

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111423\
 Data File : VN080079.D
 Acq On : 14 Nov 2023 10:54
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 03:54:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :John
 Carlone

11/15/2023
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	200935	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	318754	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	288338	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	144798	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.583	65	153334	50.088	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.180%	
35) Dibromofluoromethane	8.165	113	113124	50.143	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.280%	
50) Toluene-d8	10.571	98	408671	49.207	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.420%	
62) 4-Bromofluorobenzene	12.853	95	156852	56.946	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 113.900%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	122840	50.754	ug/l	100
3) Chloromethane	2.365	50	90110	29.188	ug/l	98
4) Vinyl Chloride	2.518	62	155483	49.077	ug/l	99
5) Bromomethane	2.948	94	54167	28.139	ug/l	93
6) Chloroethane	3.118	64	67092	26.801	ug/l	96
7) Trichlorofluoromethane	3.495	101	211342	53.634	ug/l	98
8) Diethyl Ether	3.959	74	64805	43.338	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.371	101	107076	46.875	ug/l	97
10) Methyl Iodide	4.589	142	112870	43.269	ug/l #	87
11) Tert butyl alcohol	5.518	59	76903	196.789	ug/l	99
12) 1,1-Dichloroethene	4.336	96	95125	43.981	ug/l	87
13) Acrolein	4.183	56	49744	150.571	ug/l	100
14) Allyl chloride	5.024	41	130598	39.424	ug/l	96
15) Acrylonitrile	5.718	53	247320	203.082	ug/l	97
16) Acetone	4.418	43	238835	222.107	ug/l	97
17) Carbon Disulfide	4.712	76	221351	35.480	ug/l	100
18) Methyl Acetate	5.030	43	188697	36.679	ug/l	93
19) Methyl tert-butyl Ether	5.795	73	376020	50.497	ug/l	99
20) Methylene Chloride	5.277	84	117285	43.226	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	103822	43.041	ug/l #	84
22) Diisopropyl ether	6.671	45	337971	44.025	ug/l #	91
23) Vinyl Acetate	6.606	43	873019	206.166	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	217689	46.654	ug/l	97
25) 2-Butanone	7.483	43	316080	200.731	ug/l	91
26) 2,2-Dichloropropane	7.489	77	208595	54.055	ug/l	96
27) cis-1,2-Dichloroethene	7.489	96	129060	44.728	ug/l	85
28) Bromochloromethane	7.818	49	106158	46.685	ug/l	87
29) Tetrahydrofuran	7.836	42	187341	182.864	ug/l	87
30) Chloroform	7.965	83	248546	49.038	ug/l	94
31) Cyclohexane	8.259	56	149721	37.012	ug/l	92
32) 1,1,1-Trichloroethane	8.171	97	231750	56.117	ug/l	97
36) 1,1-Dichloropropene	8.371	75	166349	51.642	ug/l	94
37) Ethyl Acetate	7.559	43	121609	41.164	ug/l	98
38) Carbon Tetrachloride	8.359	117	206446	63.593	ug/l	98
39) Methylcyclohexane	9.606	83	144844	47.780	ug/l #	85
40) Benzene	8.606	78	474180	49.148	ug/l	96

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	65534	41.774	ug/l	94
42) 1,2-Dichloroethane	8.671	62	195512	58.014	ug/l	97
43) Isopropyl Acetate	8.688	43	213467	41.203	ug/l	97
44) Trichloroethene	9.353	130	116937	48.844	ug/l	95
45) 1,2-Dichloropropane	9.624	63	120478	48.864	ug/l	97
46) Dibromomethane	9.712	93	86033	51.102	ug/l	93
47) Bromodichloromethane	9.888	83	198069	55.165	ug/l	99
48) Methyl methacrylate	9.682	41	102242	45.055	ug/l	87
49) 1,4-Dioxane	9.694	88	37107	925.414	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	630391	216.127	ug/l	97
52) Toluene	10.629	92	303497	53.061	ug/l	100
53) t-1,3-Dichloropropene	10.835	75	198361	56.356	ug/l	100
54) cis-1,3-Dichloropropene	10.312	75	208672	54.391	ug/l	94
55) 1,1,2-Trichloroethane	11.018	97	122795	53.376	ug/l	98
56) Ethyl methacrylate	10.877	69	170633	51.998	ug/l	90
57) 1,3-Dichloropropane	11.165	76	210979	52.028	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	429653	258.329	ug/l	94
59) 2-Hexanone	11.200	43	481904	215.973	ug/l	94
60) Dibromochloromethane	11.359	129	142375	57.816	ug/l	99
61) 1,2-Dibromoethane	11.471	107	114972	49.792	ug/l	100
64) Tetrachloroethene	11.106	164	99350	53.201	ug/l	98
65) Chlorobenzene	11.894	112	316264	50.565	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	129357	57.403	ug/l	94
67) Ethyl Benzene	11.965	91	595202	54.620	ug/l	94
68) m/p-Xylenes	12.071	106	439803	108.343	ug/l	87
69) o-Xylene	12.400	106	216437	55.370	ug/l	90
70) Styrene	12.412	104	364641	58.045	ug/l	94
71) Bromoform	12.576	173	96154	60.090	ug/l #	99
73) Isopropylbenzene	12.700	105	560328	50.989	ug/l	98
74) N-amyl acetate	12.494	43	177361	36.976	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	161662	41.491	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	130955m	38.523	ug/l	
77) Bromobenzene	12.982	156	133919	49.775	ug/l	99
78) n-propylbenzene	13.035	91	653125	51.899	ug/l	97
79) 2-Chlorotoluene	13.129	91	418763	52.090	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	490498	57.368	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.735	75	52046	41.655	ug/l #	87
82) 4-Chlorotoluene	13.223	91	421914	52.814	ug/l	95
83) tert-Butylbenzene	13.441	119	391361	55.920	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	491524	58.431	ug/l	97
85) sec-Butylbenzene	13.618	105	521502	53.784	ug/l	99
86) p-Isopropyltoluene	13.729	119	447644	56.625	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	246961	49.343	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	247009	48.621	ug/l	99
89) n-Butylbenzene	14.059	91	363587	53.399	ug/l	99
90) Hexachloroethane	14.335	117	82595	52.755	ug/l	77
91) 1,2-Dichlorobenzene	14.106	146	238132	50.401	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.723	75	32335	48.937	ug/l	96
93) 1,2,4-Trichlorobenzene	15.394	180	116716	51.953	ug/l	98
94) Hexachlorobutadiene	15.506	225	65296	64.114	ug/l	98
95) Naphthalene	15.641	128	328724	43.147	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	110252	50.065	ug/l	96

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Quant Title : SW846 8260
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Response via : Initial Calibration

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

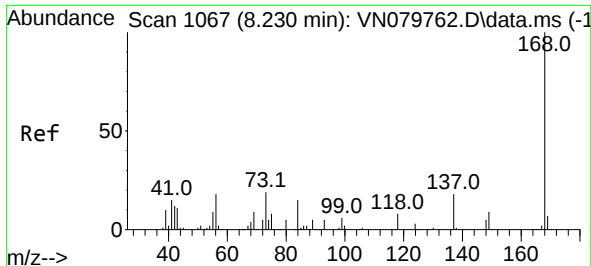
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

11/15/2023

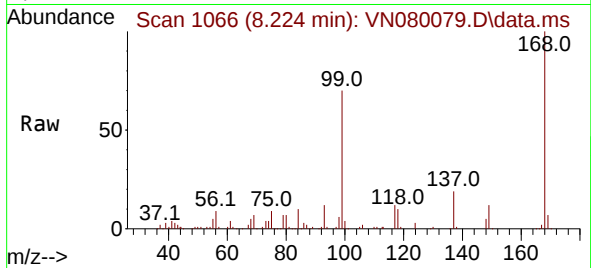
Compound	R.T.	QI	on	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN080079.D
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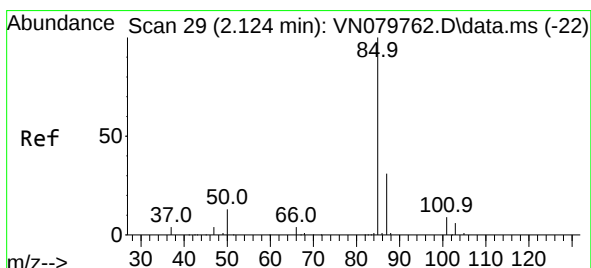
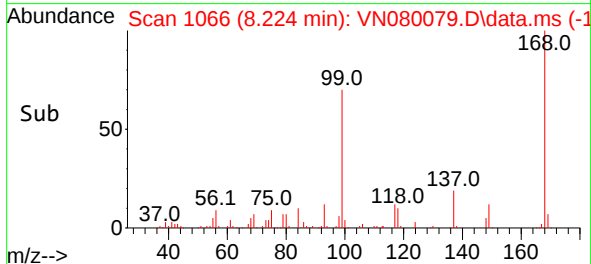
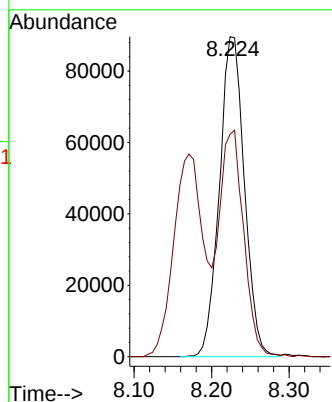
Tgt Ion:168 Resp: 200935
Ion Ratio Lower Upper
168 100
99 69.0 53.0 79.6

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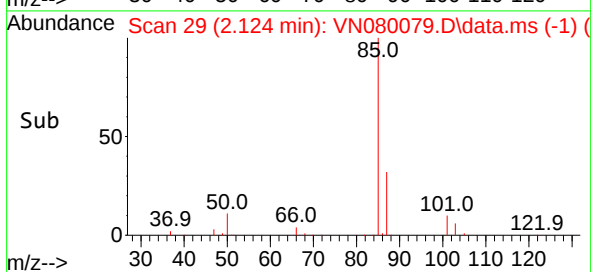
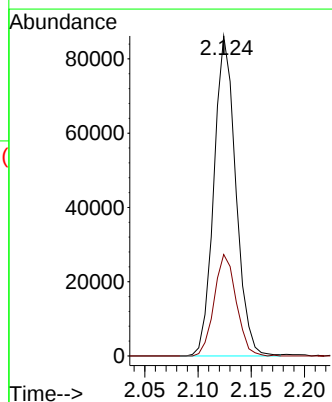
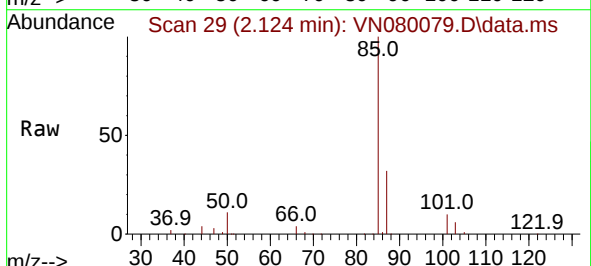
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Dadoda

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#2
Dichlorodifluoromethane
Concen: 50.754 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion: 85 Resp: 122840
Ion Ratio Lower Upper
85 100
87 31.7 15.8 47.4





#3
Chloromethane
Concen: 29.188 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

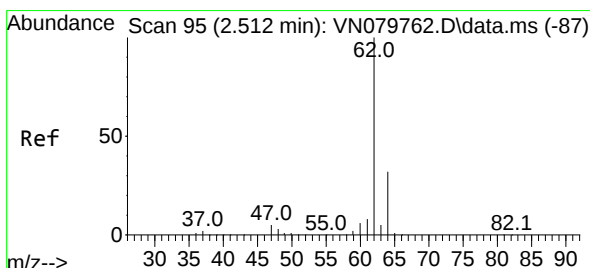
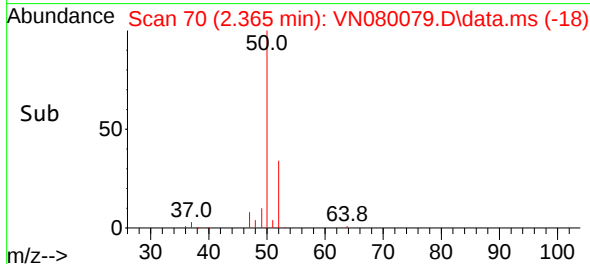
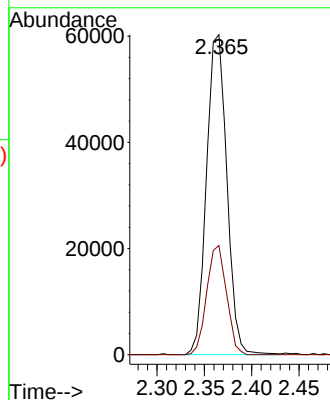
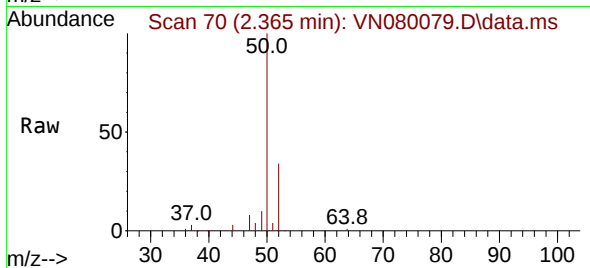
Tgt Ion: 50 Resp: 90110
Ion Ratio Lower Upper
50 100
52 34.1 26.5 39.7

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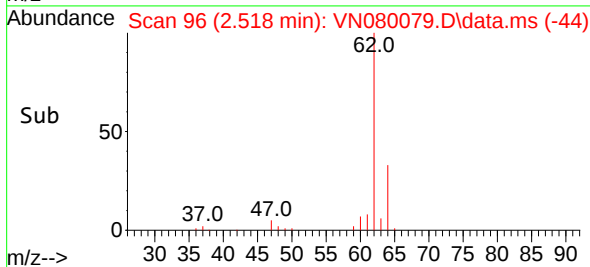
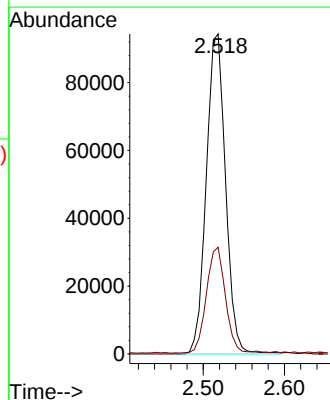
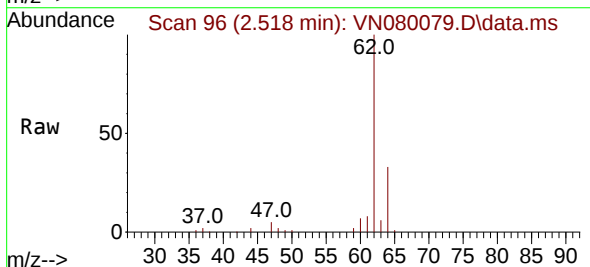
11/15/2023
Supervised By :Mahesh
Dadoda

11/15/2023



#4
Vinyl Chloride
Concen: 49.077 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

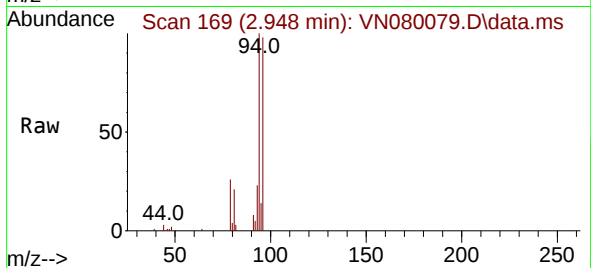
Tgt Ion: 62 Resp: 155483
Ion Ratio Lower Upper
62 100
64 33.1 26.2 39.2





#5
Bromomethane
Concen: 28.139 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



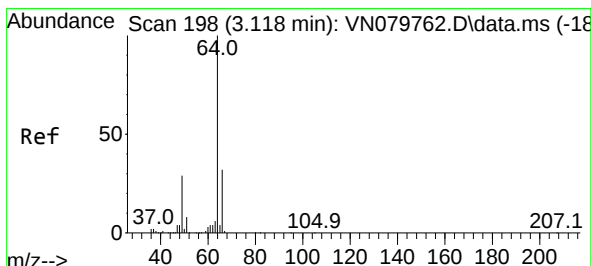
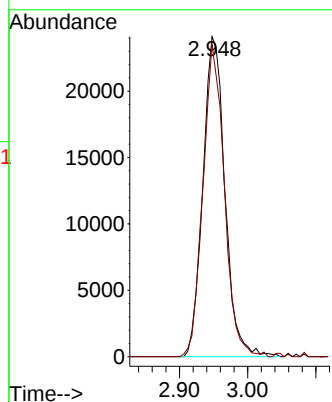
Tgt Ion: 94 Resp: 5416
Ion Ratio Lower Upper
94 100
96 97.6 73.1 109.7

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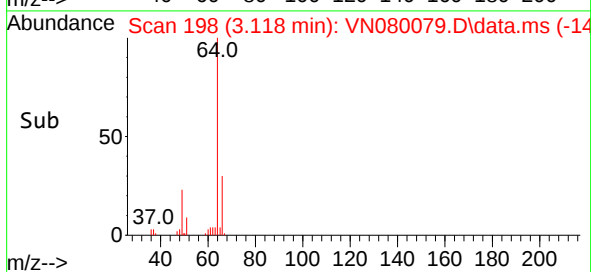
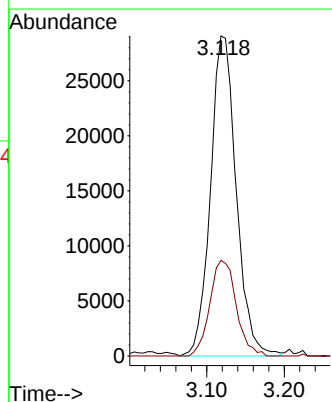
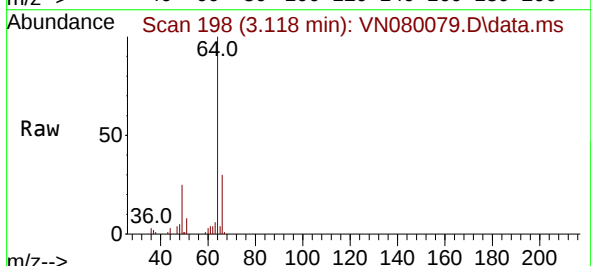
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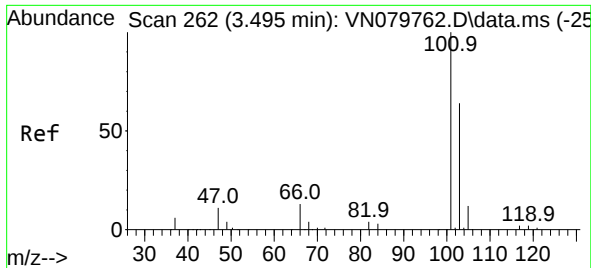
11/15/2023



#6
Chloroethane
Concen: 26.801 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

