower Upper
91 100
120 21.9 0.0 44.4





#75
2-Chlorotoluene
Concen: 19.500 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

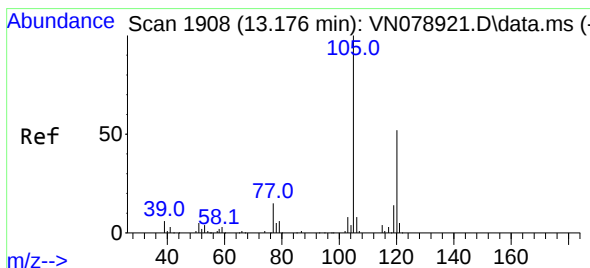
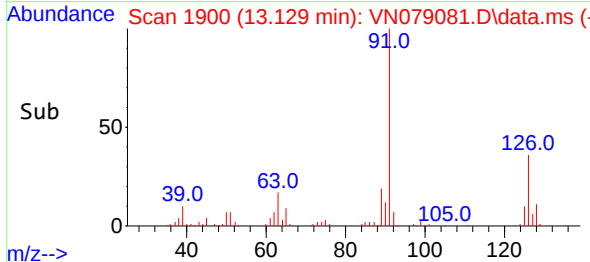
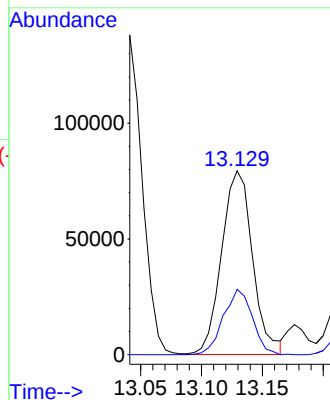
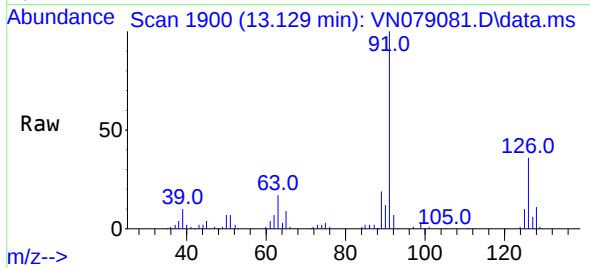
Tgt Ion: 91 Resp: 140720
Ion Ratio Lower Upper
91 100
126 33.2 0.0 67.2

Manual Integrations
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Reviewed By :John
Carlone

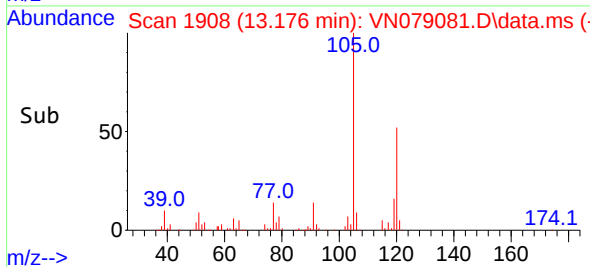
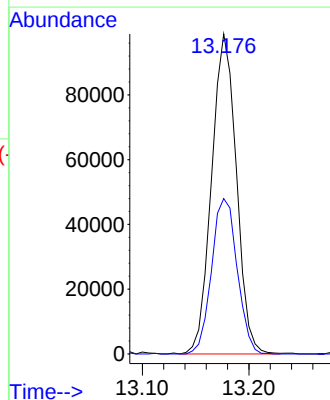
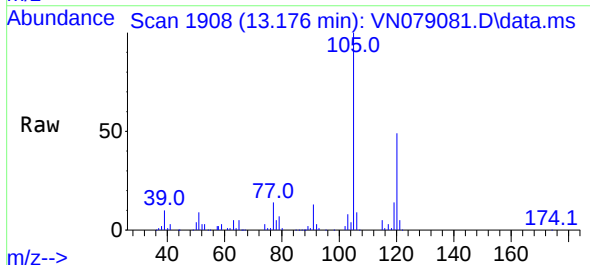
08/30/2023
Supervised By :Mahesh
Dadoda

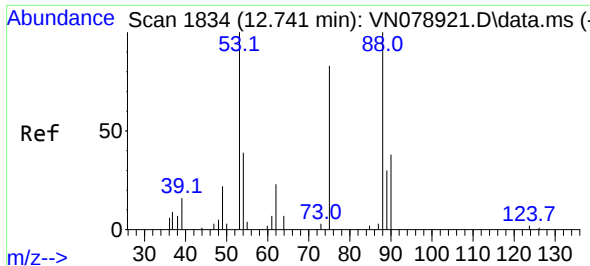
09/01/2023



#76
1,3,5-Trimethylbenzene
Concen: 20.081 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:105 Resp: 159772
Ion Ratio Lower Upper
105 100
120 50.0 0.0 98.8





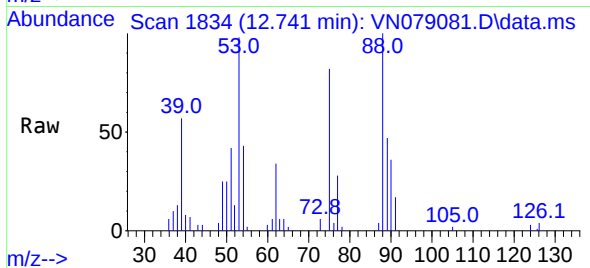
#77
t-1,4-Dichloro-2-butene
Concen: 15.256 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