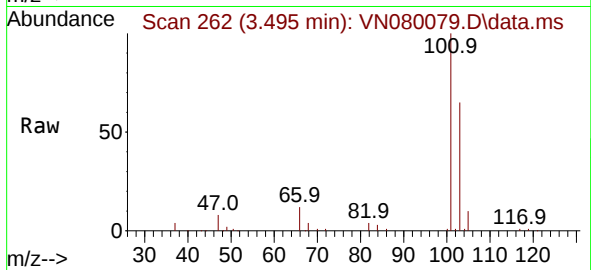
Tgt Ion: 64 Resp: 67092
Ion Ratio Lower Upper
64 100
66 29.9 25.4 38.2





#7
Trichlorofluoromethane
Concen: 53.634 ug/l
RT: 3.495 min Scan# 21134
Delta R.T. 0.000 min
Lab File: VN080079.D
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Instrument :
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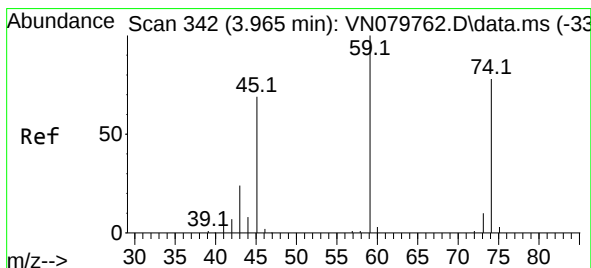
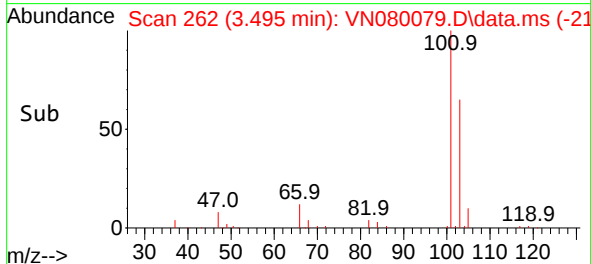
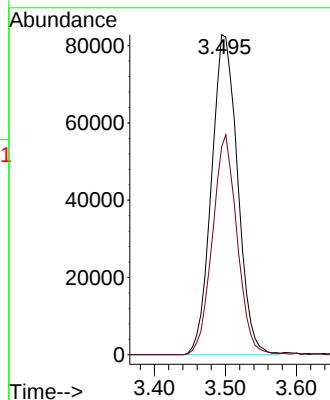
Tgt Ion:101 Resp: 21134
Ion Ratio Lower Upper
101 100
103 65.0 50.7 76.1

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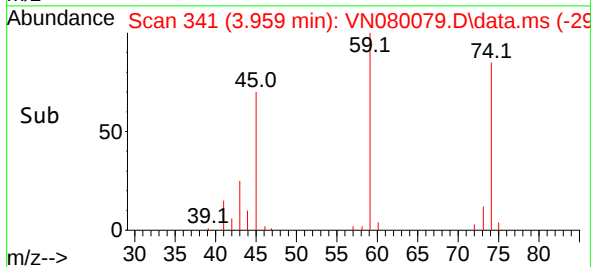
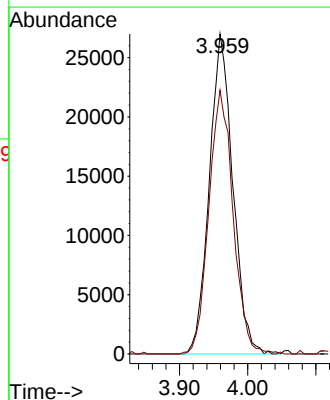
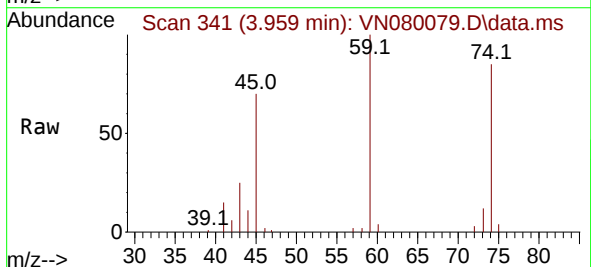
11/15/2023
Supervised By :Mahesh
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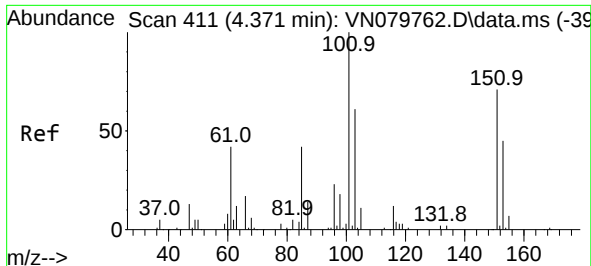
11/15/2023



#8
Diethyl Ether
Concen: 43.338 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

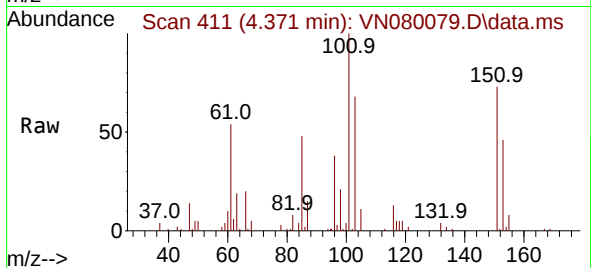
Tgt Ion: 74 Resp: 64805
Ion Ratio Lower Upper
74 100
45 84.7 34.4 103.3





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.875 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN080079.D
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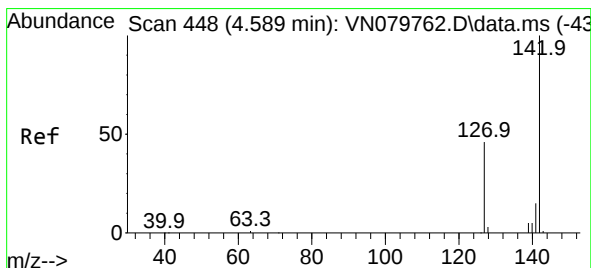
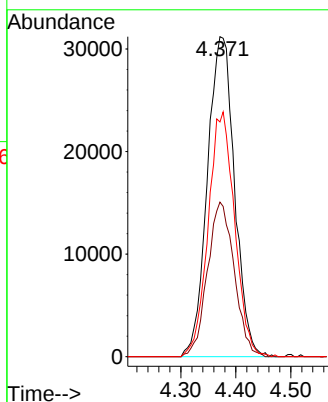
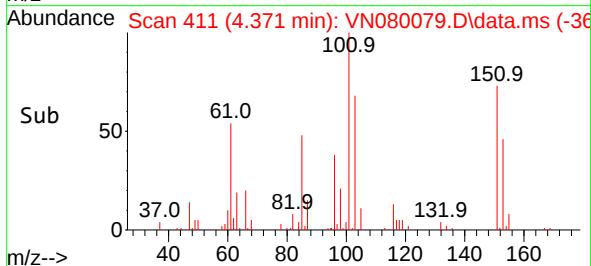
Tgt Ion:101 Resp: 107070
Ion Ratio Lower Upper
101 100
85 47.6 36.6 55.0
151 74.5 57.6 86.4

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Reviewed By :John
Carlone

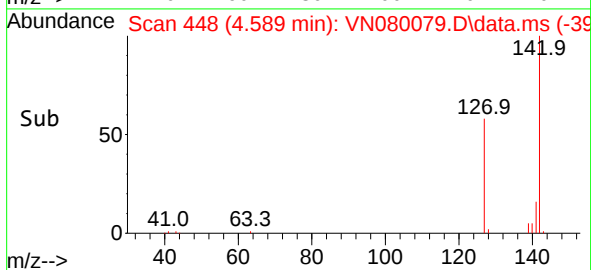
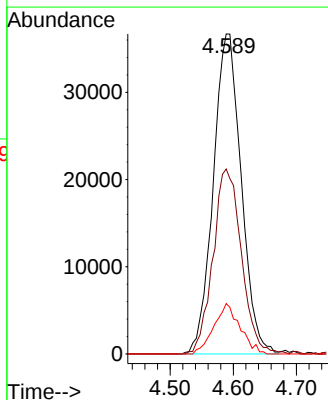
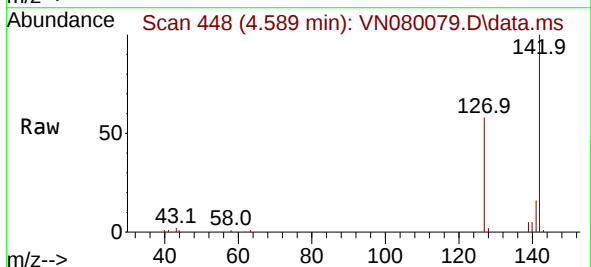
11/15/2023
Supervised By :Mahesh
Dadoda

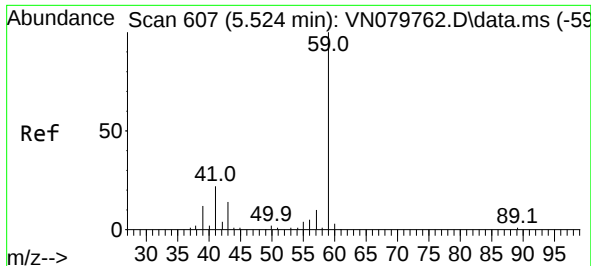
11/15/2023



#10
Methyl Iodide
Concen: 43.269 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion:142 Resp: 112870
Ion Ratio Lower Upper
142 100
127 57.8 37.6 56.4#
141 15.7 11.4 17.0





#11
Tert butyl alcohol
Concen: 196.789 ug/l
RT: 5.518 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

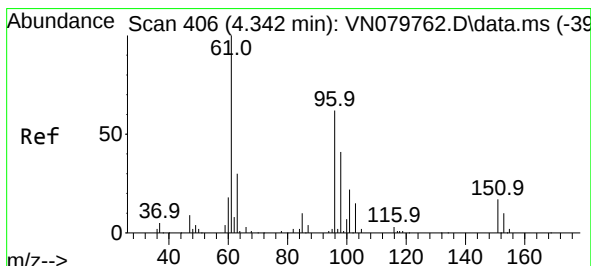
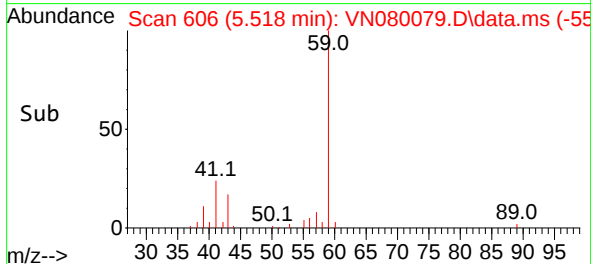
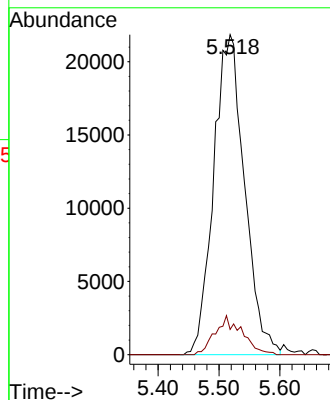
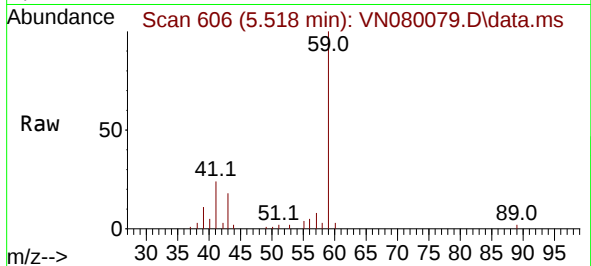
Tgt Ion: 59 Resp: 7690
Ion Ratio Lower Upper
59 100
57 10.7 8.2 12.4

Manual Integrations
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Reviewed By :John
Carlone

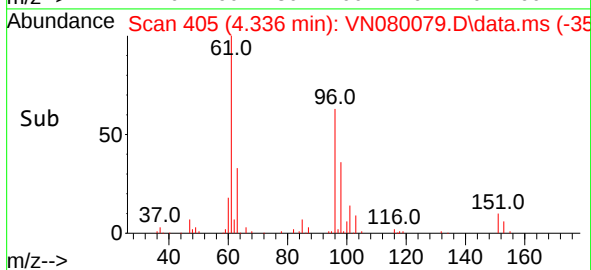
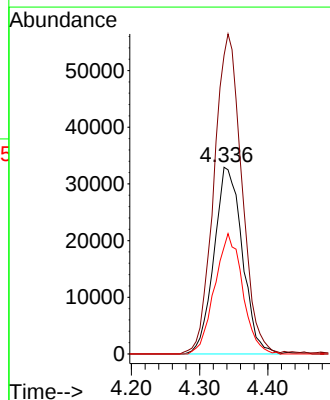
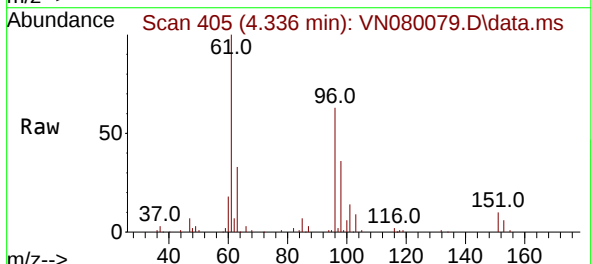
11/15/2023
Supervised By :Mahesh
Dadoda

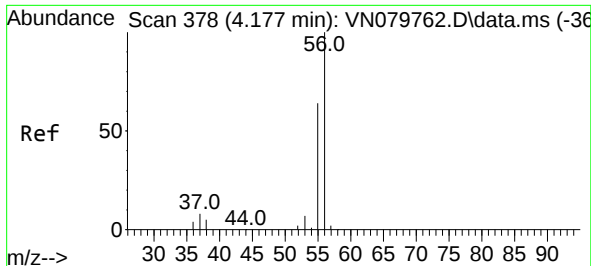
11/15/2023



#12
1,1-Dichloroethene
Concen: 43.981 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.012 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

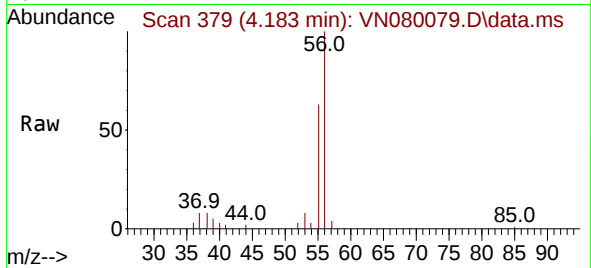
Tgt Ion: 96 Resp: 95125
Ion Ratio Lower Upper
96 100
61 159.9 112.7 169.1
98 57.1 51.2 76.8





#13
Acrolein
Concen: 150.571 ug/l
RT: 4.183 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



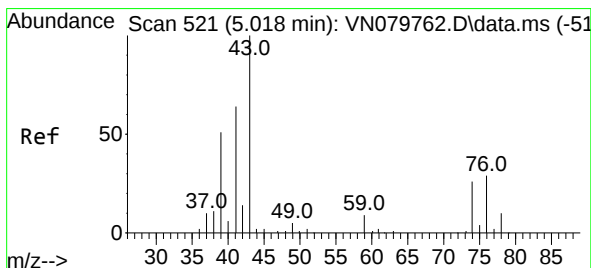
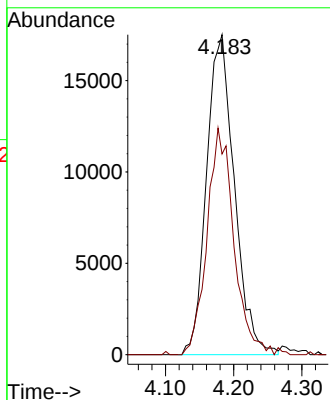
Tgt Ion: 56 Resp: 49744
Ion Ratio Lower Upper
56 100
55 68.2 54.5 81.7

Manual Integrations
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Reviewed By :John
Carlone

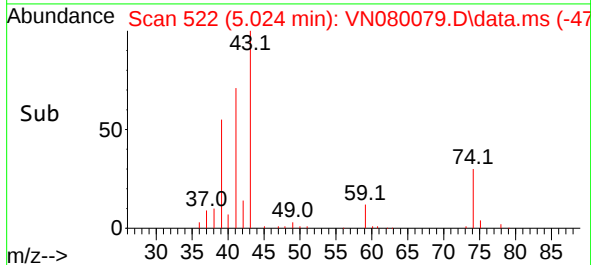
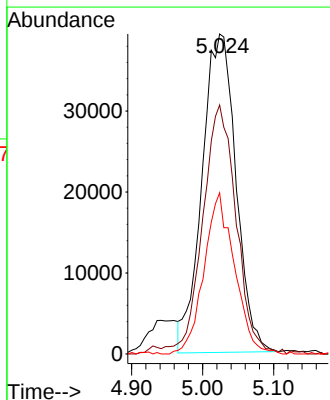
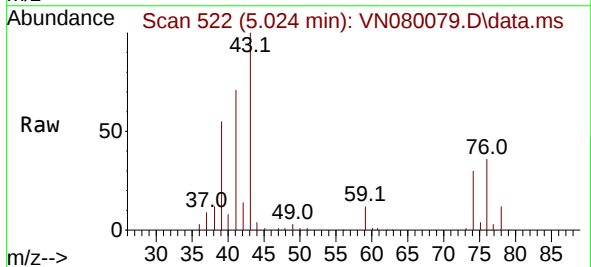
11/15/2023
Supervised By :Mahesh
Dadoda

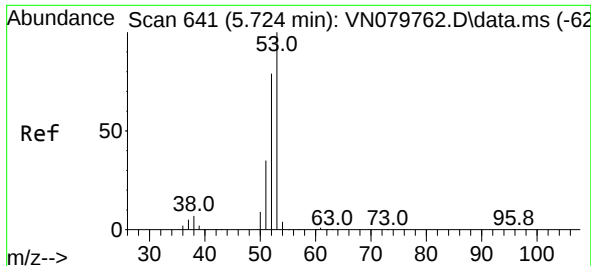
11/15/2023



#14
Allyl chloride
Concen: 39.424 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

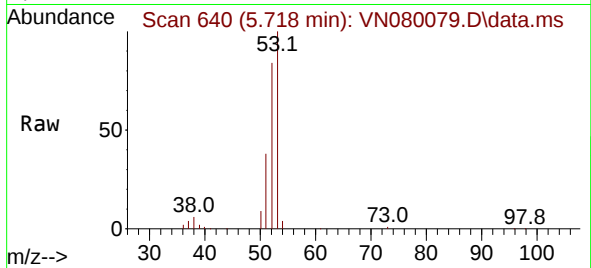
Tgt Ion: 41 Resp: 130598
Ion Ratio Lower Upper
41 100
39 76.0 58.8 88.2
76 45.4 39.1 58.7





#15
Acrylonitrile
Concen: 203.082 ug/l
RT: 5.718 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



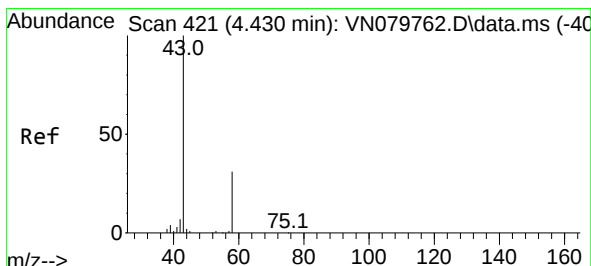
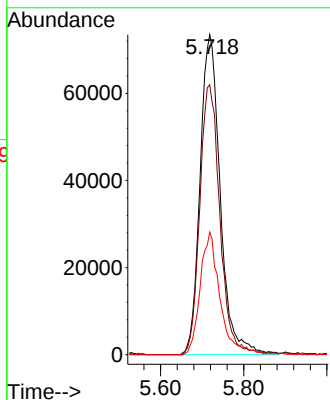
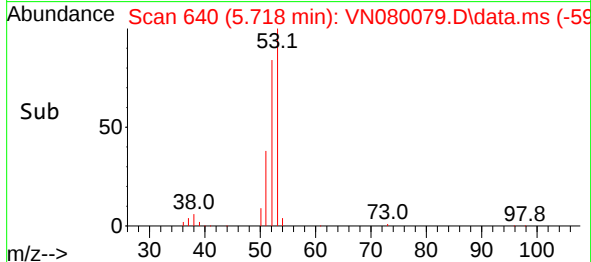
Tgt Ion: 53 Resp: 247320
Ion Ratio Lower Upper
53 100
52 83.8 65.3 97.9
51 37.7 28.9 43.3

Manual Integrations
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Reviewed By :John
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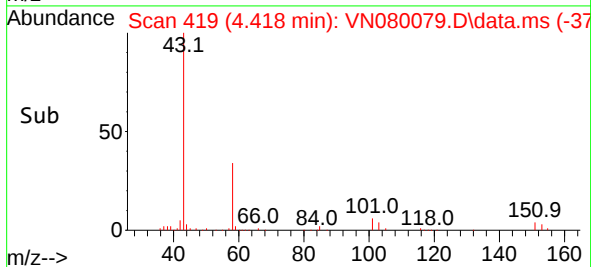
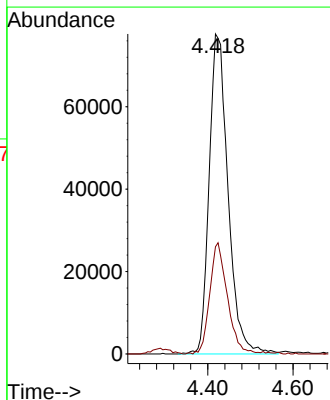
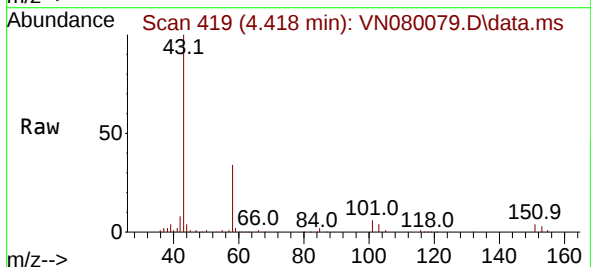
11/15/2023
Supervised By :Mahesh
Dadoda

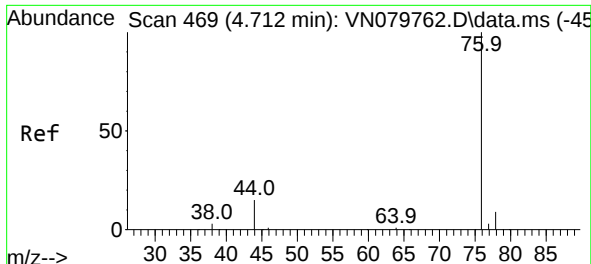
11/15/2023



#16
Acetone
Concen: 222.107 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.012 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

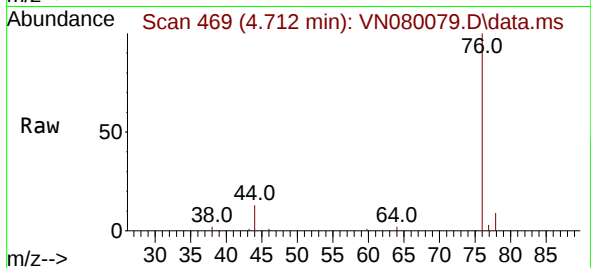
Tgt Ion: 43 Resp: 238835
Ion Ratio Lower Upper
43 100
58 33.1 28.0 42.0





#17
Carbon Disulfide
Concen: 35.480 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



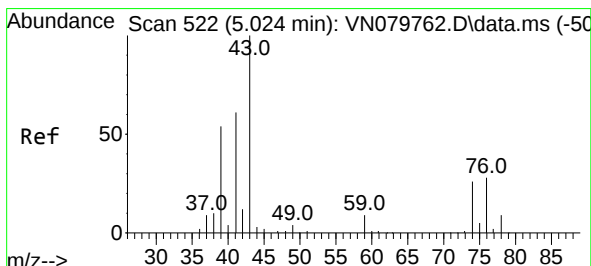
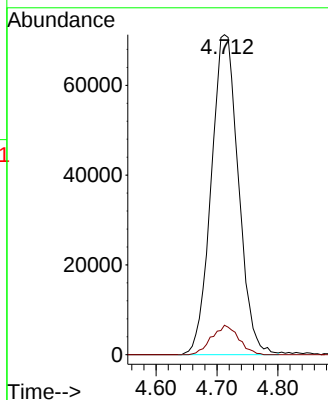
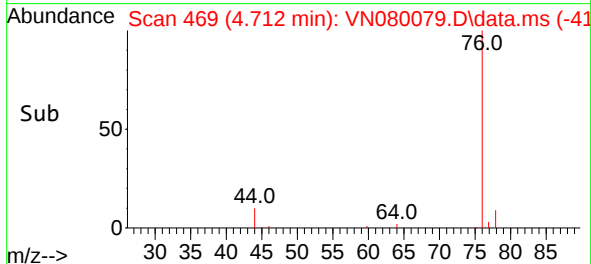
Tgt Ion: 76 Resp: 22135
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0

Manual Integrations
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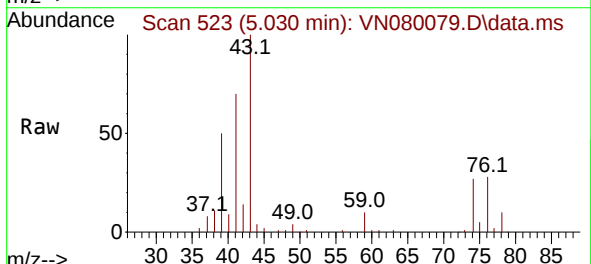
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

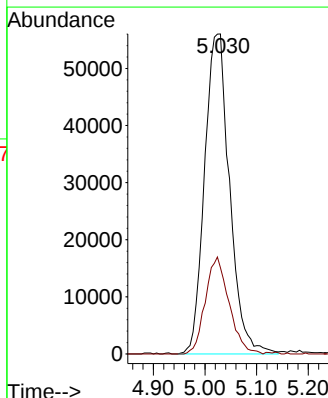
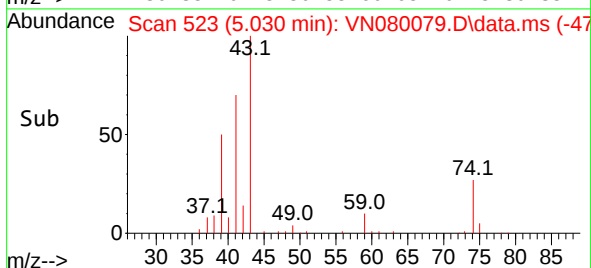
11/15/2023

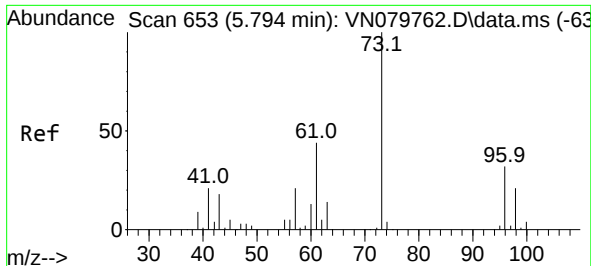


#18
Methyl Acetate
Concen: 36.679 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



Tgt Ion: 43 Resp: 188697
Ion Ratio Lower Upper
43 100
74 28.6 26.2 39.4





#19
Methyl tert-butyl Ether
Concen: 50.497 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

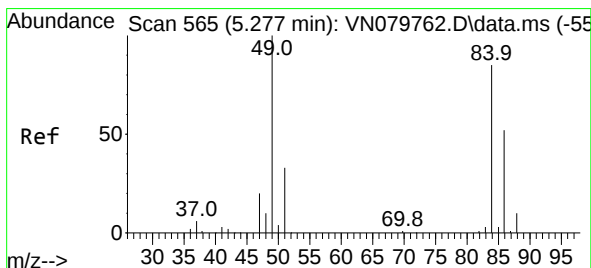
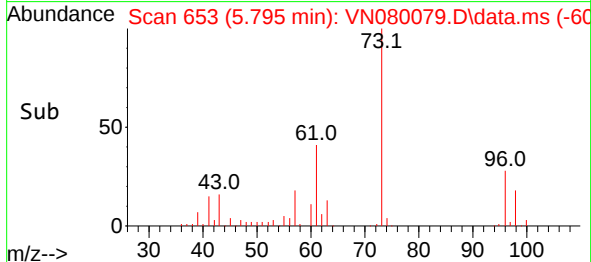
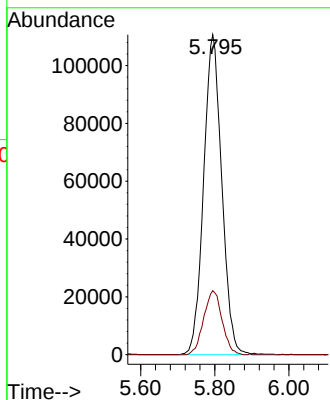
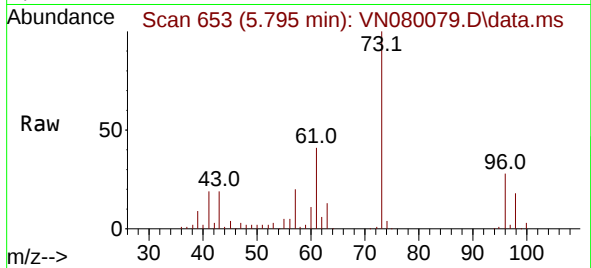
Tgt Ion: 73 Resp: 376020
Ion Ratio Lower Upper
73 100
57 20.0 15.6 23.4

Manual Integrations
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Reviewed By :John
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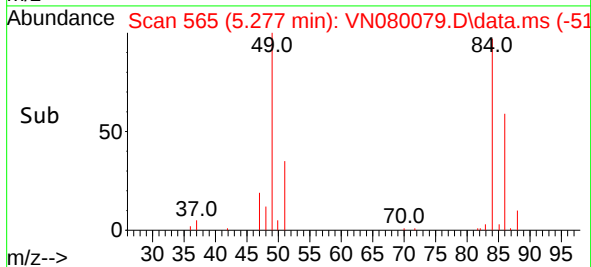
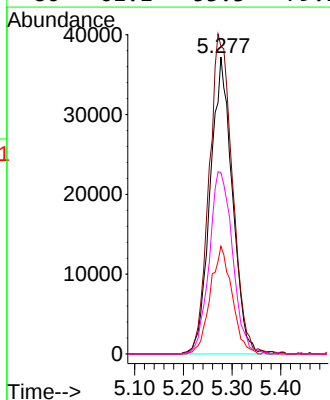
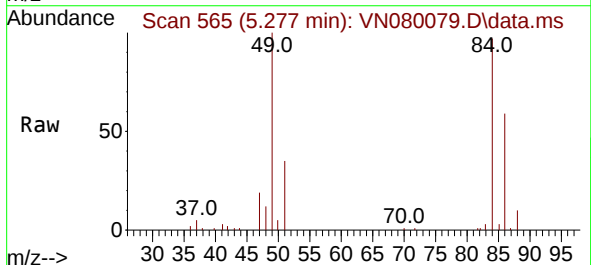
11/15/2023
Supervised By :Mahesh
Dadoda

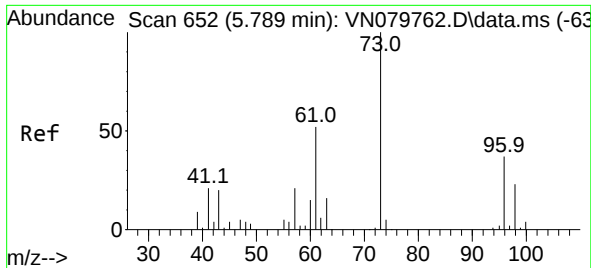
11/15/2023



#20
Methylene Chloride
Concen: 43.226 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

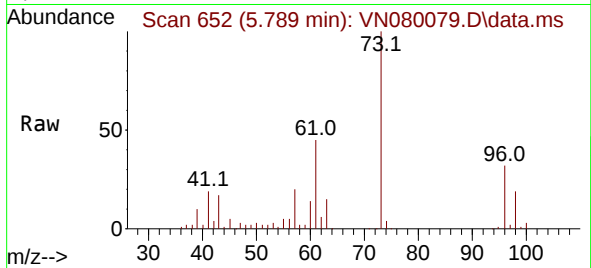
Tgt Ion: 84 Resp: 117285
Ion Ratio Lower Upper
84 100
49 103.5 79.7 119.5
51 36.2 25.2 37.8
86 61.1 53.3 79.9





#21
trans-1,2-Dichloroethene
Concen: 43.041 ug/l
RT: 5.789 min Scan# 611
Delta R.T. 0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



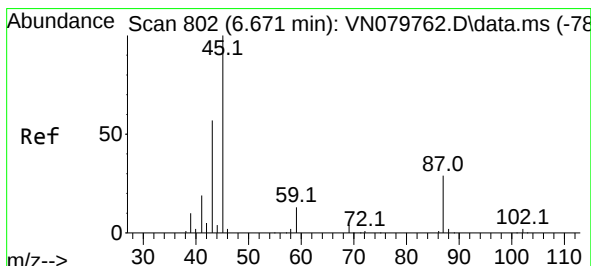
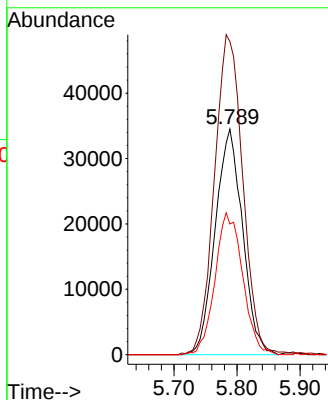
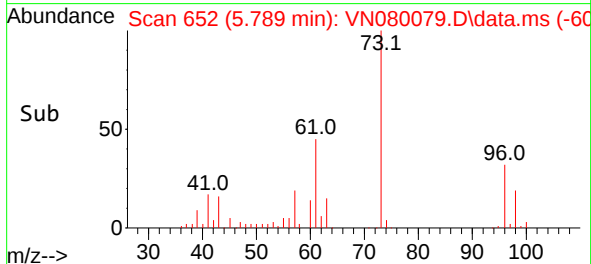
Tgt Ion: 96 Resp: 103822
Ion Ratio Lower Upper
96 100
61 138.8 90.1 135.1
98 58.0 46.4 69.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

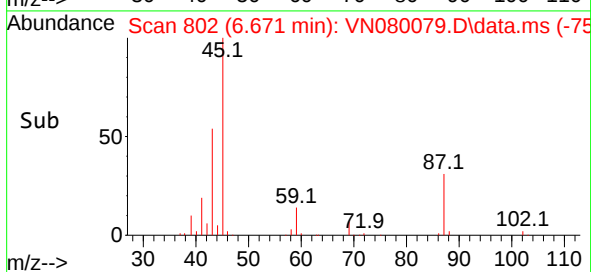
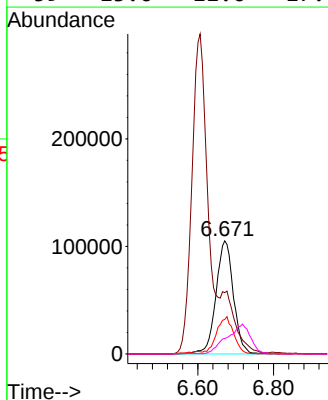
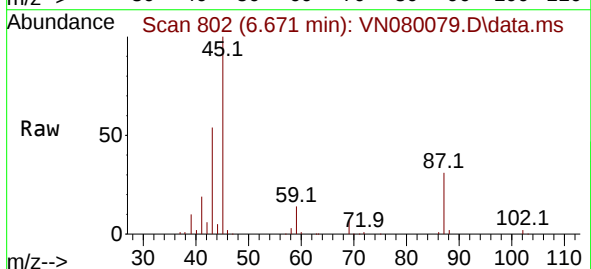
11/15/2023
Supervised By :Mahesh
Dadoda

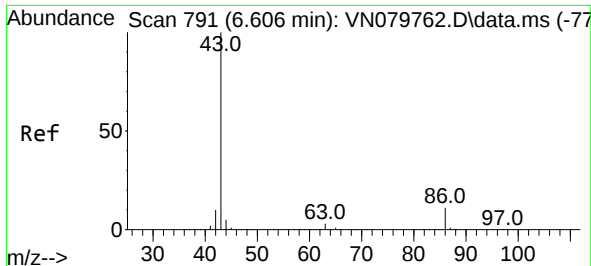
11/15/2023



#22
Diisopropyl ether
Concen: 44.025 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion: 45 Resp: 337971
Ion Ratio Lower Upper
45 100
43 52.8 45.5 68.3
87 30.5 31.8 47.8
59 13.6 11.6 17.4





#23
 Vinyl Acetate
 Concen: 206.166 ug/l
 RT: 6.606 min Scan# 791
 Delta R.T. 0.000 min
 Lab File: VN080079.D
 Acq: 14 Nov 2023 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