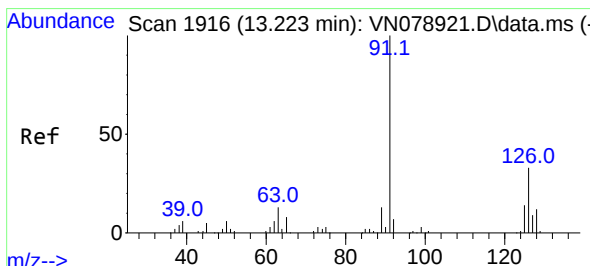
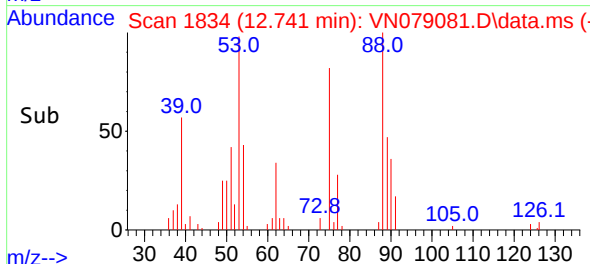
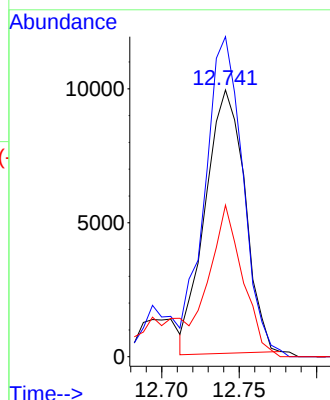
Tgt Ion: 75 Resp: 17500
Ion Ratio Lower Upper
75 100
53 119.8 60.1 180.3
89 58.0 22.9 68.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

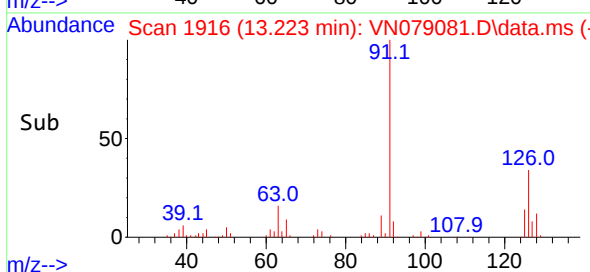
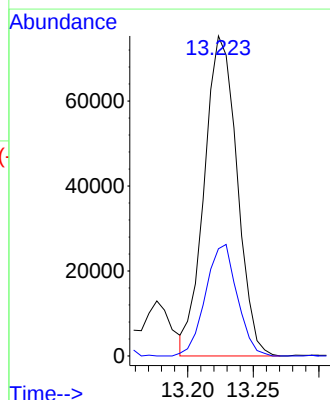
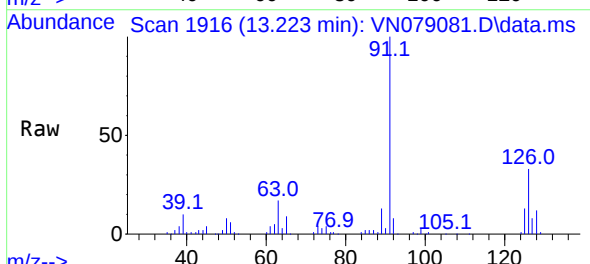
08/30/2023
Supervised By :Mahesh
Dadoda

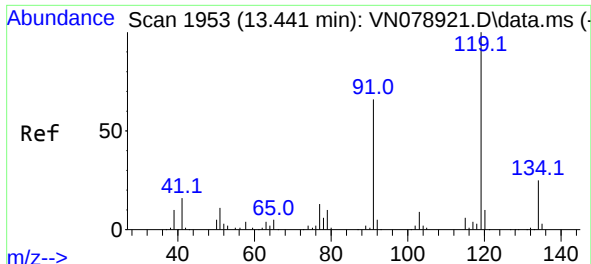
09/01/2023



#78
4-Chlorotoluene
Concen: 18.943 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion: 91 Resp: 130966
Ion Ratio Lower Upper
91 100
126 33.7 0.0 67.4





#79
tert-butylbenzene
Concen: 18.692 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:119 Resp: 125674
Ion Ratio Lower Upper
119 100
91 68.3 0.0 135.6
134 25.0 0.0 51.4