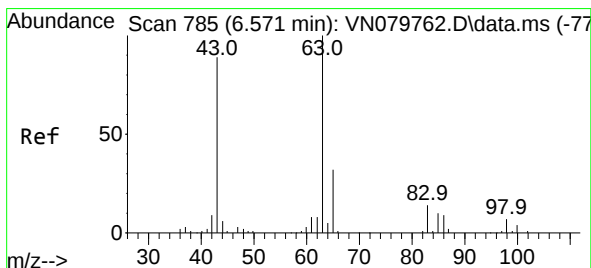
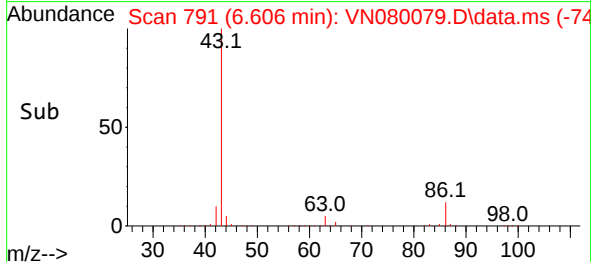
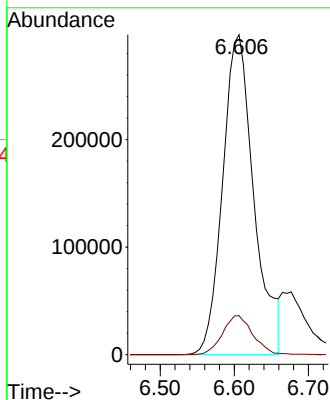
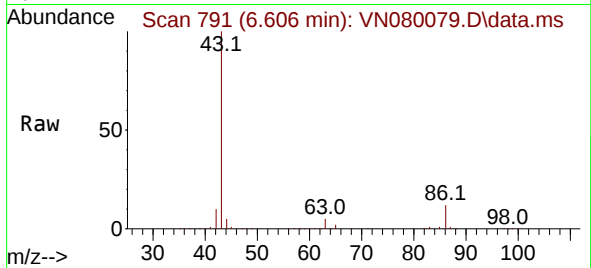
Tgt Ion: 43 Resp: 873019
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6

Manual Integrations
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Reviewed By :John
 Carlone

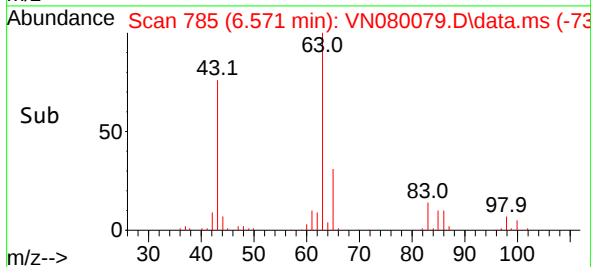
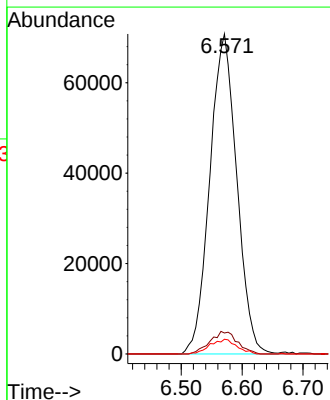
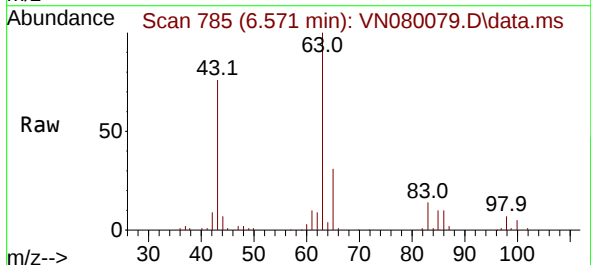
11/15/2023
 Supervised By :Mahesh
 Dadoda

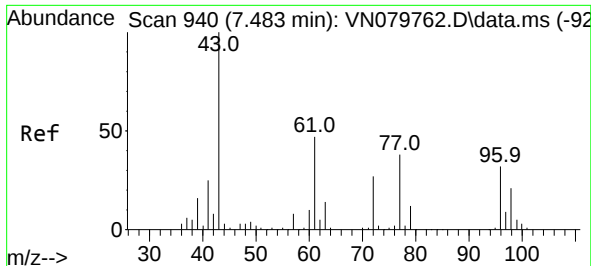
11/15/2023



#24
 1,1-Dichloroethane
 Concen: 46.654 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.000 min
 Lab File: VN080079.D
 Acq: 14 Nov 2023 10:54

Tgt Ion: 63 Resp: 217689
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.9 11.7
 100 4.6 2.5 7.4





#25

2-Butanone

Concen: 200.731 ug/l

RT: 7.483 min Scan# 940

Delta R.T. -0.006 min

Lab File: VN080079.D

Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 316080

Ion Ratio Lower Upper

43 100

72 32.5 30.2 45.2

Manual Integrations

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Reviewed By :John

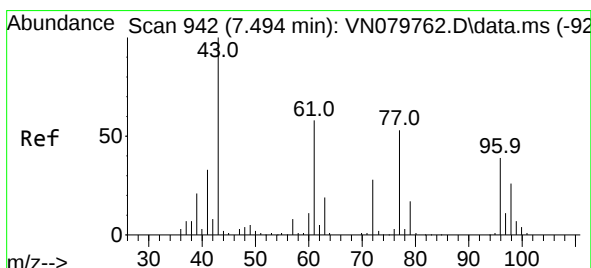
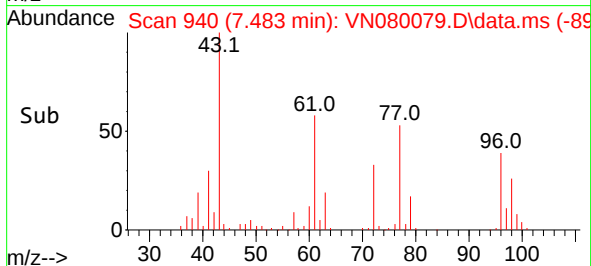
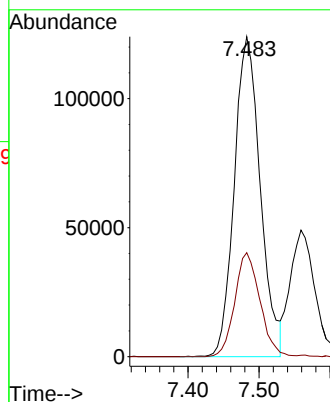
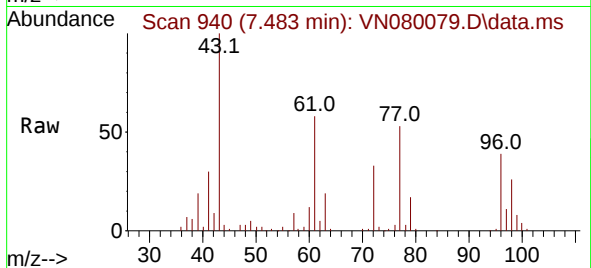
Carlone

11/15/2023

Supervised By :Mahesh

Dadoda

11/15/2023



#26

2,2-Dichloropropane

Concen: 54.055 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN080079.D

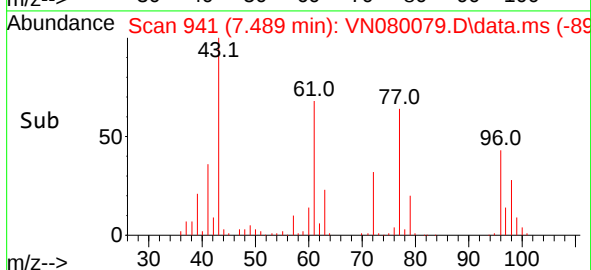
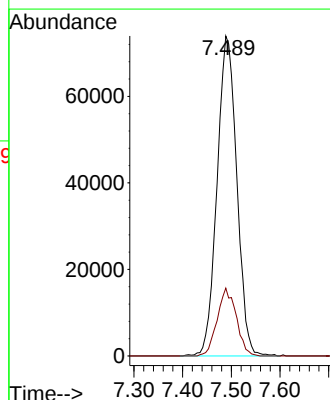
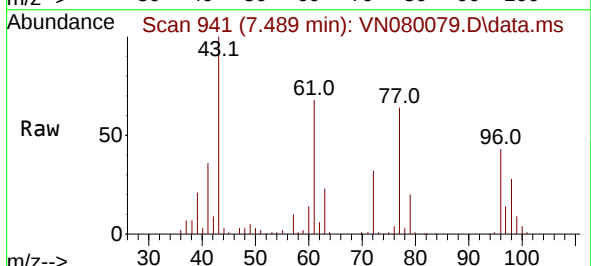
Acq: 14 Nov 2023 10:54

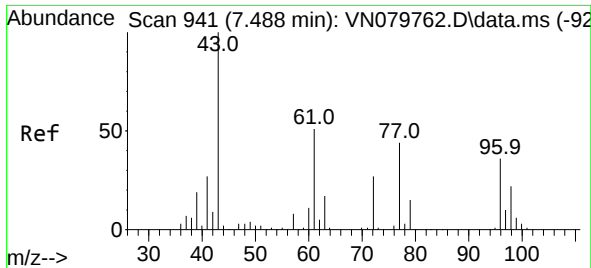
Tgt Ion: 77 Resp: 208595

Ion Ratio Lower Upper

77 100

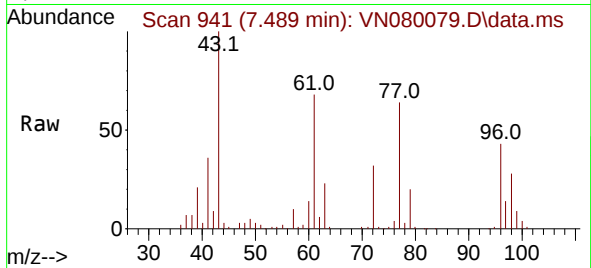
97 20.5 11.2 33.6





#27
 cis-1,2-Dichloroethene
 Concen: 44.728 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.000 min
 Lab File: VN080079.D
 Acq: 14 Nov 2023 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050



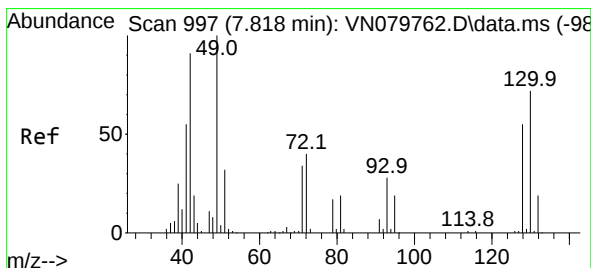
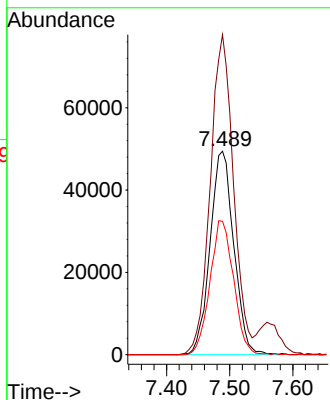
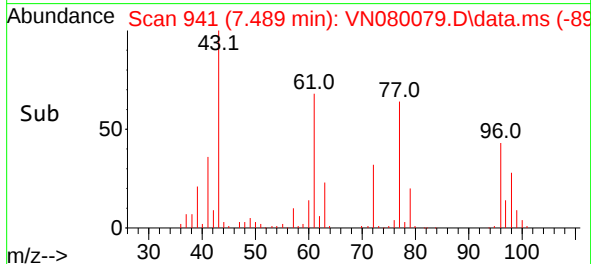
Tgt Ion: 96 Resp: 129060
 Ion Ratio Lower Upper
 96 100
 61 153.6 0.0 255.2
 98 65.4 0.0 128.8

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

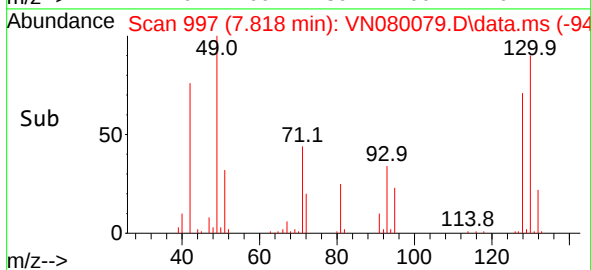
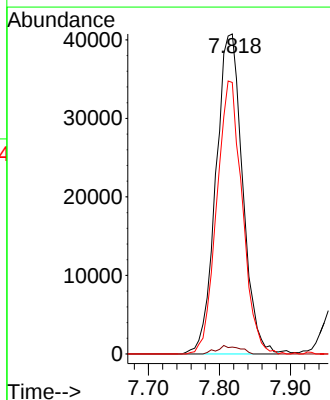
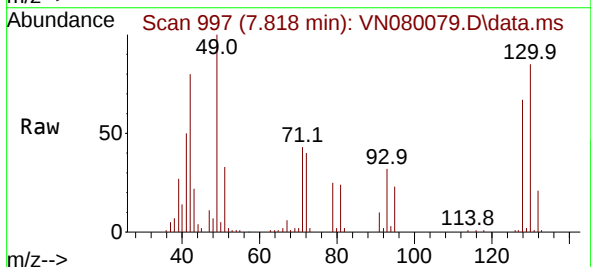
11/15/2023
 Supervised By :Mahesh
 Dadoda

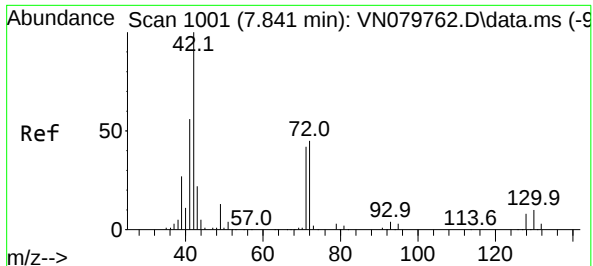
11/15/2023



#28
 Bromochloromethane
 Concen: 46.685 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.006 min
 Lab File: VN080079.D
 Acq: 14 Nov 2023 10:54

Tgt Ion: 49 Resp: 106158
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 81.6 75.3 112.9





#29

Tetrahydrofuran

Concen: 182.864 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.006 min

Lab File: VN080079.D

Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 42 Resp: 18734

Ion Ratio Lower Upper

42 100

72 52.2 49.8 74.6

71 48.9 47.4 71.2

Manual Integrations

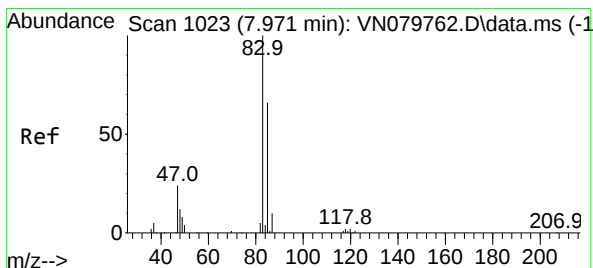
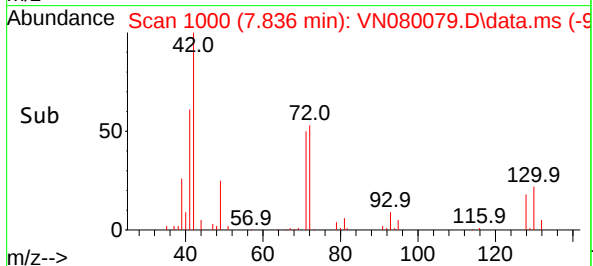
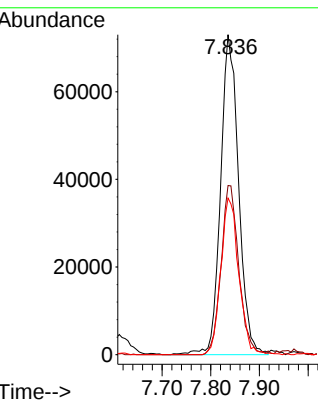
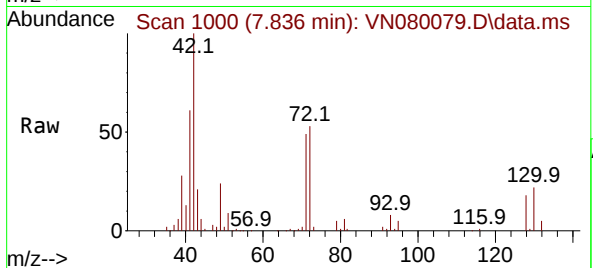
APPROVED

Reviewed By :John
Carlone

11/15/2023

Supervised By :Mahesh
Dadoda

11/15/2023



#30

Chloroform

Concen: 49.038 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.006 min

Lab File: VN080079.D

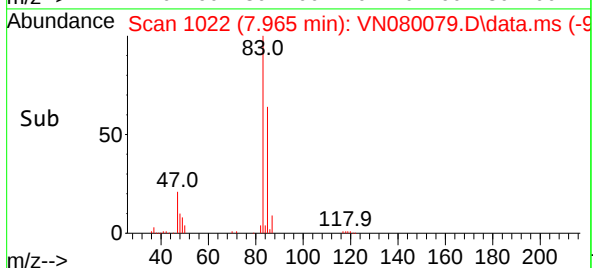
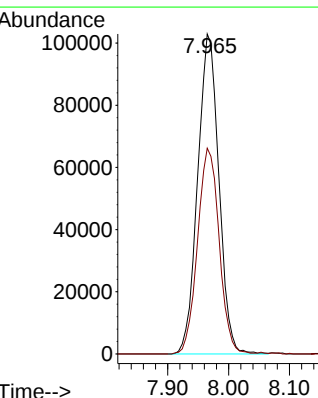
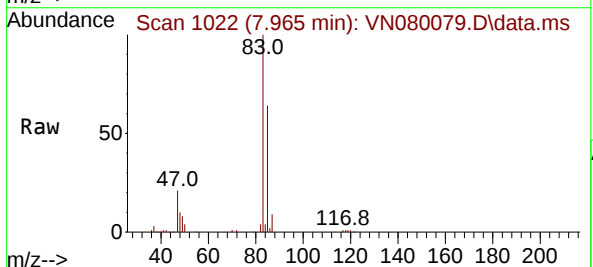
Acq: 14 Nov 2023 10:54

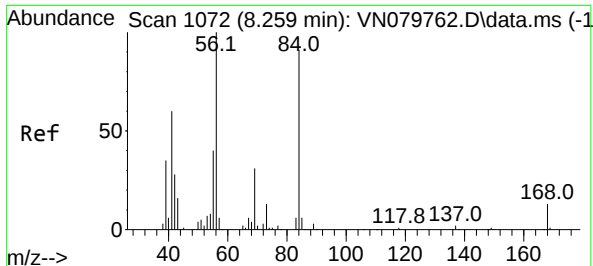
Tgt Ion: 83 Resp: 248546

Ion Ratio Lower Upper

83 100

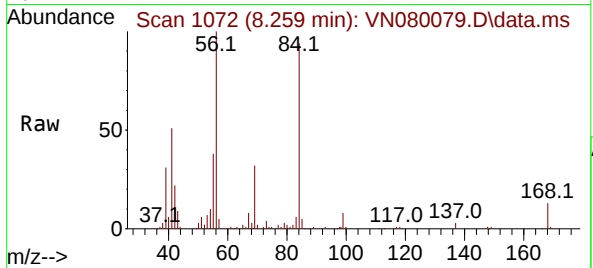
85 64.3 55.4 83.0





#31
Cyclohexane
Concen: 37.012 ug/l
RT: 8.259 min Scan# 1072
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