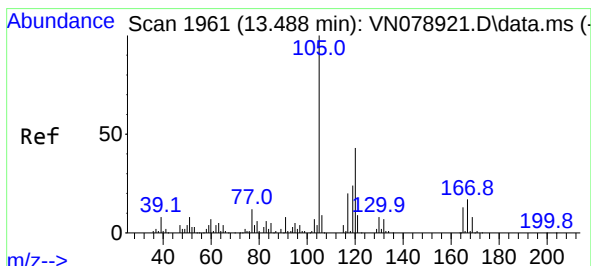
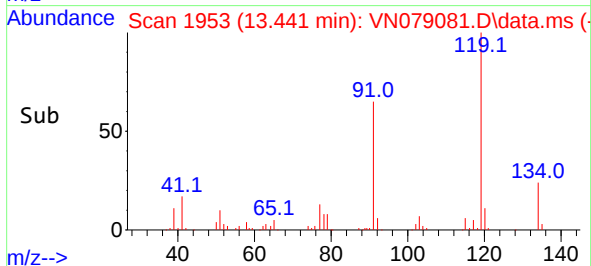
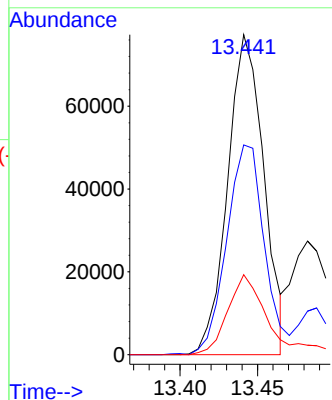
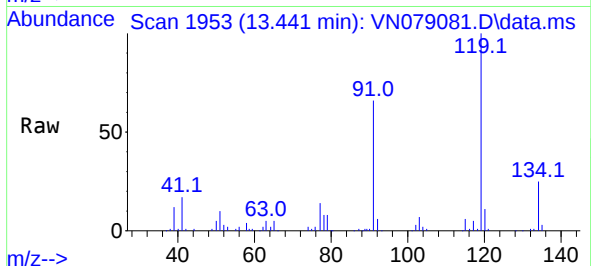
Manual Integrations
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Reviewed By :John
Carlone

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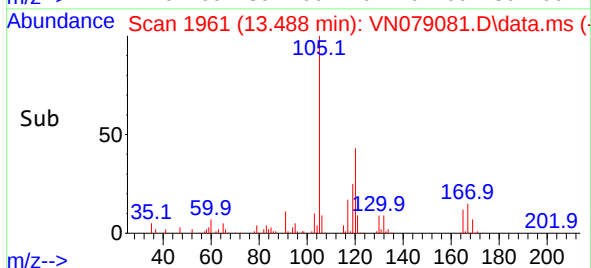
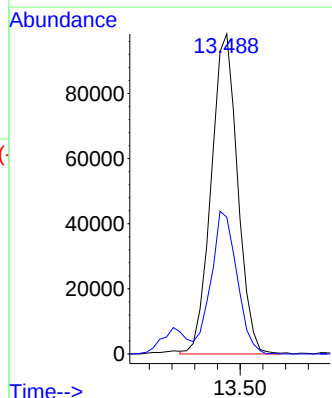
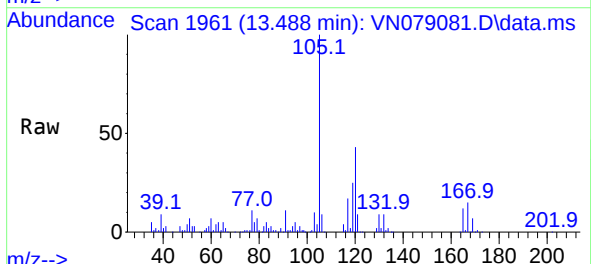
Supervised By :Mahesh
Dadoda

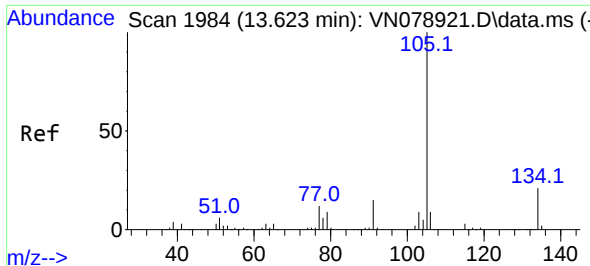
09/01/2023



#80
1,2,4-Trimethylbenzene
Concen: 20.282 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:105 Resp: 158678
Ion Ratio Lower Upper
105 100
120 43.5 0.0 91.6





#81
 sec-Butylbenzene
 Concen: 19.848 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.006 min
 Lab File: VN079081.D
 Acq: 29 Aug 2023 09:21