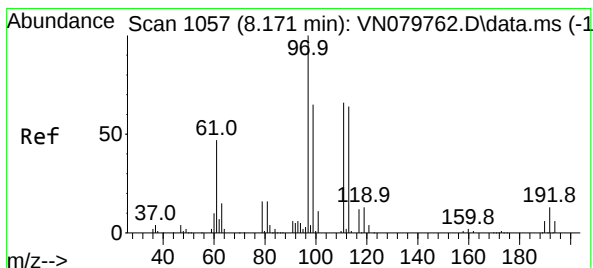
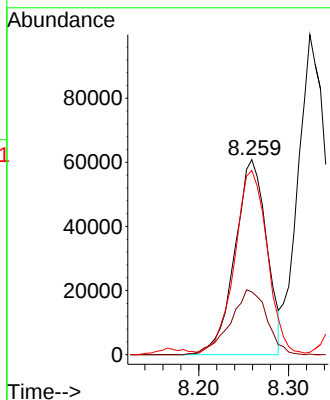
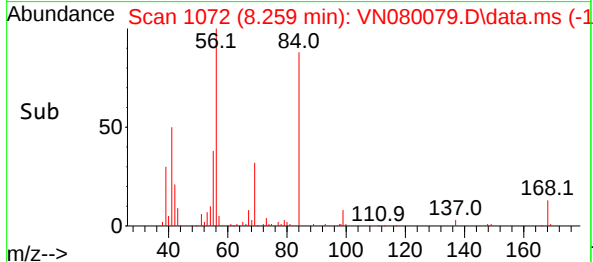
Tgt Ion: 56 Resp: 14972
Ion Ratio Lower Upper
56 100
69 32.2 26.8 40.2
84 92.4 81.8 122.6

Manual Integrations
APPROVED

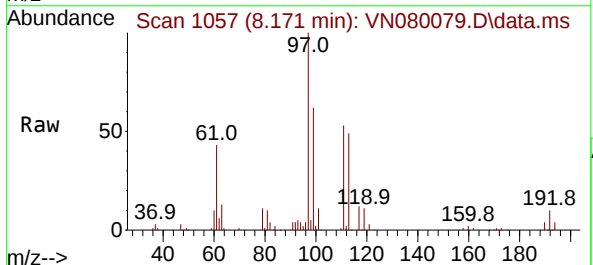
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

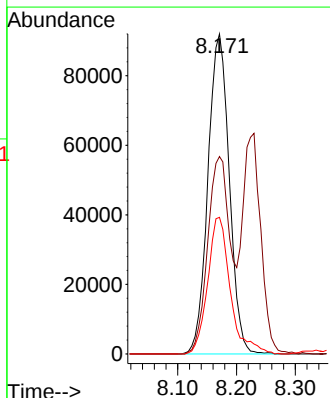
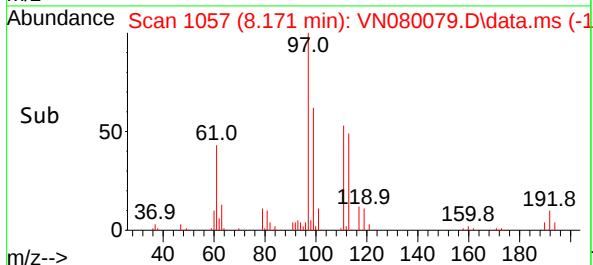
11/15/2023

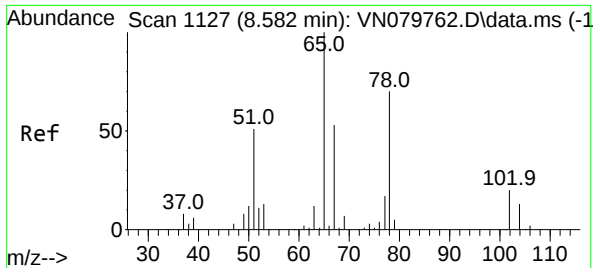


#32
1,1,1-Trichloroethane
Concen: 56.117 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



Tgt Ion: 97 Resp: 231750
Ion Ratio Lower Upper
97 100
99 65.6 50.3 75.5
61 45.3 34.7 52.1





#33
1,2-Dichloroethane-d4
Concen: 50.088 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

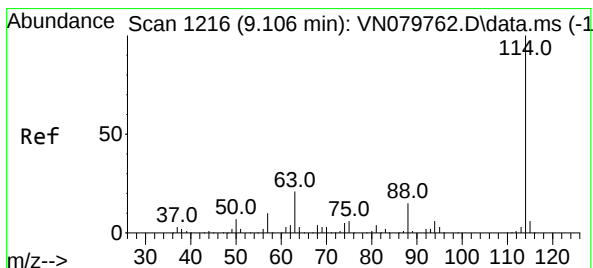
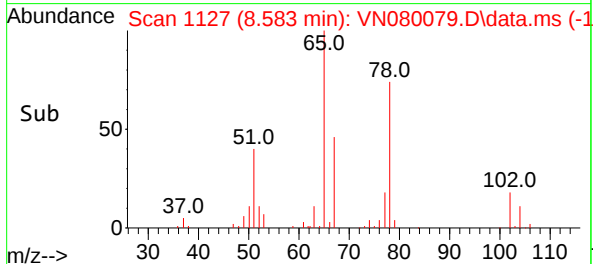
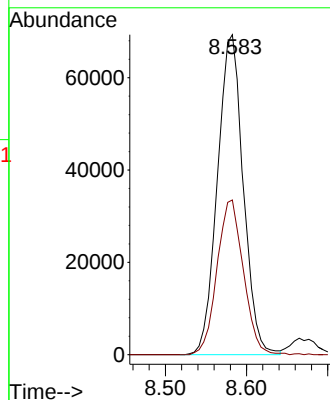
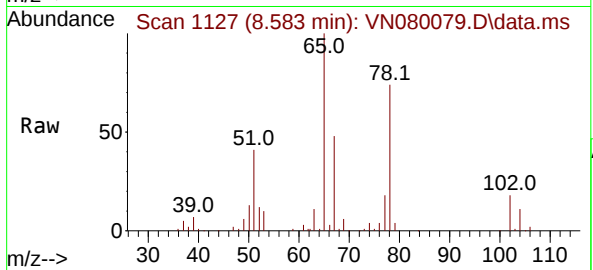
Tgt Ion: 65 Resp: 153334
Ion Ratio Lower Upper
65 100
67 49.3 0.0 106.6

Manual Integrations
APPROVED

Reviewed By :John
Carlone

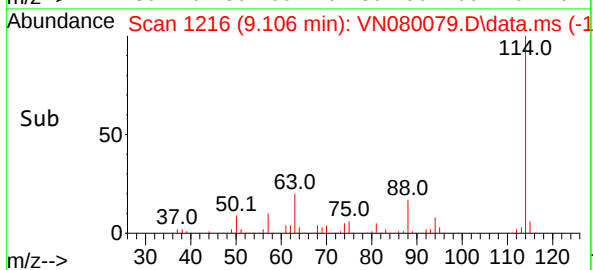
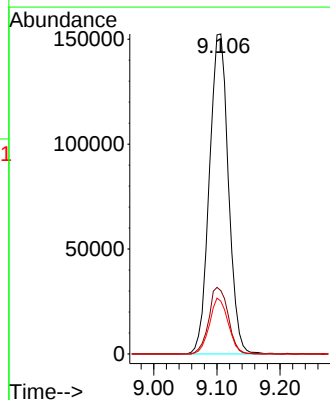
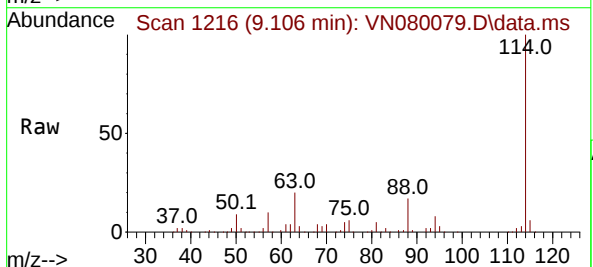
11/15/2023
Supervised By :Mahesh
Dadoda

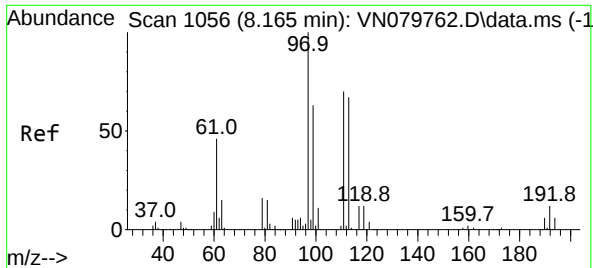
11/15/2023



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

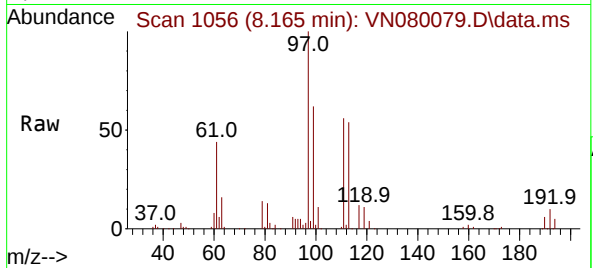
Tgt Ion:114 Resp: 318754
Ion Ratio Lower Upper
114 100
63 19.8 0.0 36.4
88 16.5 0.0 30.6





#35
Dibromofluoromethane
Concen: 50.143 ug/l
RT: 8.165 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



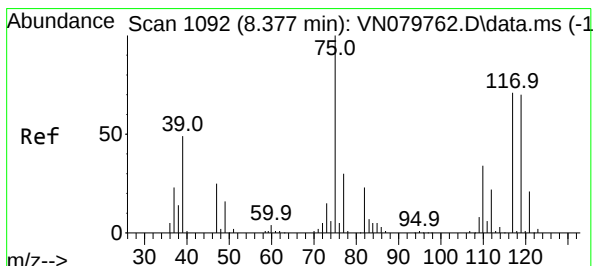
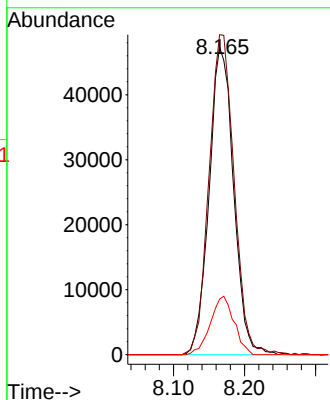
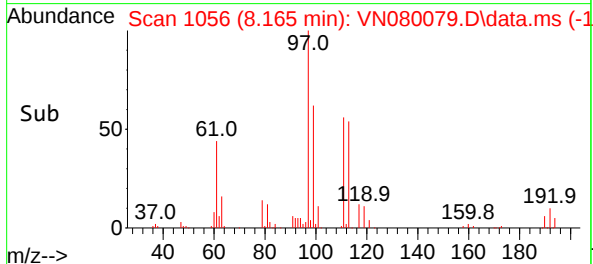
Tgt Ion:113 Resp: 113124
Ion Ratio Lower Upper
113 100
111 106.8 82.6 123.8
192 18.4 12.7 19.1

Manual Integrations
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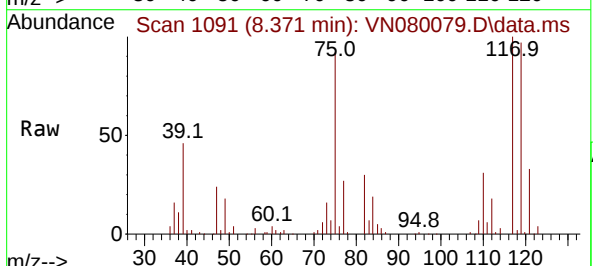
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

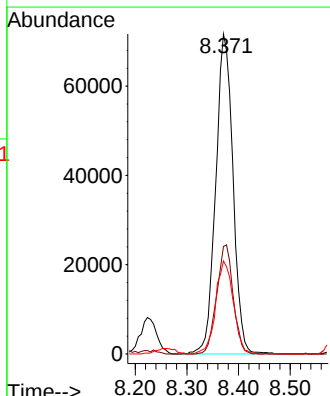
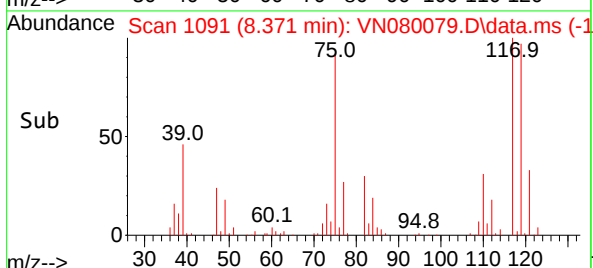
11/15/2023

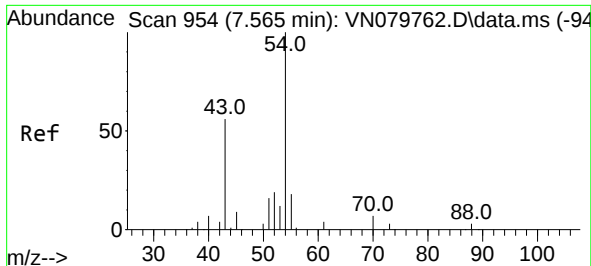


#36
1,1-Dichloropropene
Concen: 51.642 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



Tgt Ion: 75 Resp: 166349
Ion Ratio Lower Upper
75 100
110 32.5 19.1 57.3
77 29.8 25.0 37.4





#37

Ethyl Acetate

Concen: 41.164 ug/l

RT: 7.559 min Scan# 91

Delta R.T. -0.006 min

Lab File: VN080079.D

Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 121609

Ion	Ratio	Lower	Upper
43	100		
61	15.7	13.2	19.8
70	13.2	11.3	16.9

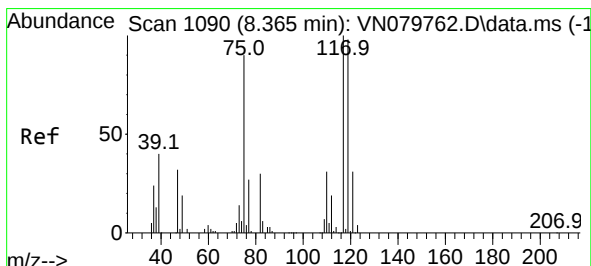
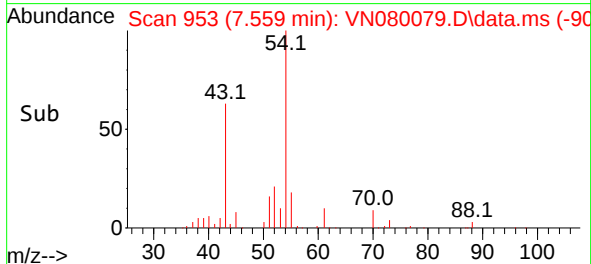
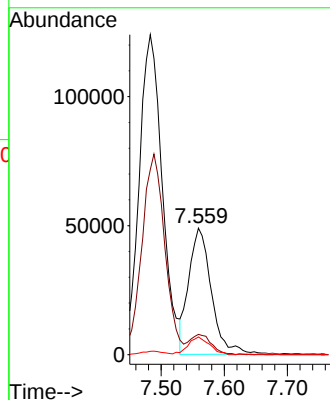
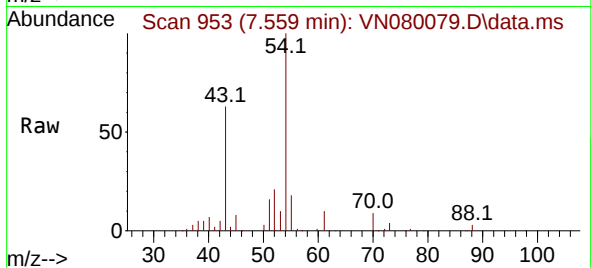
Manual Integrations
APPROVED

Reviewed By :John
Carlone

11/15/2023

Supervised By :Mahesh
Dadoda

11/15/2023



#38

Carbon Tetrachloride

Concen: 63.593 ug/l

RT: 8.359 min Scan# 1089

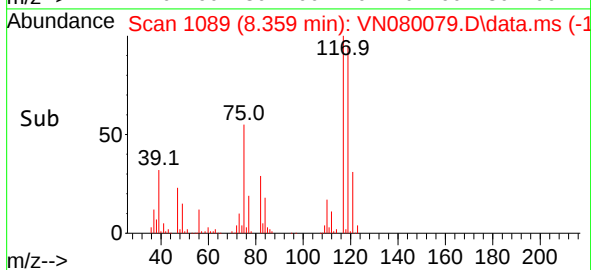
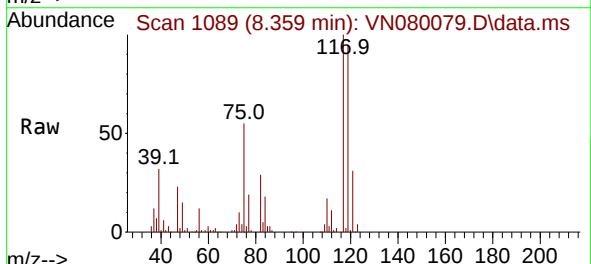
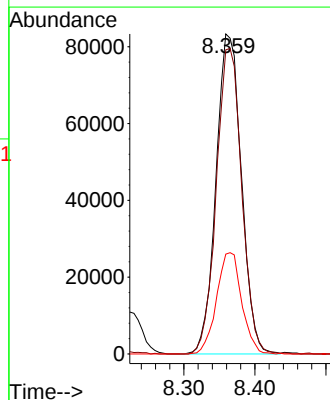
Delta R.T. 0.000 min

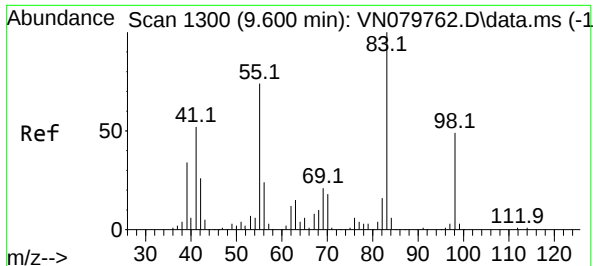
Lab File: VN080079.D

Acq: 14 Nov 2023 10:54

Tgt Ion:117 Resp: 206446

Ion	Ratio	Lower	Upper
117	100		
119	95.1	77.3	115.9
121	31.2	23.3	34.9





#39

Methylcyclohexane

Concen: 47.780 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN080079.D

Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 144844
 Ion Ratio Lower Upper
 83 100
 55 81.4 49.1 73.7
 98 49.3 40.6 61.0