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

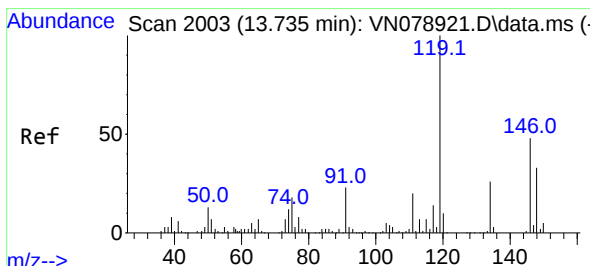
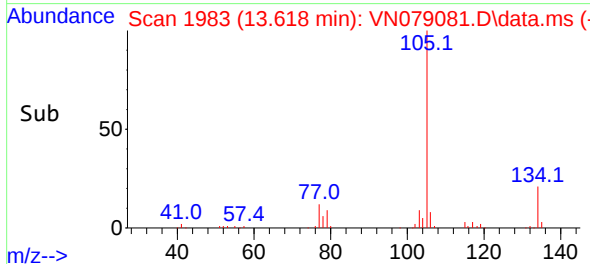
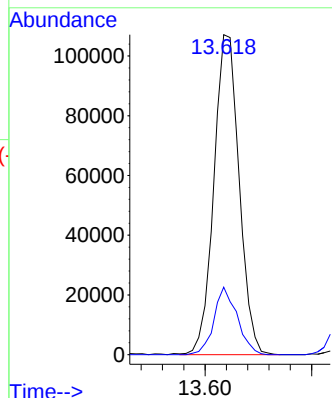
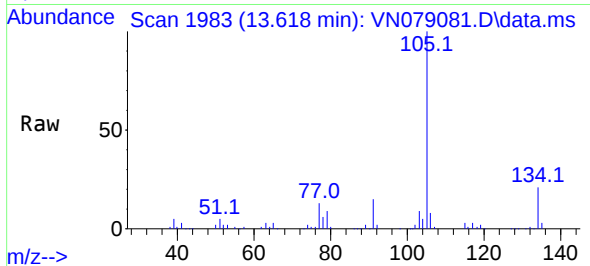
Tgt Ion:105 Resp: 176118
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 41.6

Manual Integrations
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Reviewed By :John
 Carlone

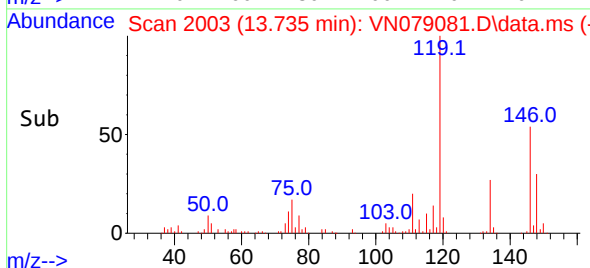
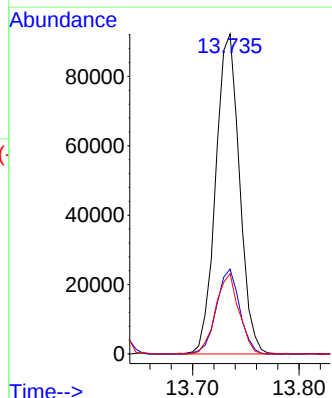
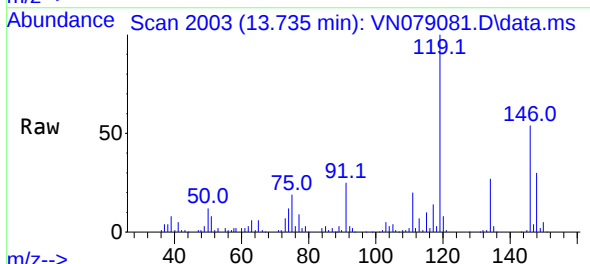
08/30/2023
 Supervised By :Mahesh
 Dadoda

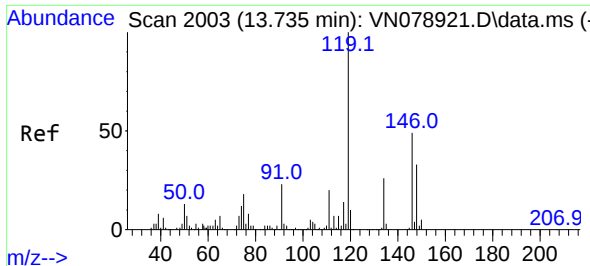
09/01/2023



#82
 p-Isopropyltoluene
 Concen: 19.726 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN079081.D
 Acq: 29 Aug 2023 09:21

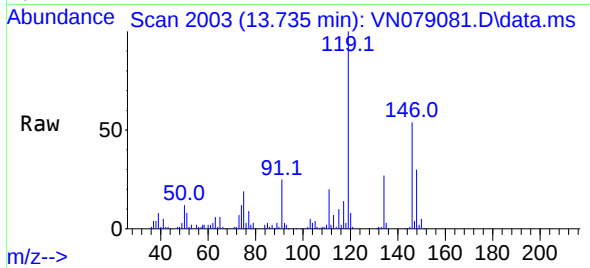
Tgt Ion:119 Resp: 142909
 Ion Ratio Lower Upper
 119 100
 134 25.9 0.0 52.4
 91 24.5 0.0 47.4





#83
1,3-Dichlorobenzene
Concen: 19.771 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020



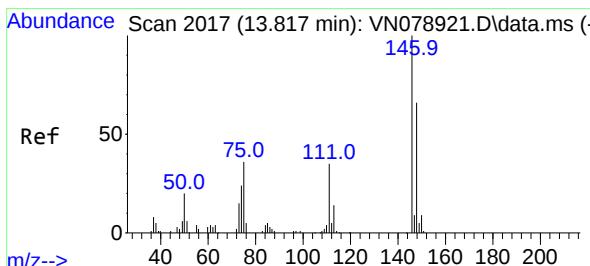
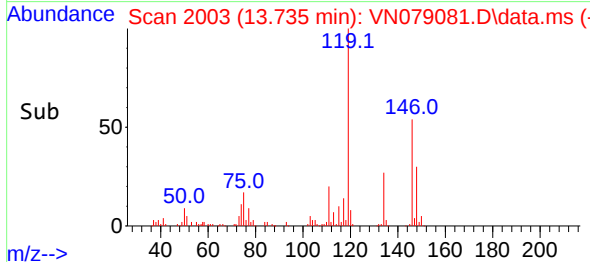
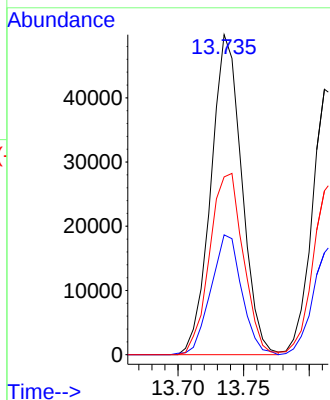
Tgt Ion:146 Resp: 81530
Ion Ratio Lower Upper
146 100
111 37.6 21.2 63.6
148 61.7 33.1 99.5

Manual Integrations
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Reviewed By :John
Carlone

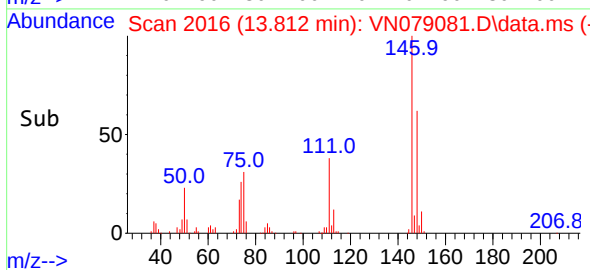
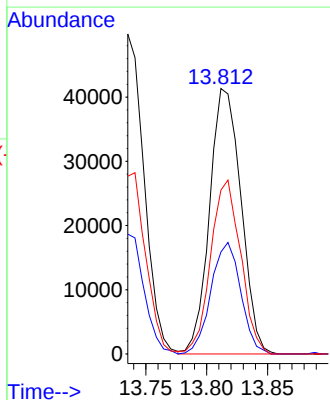
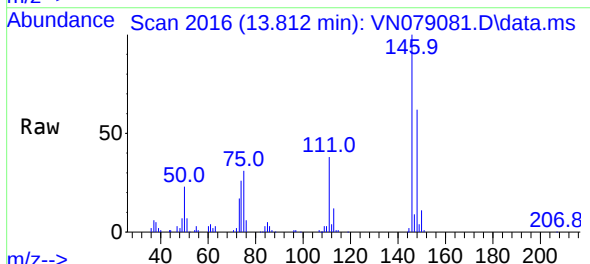
08/30/2023
Supervised By :Mahesh
Dadoda

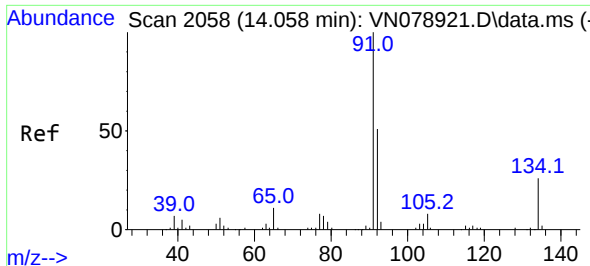
09/01/2023



#84
1,4-Dichlorobenzene
Concen: 18.384 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:146 Resp: 74431
Ion Ratio Lower Upper
146 100
111 39.8 18.6 56.0
148 62.6 32.0 96.2





#85
n-Butylbenzene
Concen: 19.166 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

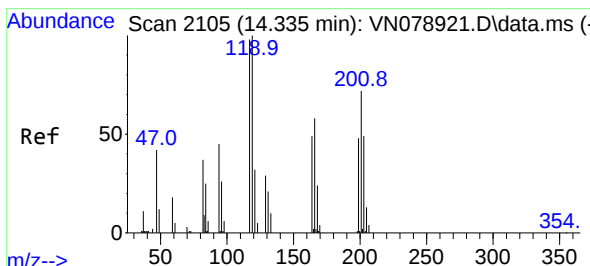
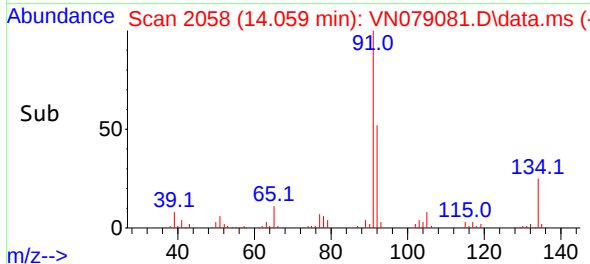
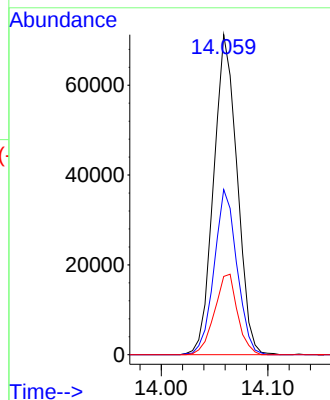
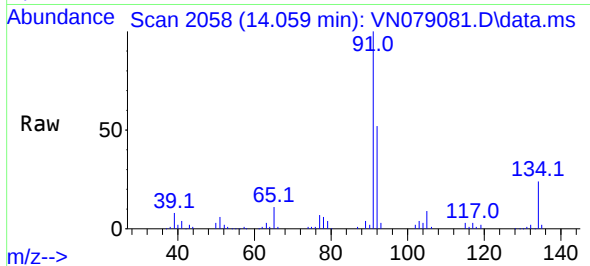
Tgt Ion: 91 Resp: 109208
Ion Ratio Lower Upper
91 100
92 50.1 0.0 102.8
134 24.6 0.0 48.6