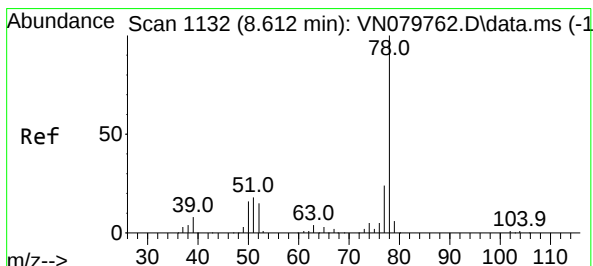
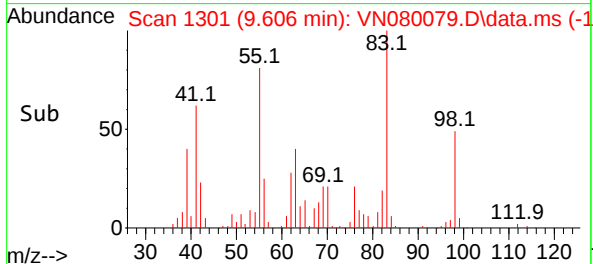
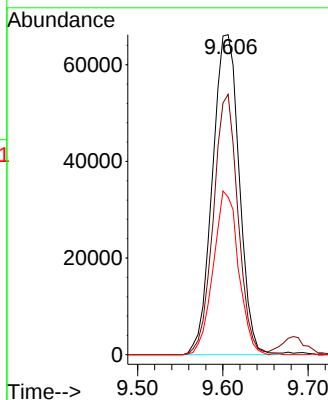
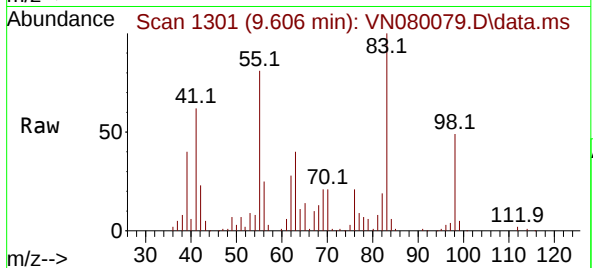
Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

11/15/2023

Supervised By :Mahesh
 Dadoda

11/15/2023



#40

Benzene

Concen: 49.148 ug/l

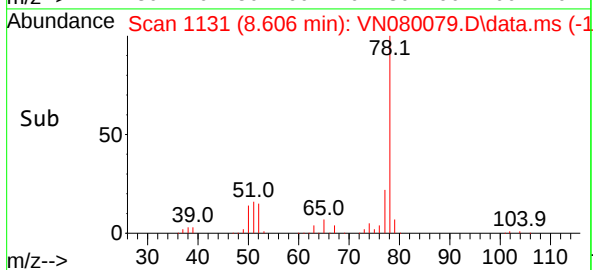
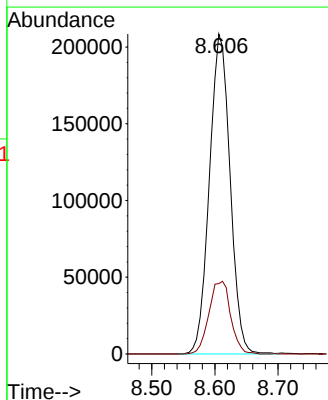
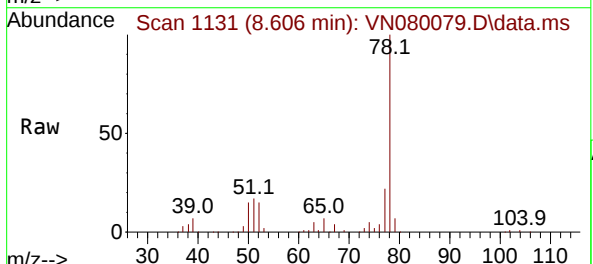
RT: 8.606 min Scan# 1131

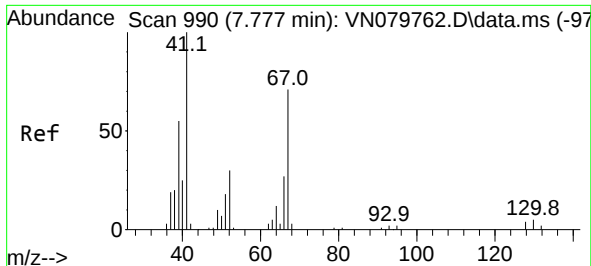
Delta R.T. -0.006 min

Lab File: VN080079.D

Acq: 14 Nov 2023 10:54

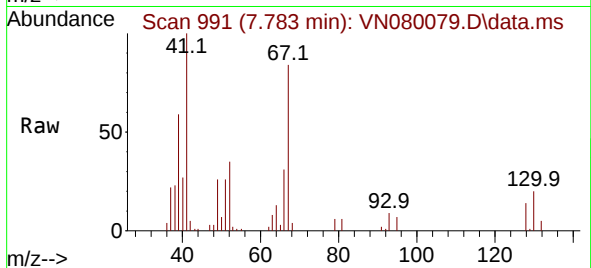
Tgt Ion: 78 Resp: 474180
 Ion Ratio Lower Upper
 78 100
 77 22.0 19.0 28.6





#41
Methacrylonitrile
Concen: 41.774 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



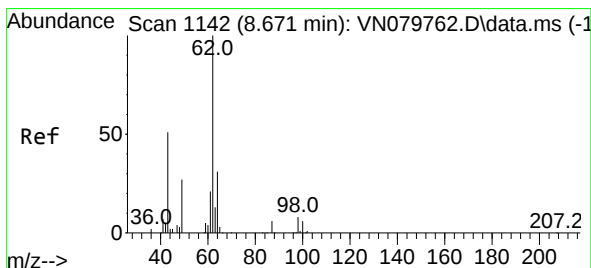
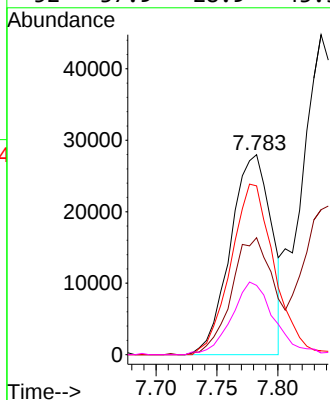
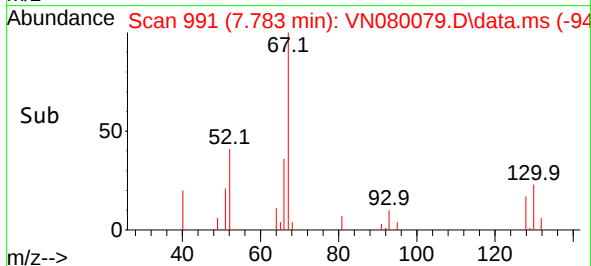
Tgt Ion: 41 Resp: 65534
Ion Ratio Lower Upper
41 100
39 60.6 42.6 64.0
67 91.4 77.5 116.3
52 37.9 28.9 43.3

Manual Integrations
APPROVED

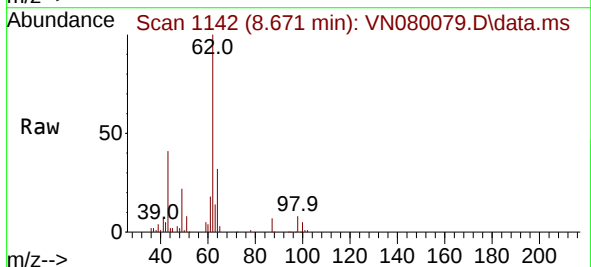
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

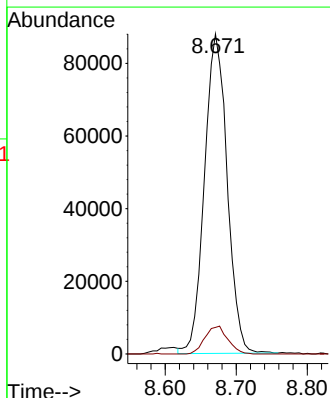
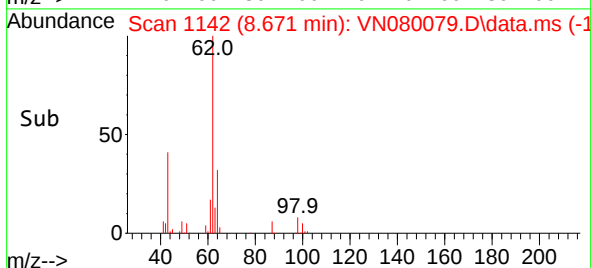
11/15/2023

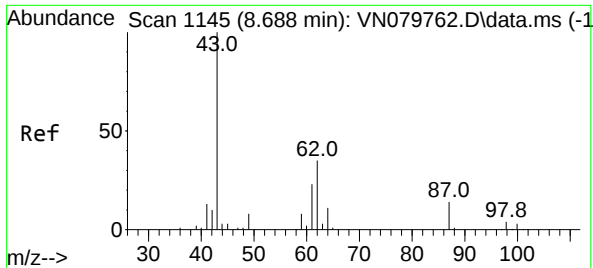


#42
1,2-Dichloroethane
Concen: 58.014 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



Tgt Ion: 62 Resp: 195512
Ion Ratio Lower Upper
62 100
98 8.7 0.0 19.8





#43
Isopropyl Acetate
Concen: 41.203 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

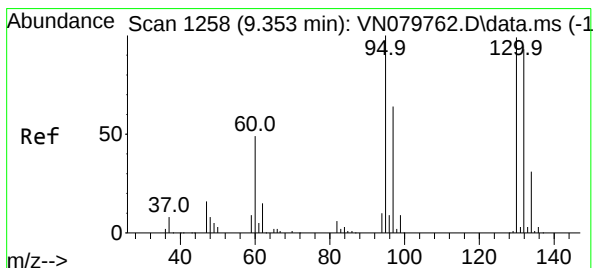
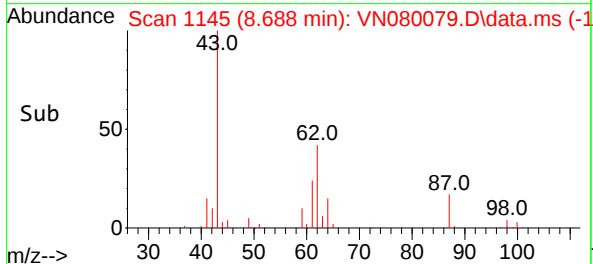
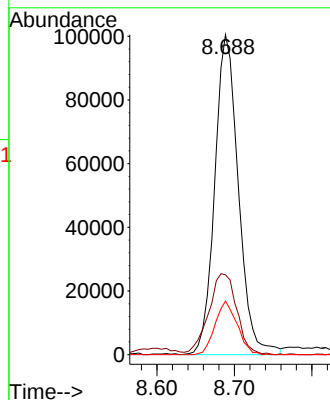
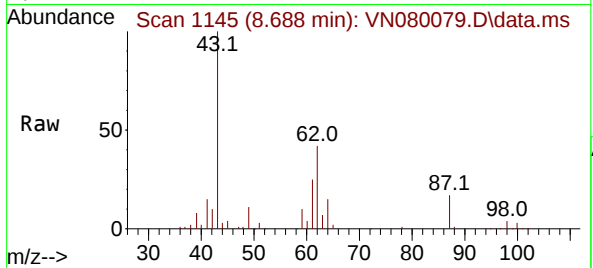
Tgt Ion: 43 Resp: 21346
Ion Ratio Lower Upper
43 100
61 30.0 24.7 37.1
87 15.6 14.6 21.8

Manual Integrations
APPROVED

Reviewed By :John
Carlone

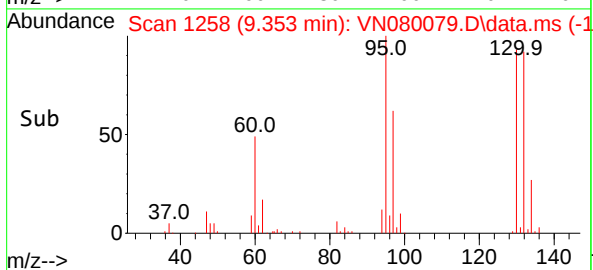
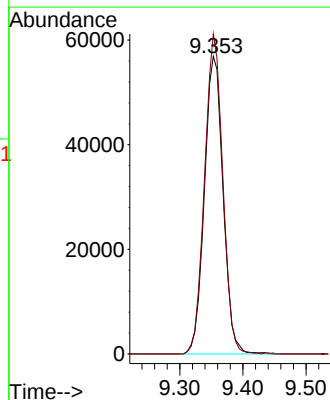
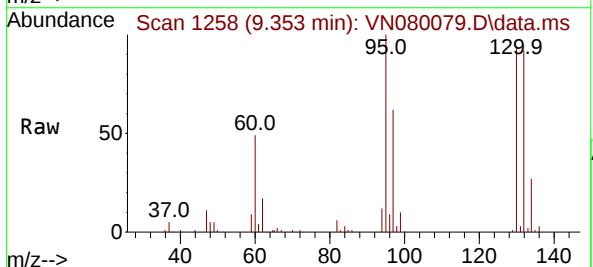
11/15/2023
Supervised By :Mahesh
Dadoda

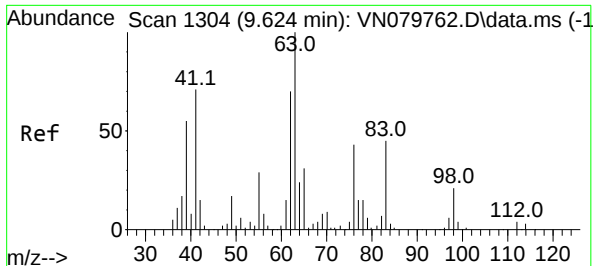
11/15/2023



#44
Trichloroethene
Concen: 48.844 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion:130 Resp: 116937
Ion Ratio Lower Upper
130 100
95 107.5 0.0 204.6





#45
1,2-Dichloropropane
Concen: 48.864 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

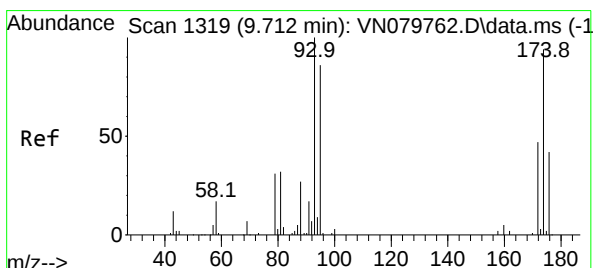
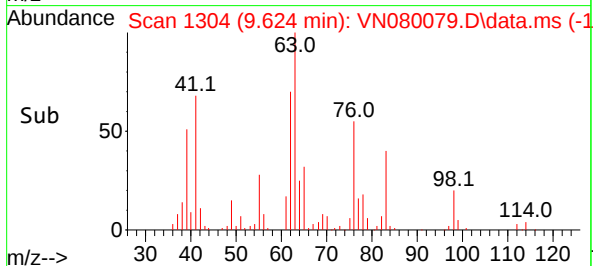
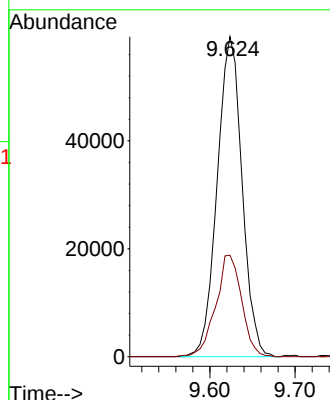
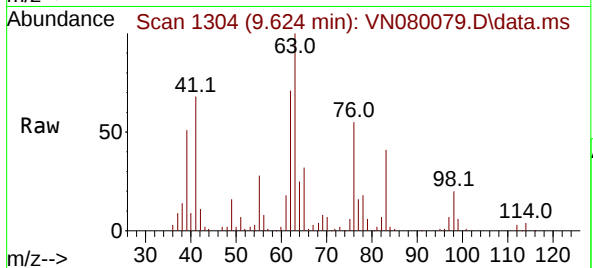
Tgt Ion: 63 Resp: 120478
Ion Ratio Lower Upper
63 100
65 31.7 23.9 35.9

Manual Integrations
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Reviewed By :John
Carlone

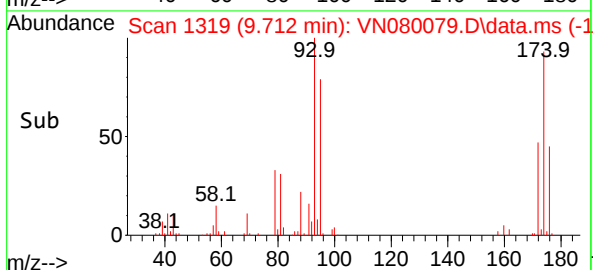
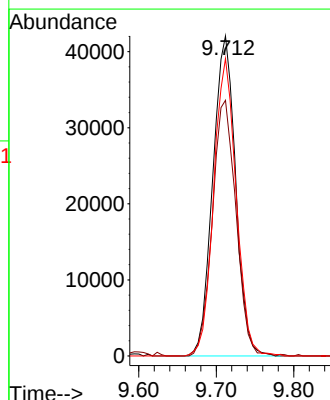
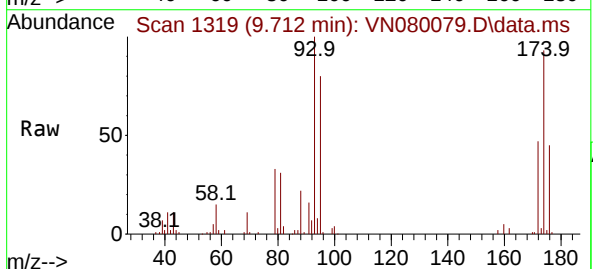
11/15/2023
Supervised By :Mahesh
Dadoda

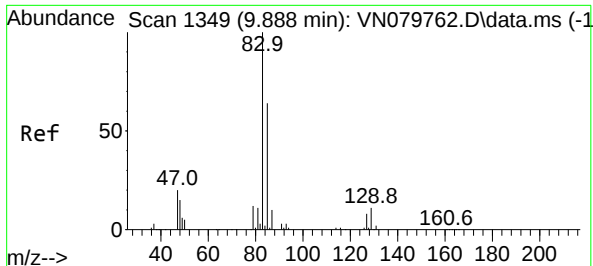
11/15/2023



#46
Dibromomethane
Concen: 51.102 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

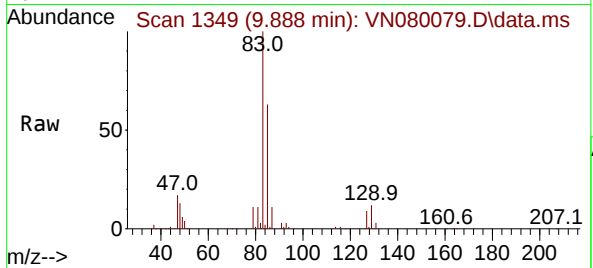
Tgt Ion: 93 Resp: 86033
Ion Ratio Lower Upper
93 100
95 82.4 63.8 95.8
174 92.0 65.6 98.4





#47
Bromodichloromethane
Concen: 55.165 ug/l
RT: 9.888 min Scan# 1349
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