Manual Integrations
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Reviewed By :John
Carlone

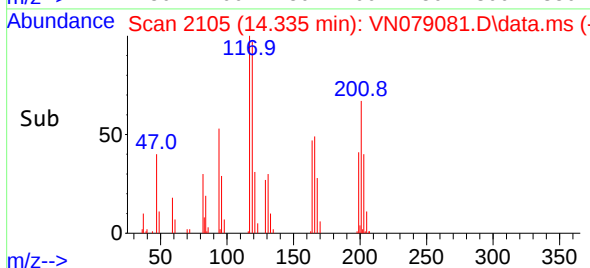
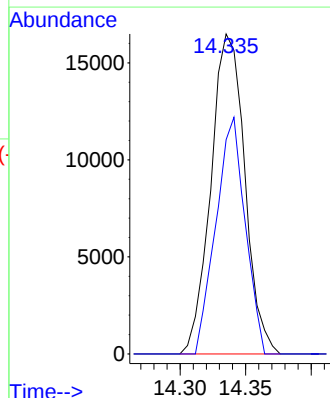
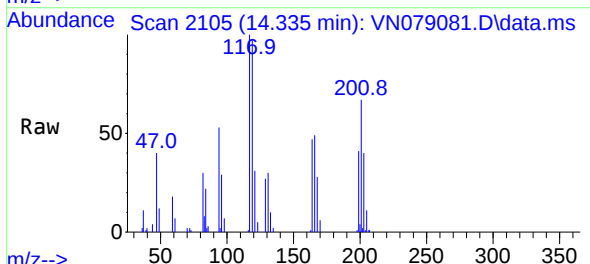
08/30/2023
Supervised By :Mahesh
Dadoda

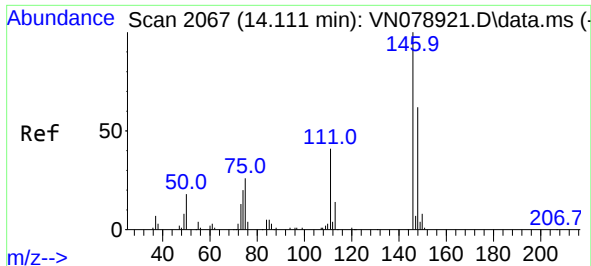
09/01/2023



#86
Hexachloroethane
Concen: 20.020 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:117 Resp: 29677
Ion Ratio Lower Upper
117 100
201 63.6 36.6 109.8





#87

1,2-Dichlorobenzene

Concen: 18.523 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. -0.006 min

Lab File: VN079081.D

Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

Tgt Ion:	146	Resp:	7823
Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.3	60.8
148	64.4	32.0	96.2

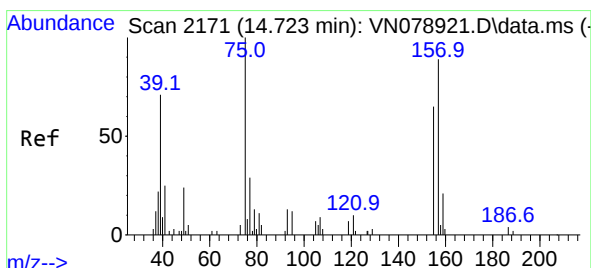
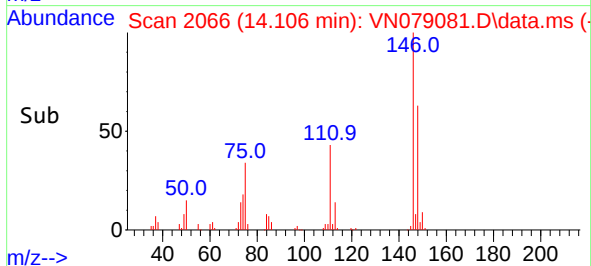
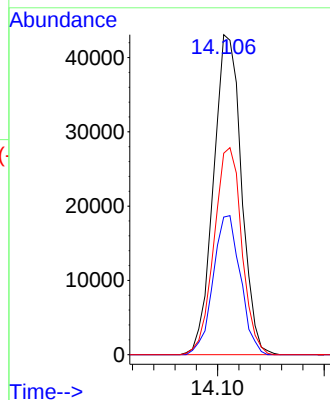
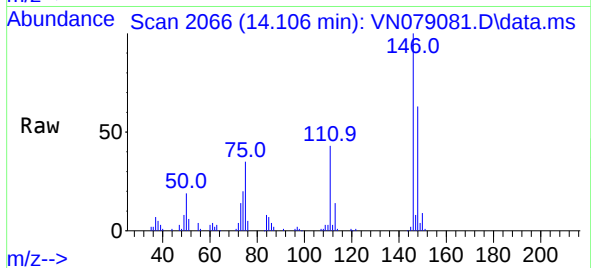
Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/30/2023

Supervised By :Mahesh
Dadoda

09/01/2023



#88

1,2-Dibromo-3-Chloropropane

Concen: 15.908 ug/l

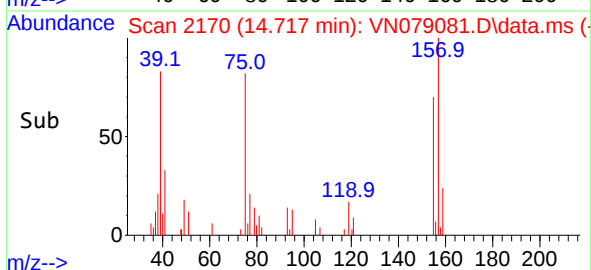
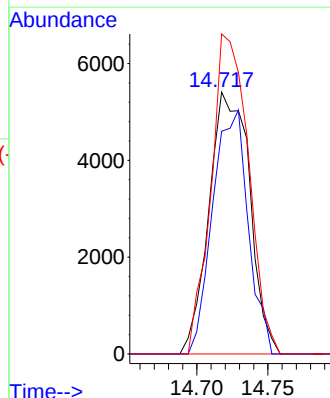
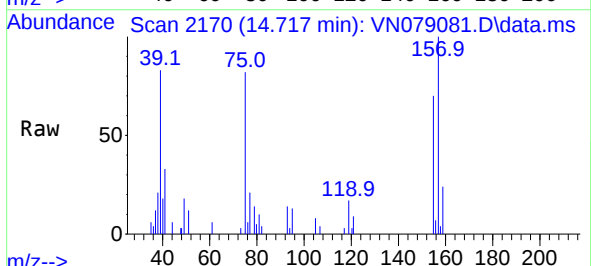
RT: 14.717 min Scan# 2170

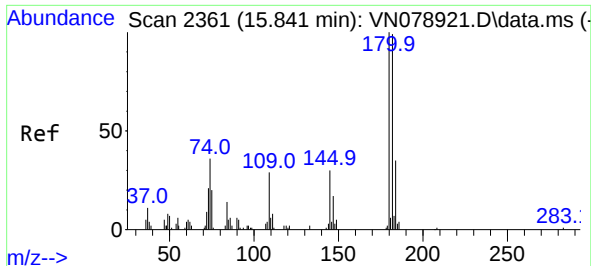
Delta R.T. -0.006 min

Lab File: VN079081.D

Acq: 29 Aug 2023 09:21

Tgt Ion:	75	Resp:	10743
Ion	Ratio	Lower	Upper
75	100		
155	81.2	61.1	91.7
157	112.7	79.8	119.6





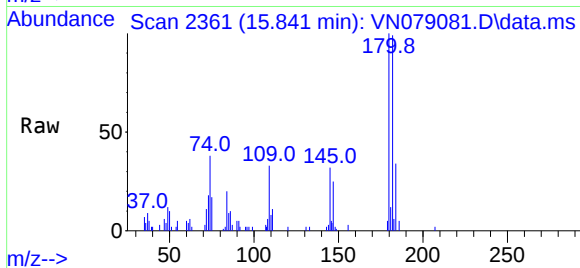
#89
1,2,4-Trichlorobenzene
Concen: 14.816 ug/l
RT: 15.841 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:180 Resp: 24714
Ion Ratio Lower Upper
180 100
182 106.6 76.1 114.1
145 34.7 26.5 39.7

Manual Integrations

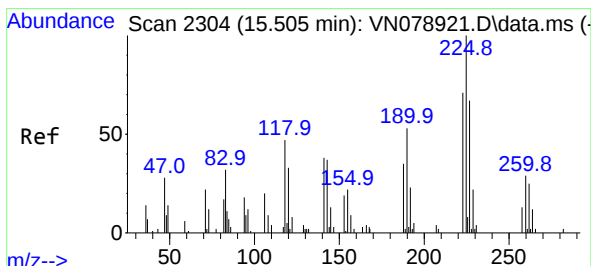
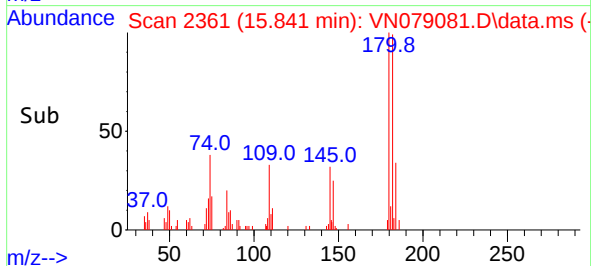
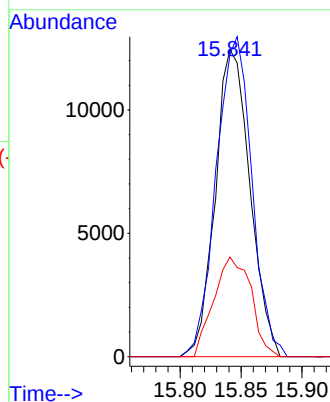
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Reviewed By :John
Carlone