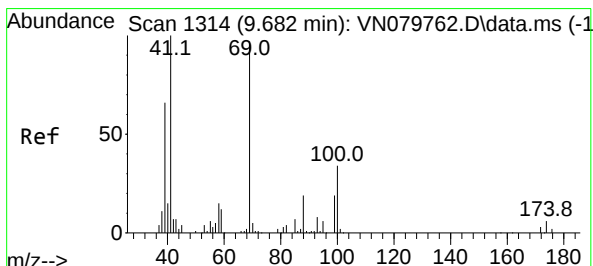
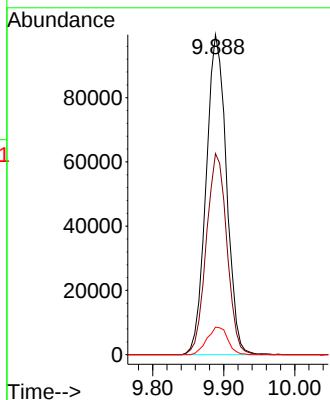
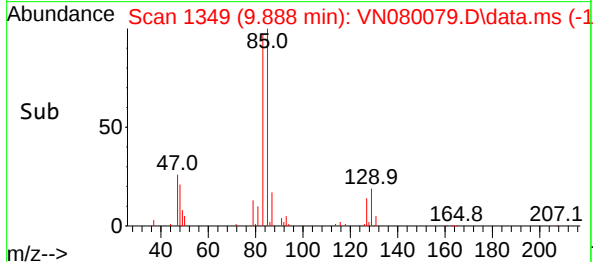
Tgt Ion: 83 Resp: 198069
Ion Ratio Lower Upper
83 100
85 62.9 49.6 74.4
127 8.6 7.0 10.6

Manual Integrations
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Reviewed By :John
Carlone

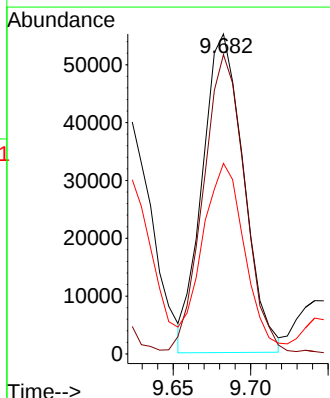
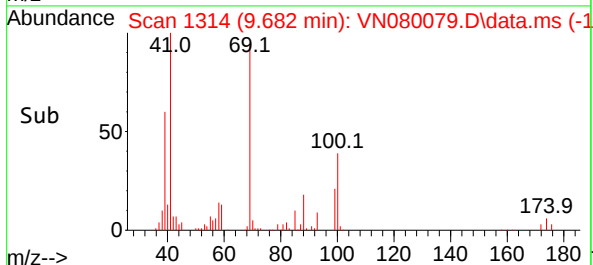
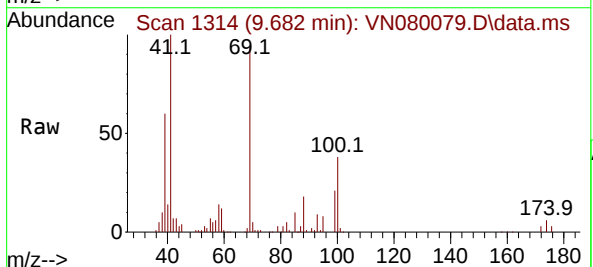
11/15/2023
Supervised By :Mahesh
Dadoda

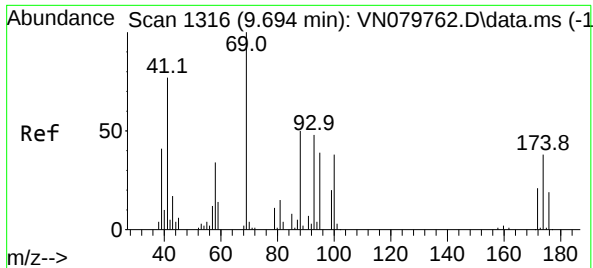
11/15/2023



#48
Methyl methacrylate
Concen: 45.055 ug/l
RT: 9.682 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

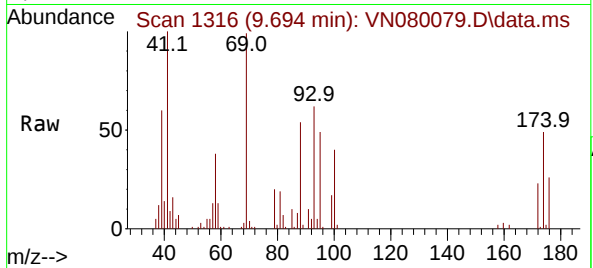
Tgt Ion: 41 Resp: 102242
Ion Ratio Lower Upper
41 100
69 95.8 90.4 135.6
39 61.9 54.6 81.8





#49
1,4-Dioxane
Concen: 925.414 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



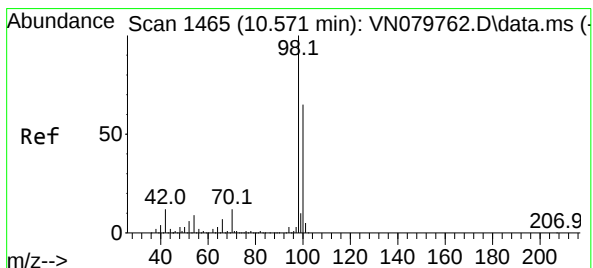
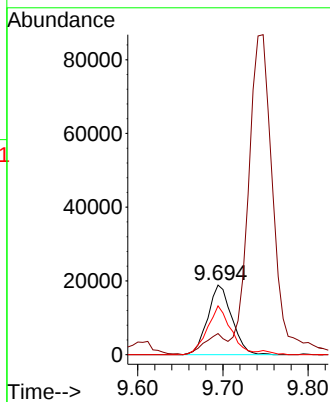
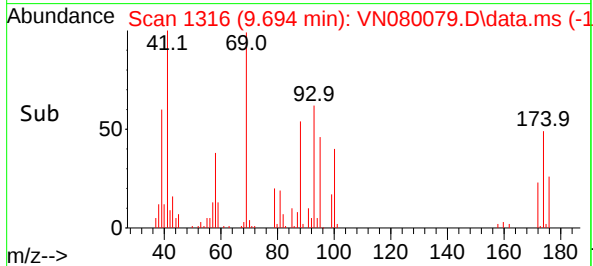
Tgt Ion: 88 Resp: 3710
Ion Ratio Lower Upper
88 100
43 27.0 17.0 25.6
58 68.5 47.0 70.4

Manual Integrations
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Reviewed By :John
Carlone

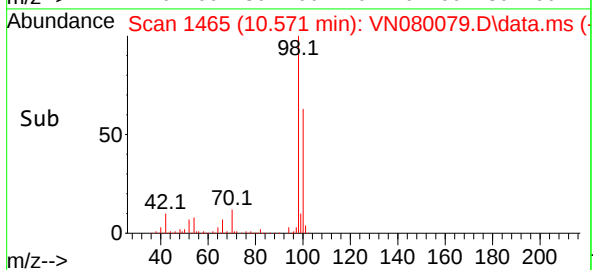
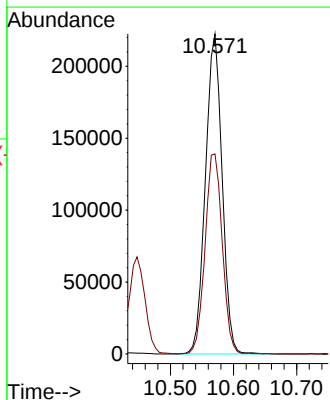
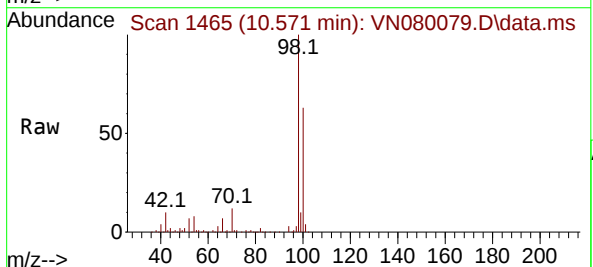
11/15/2023
Supervised By :Mahesh
Dadoda

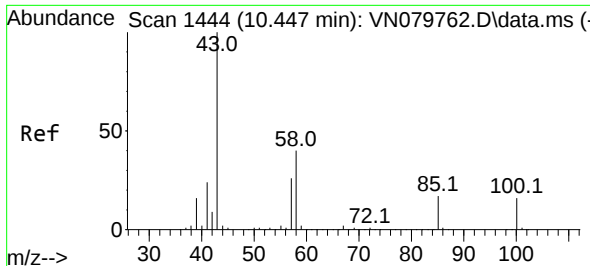
11/15/2023



#50
Toluene-d8
Concen: 49.207 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion: 98 Resp: 408671
Ion Ratio Lower Upper
98 100
100 64.5 52.0 78.0





#51
4-Methyl-2-Pentanone
Concen: 216.127 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

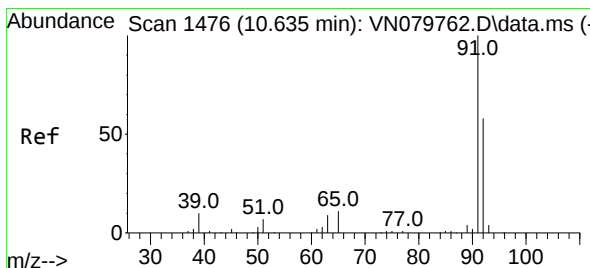
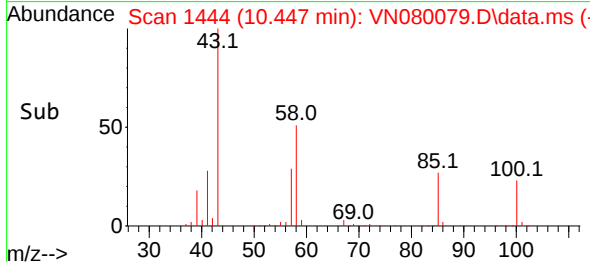
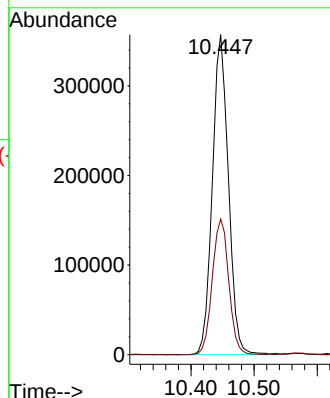
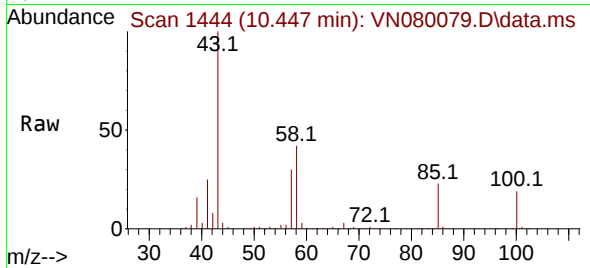
Tgt Ion: 43 Resp: 63039
Ion Ratio Lower Upper
43 100
58 43.5 36.6 54.8

Manual Integrations
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Reviewed By :John
Carlone

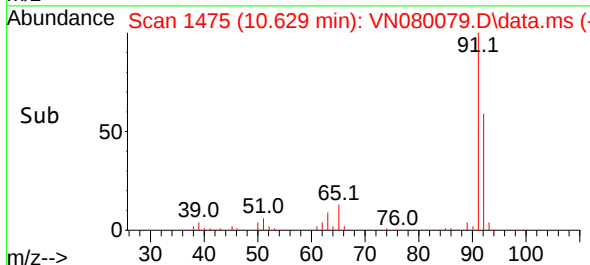
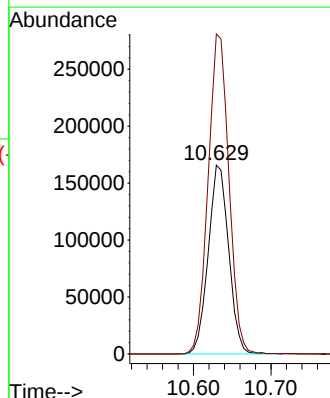
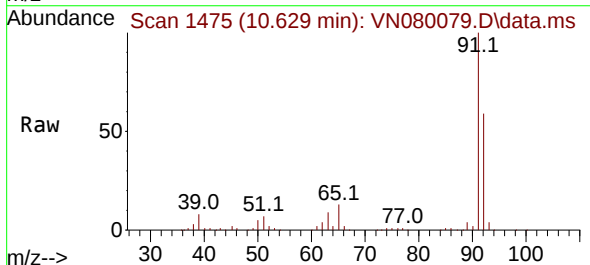
11/15/2023
Supervised By :Mahesh
Dadoda

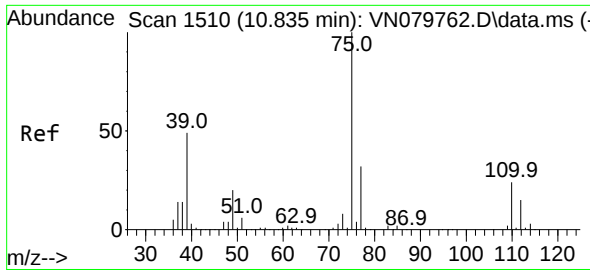
11/15/2023



#52
Toluene
Concen: 53.061 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

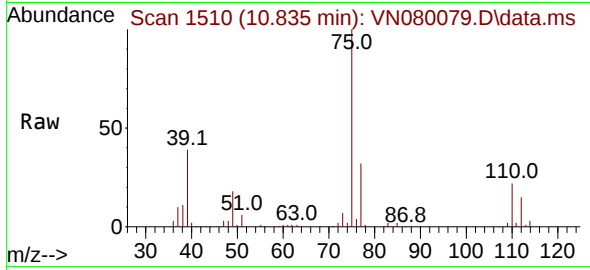
Tgt Ion: 92 Resp: 303497
Ion Ratio Lower Upper
92 100
91 172.3 137.4 206.0





#53
t-1,3-Dichloropropene
Concen: 56.356 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



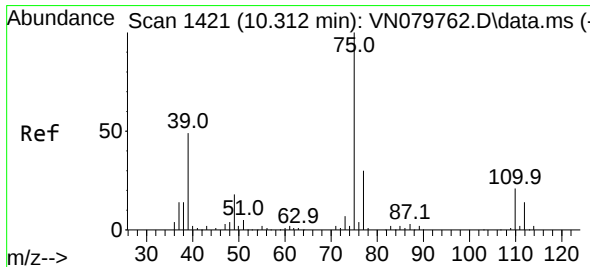
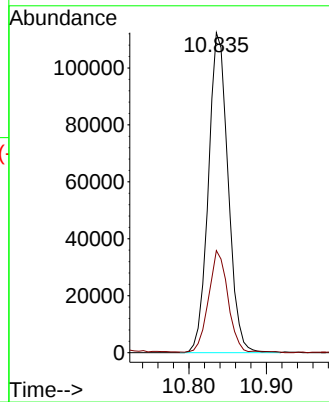
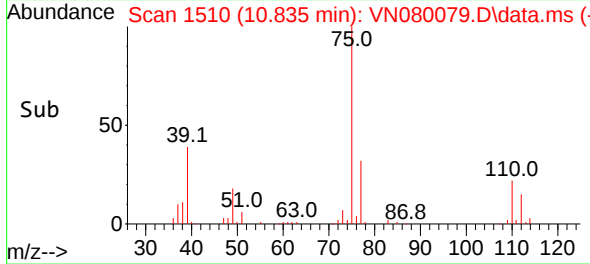
Tgt Ion: 75 Resp: 19836
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0

Manual Integrations
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Reviewed By :John
Carlone

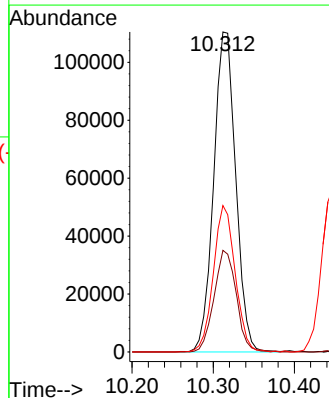
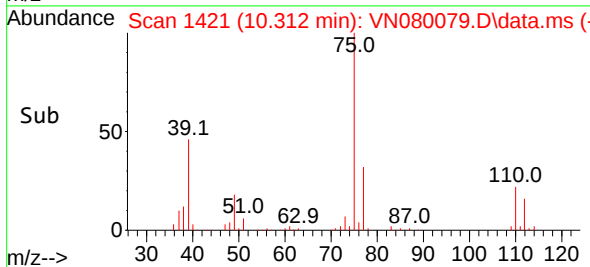
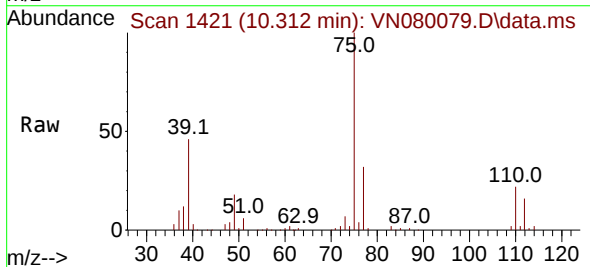
11/15/2023
Supervised By :Mahesh
Dadoda

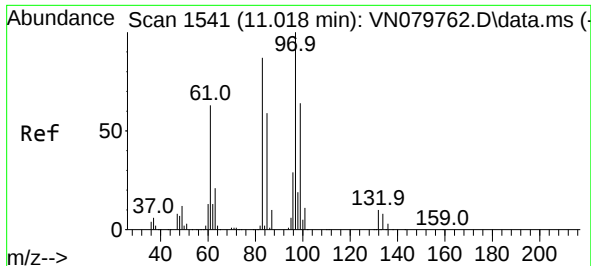
11/15/2023



#54
cis-1,3-Dichloropropene
Concen: 54.391 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

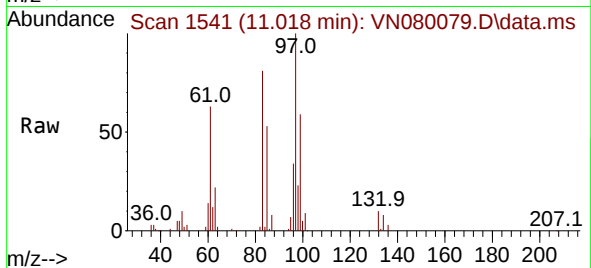
Tgt Ion: 75 Resp: 208672
Ion Ratio Lower Upper
75 100
77 31.8 26.1 39.1
39 45.7 31.6 47.4





#55
1,1,2-Trichloroethane
Concen: 53.376 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



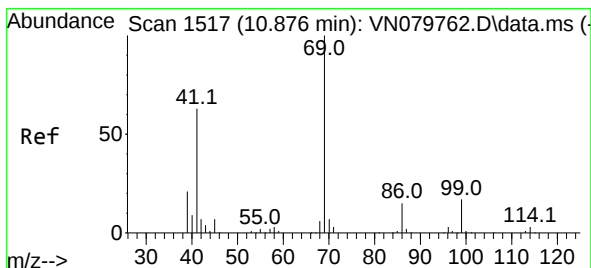
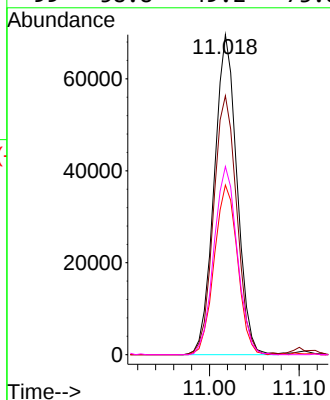
Tgt Ion: 97 Resp: 122795
Ion Ratio Lower Upper
97 100
83 80.9 65.1 97.7
85 53.0 43.4 65.2
99 58.8 49.2 73.8