08/30/2023

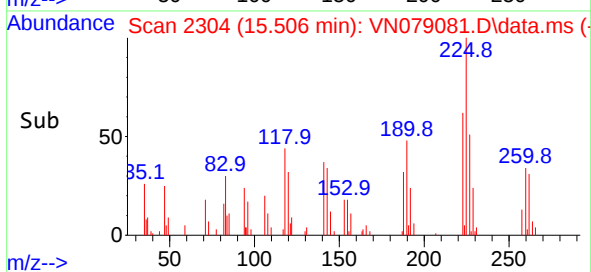
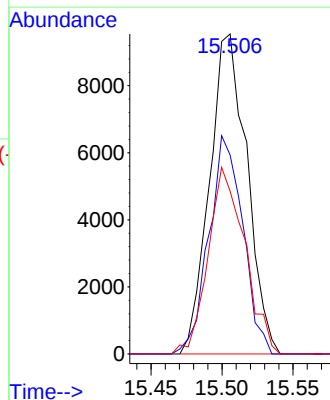
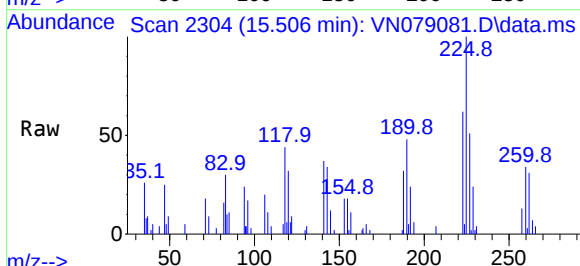
Supervised By :Mahesh
Dadoda

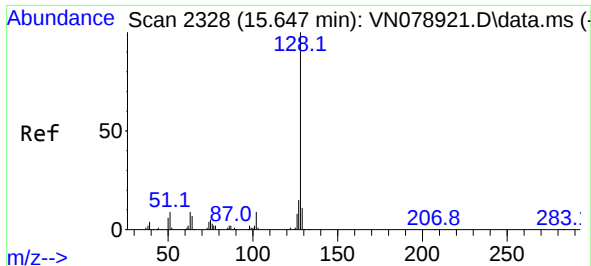
09/01/2023



#90
Hexachlorobutadiene
Concen: 20.116 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:225 Resp: 17470
Ion Ratio Lower Upper
225 100
223 61.9 0.0 124.0
227 57.0 0.0 117.4





#91
Naphthalene
Concen: 12.636 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

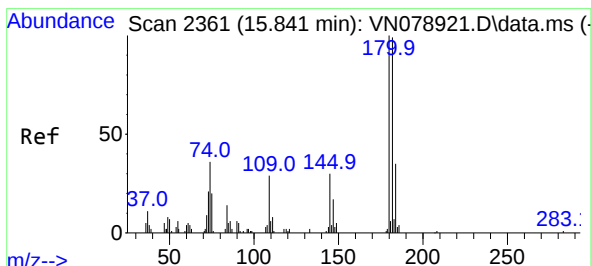
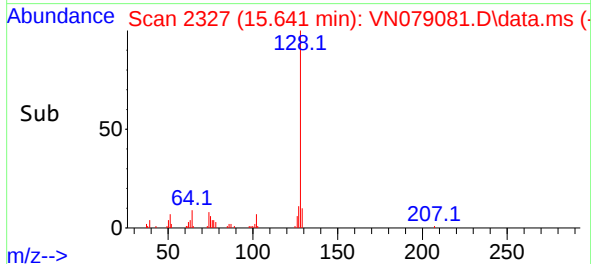
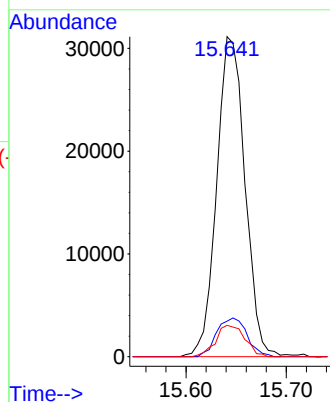
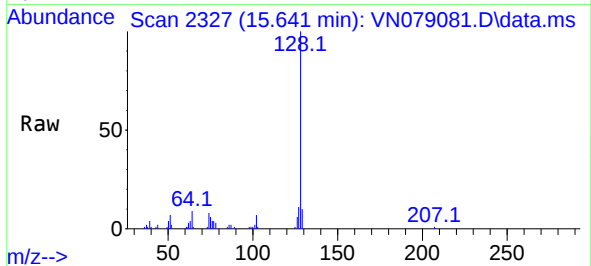
Tgt Ion:	128	Resp:	6079
Ion	Ratio	Lower	Upper
128	100		
127	13.0	11.1	16.7
129	10.2	8.6	13.0

Manual Integrations
APPROVED

Reviewed By :John
Carlone

08/30/2023
Supervised By :Mahesh
Dadoda

09/01/2023



#92
1,2,3-Trichlorobenzene
Concen: 14.816 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN079081.D
Acq: 29 Aug 2023 09:21

Tgt Ion:	180	Resp:	24714
Ion	Ratio	Lower	Upper
180	100		
182	106.6	0.0	190.2
145	34.7	0.0	66.2