Manual Integrations
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Reviewed By :John
Carlone

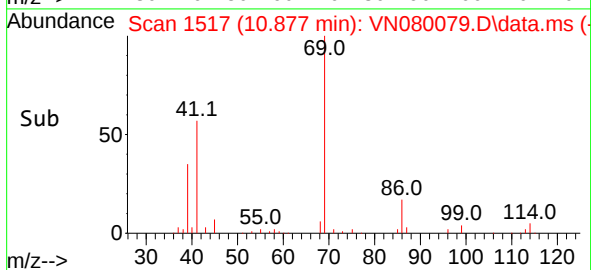
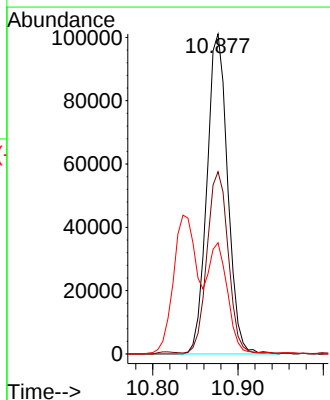
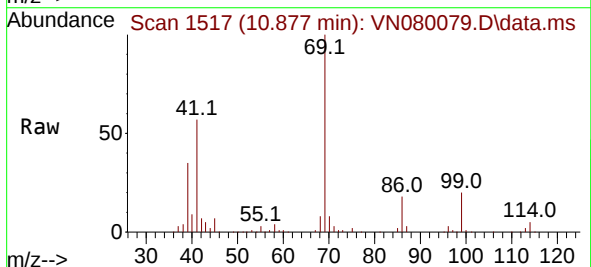
11/15/2023
Supervised By :Mahesh
Dadoda

11/15/2023



#56
Ethyl methacrylate
Concen: 51.998 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

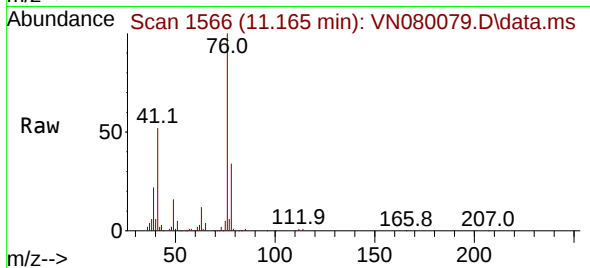
Tgt Ion: 69 Resp: 170633
Ion Ratio Lower Upper
69 100
41 58.3 39.6 59.4
39 32.1 28.6 43.0





#57
1,3-Dichloropropane
Concen: 52.028 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



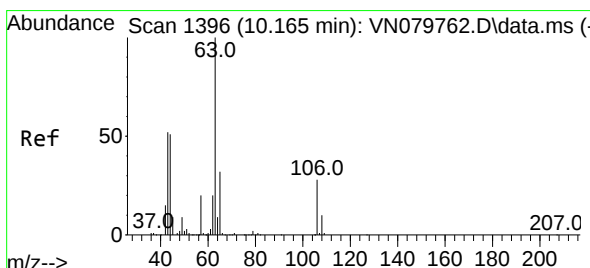
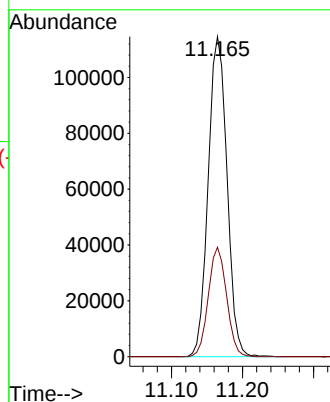
Tgt Ion: 76 Resp: 210979
Ion Ratio Lower Upper
76 100
78 33.1 26.1 39.1

Manual Integrations
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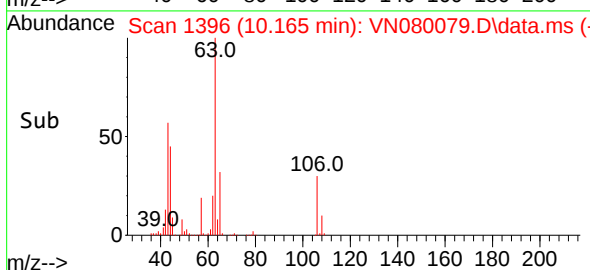
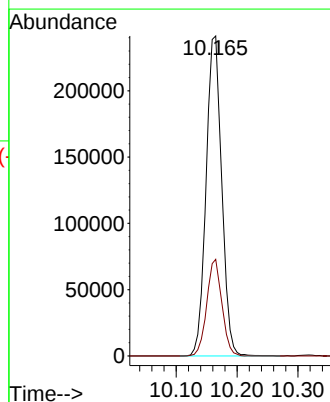
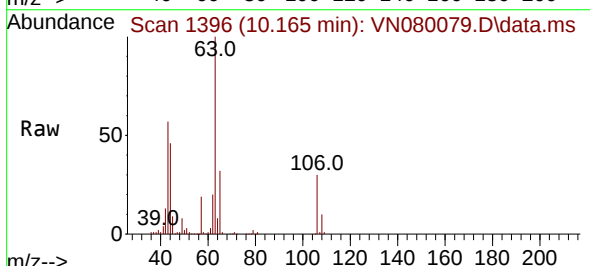
11/15/2023
Supervised By :Mahesh
Dadoda

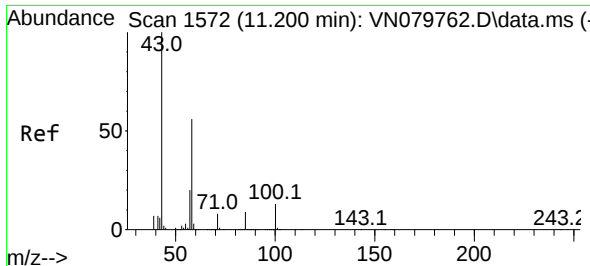
11/15/2023



#58
2-Chloroethyl Vinyl ether
Concen: 258.329 ug/l
RT: 10.165 min Scan# 1396
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

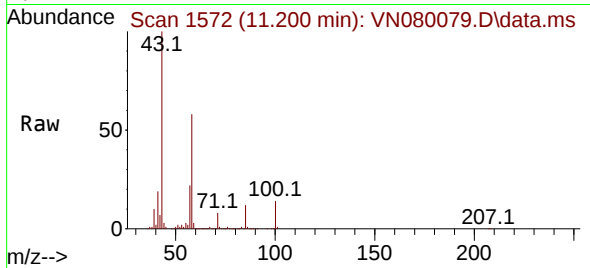
Tgt Ion: 63 Resp: 429653
Ion Ratio Lower Upper
63 100
106 29.2 26.2 39.4





#59
2-Hexanone
Concen: 215.973 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



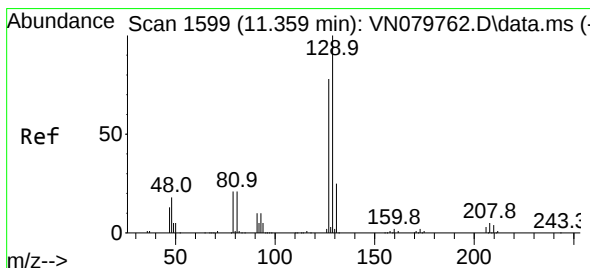
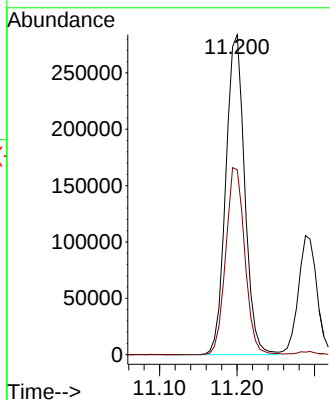
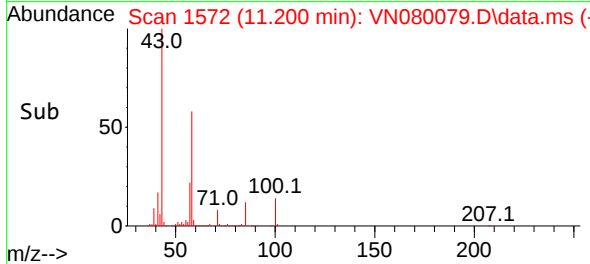
Tgt Ion: 43 Resp: 481904
Ion Ratio Lower Upper
43 100
58 59.0 31.7 95.1

Manual Integrations
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Reviewed By :John
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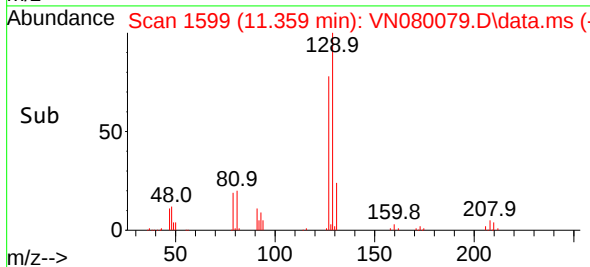
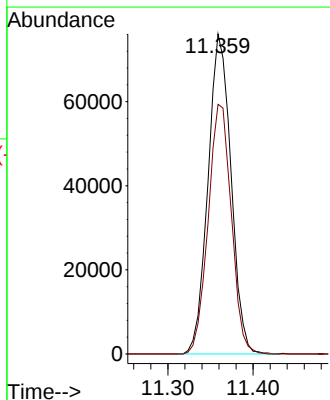
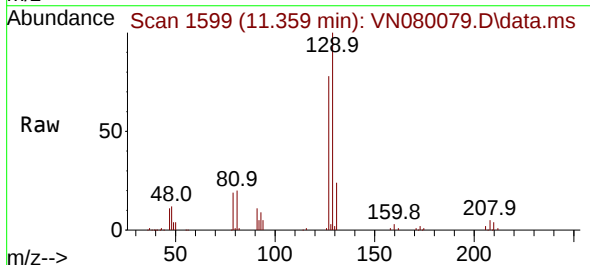
11/15/2023
Supervised By :Mahesh
Dadoda

11/15/2023



#60
Dibromochloromethane
Concen: 57.816 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

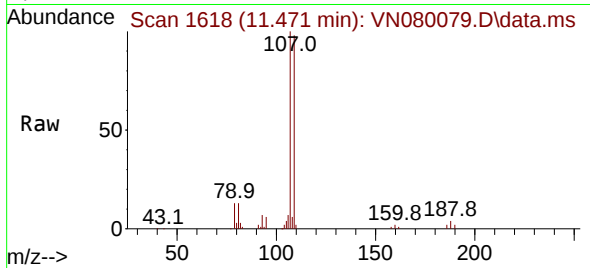
Tgt Ion:129 Resp: 142375
Ion Ratio Lower Upper
129 100
127 78.5 38.6 116.0





#61
1,2-Dibromoethane
Concen: 49.792 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



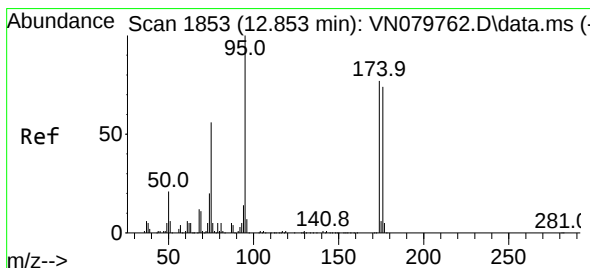
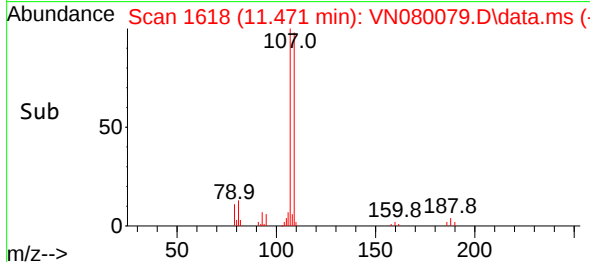
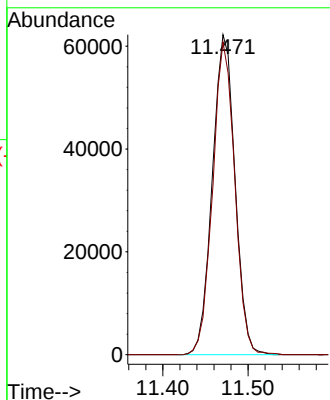
Tgt Ion:107 Resp: 114972
Ion Ratio Lower Upper
107 100
109 95.5 76.6 114.8

Manual Integrations
APPROVED

Reviewed By :John
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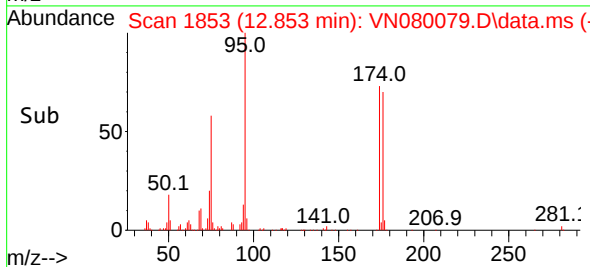
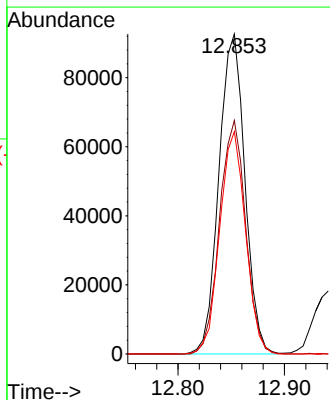
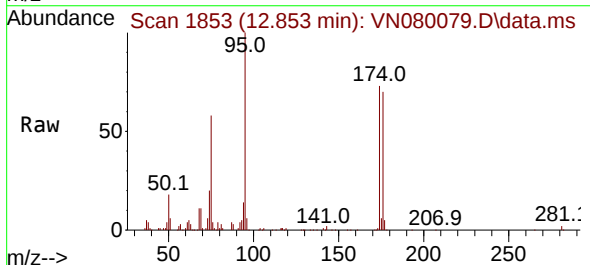
11/15/2023
Supervised By :Mahesh
Dadoda

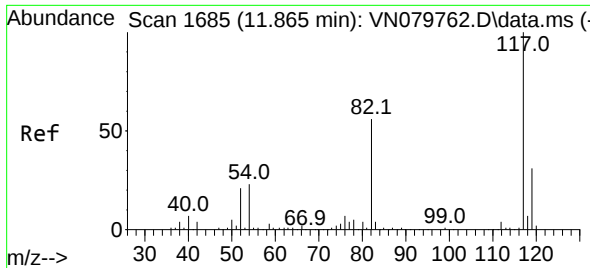
11/15/2023



#62
4-Bromofluorobenzene
Concen: 56.946 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

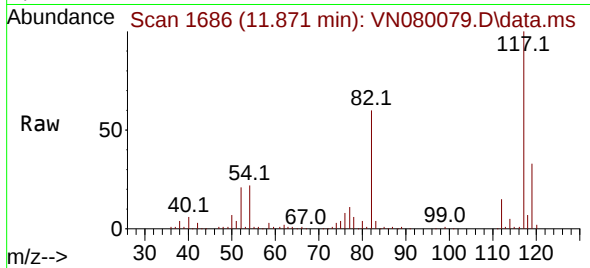
Tgt Ion: 95 Resp: 156852
Ion Ratio Lower Upper
95 100
174 73.4 0.0 143.8
176 69.1 0.0 135.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



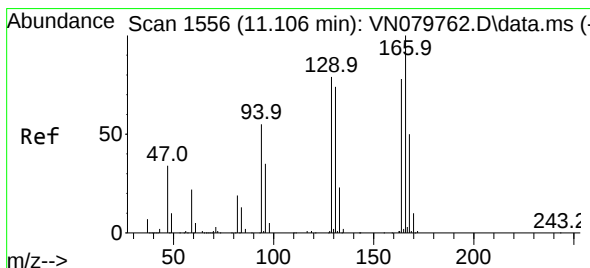
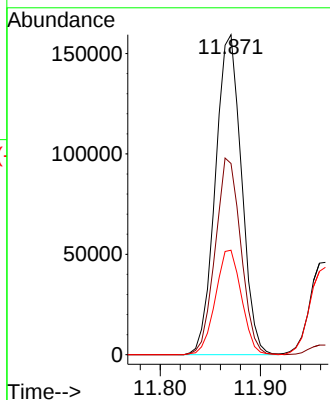
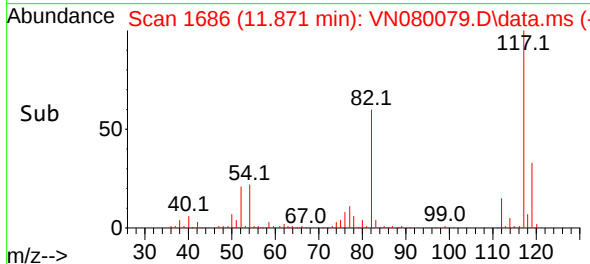
Tgt Ion:117 Resp: 288338
Ion Ratio Lower Upper
117 100
82 59.7 44.0 66.0
119 32.6 25.6 38.4

Manual Integrations
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Reviewed By :John
Carlone

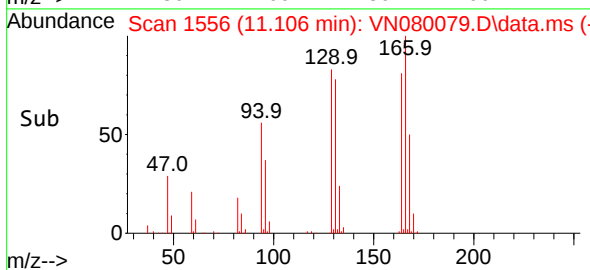
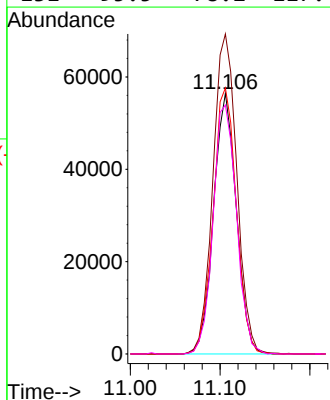
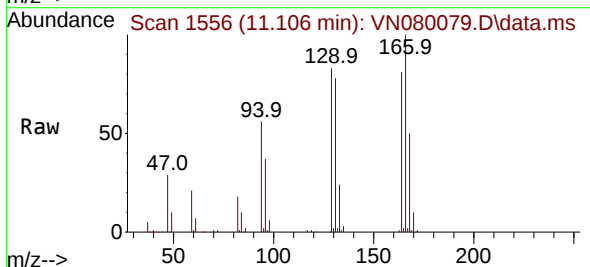
11/15/2023
Supervised By :Mahesh
Dadoda

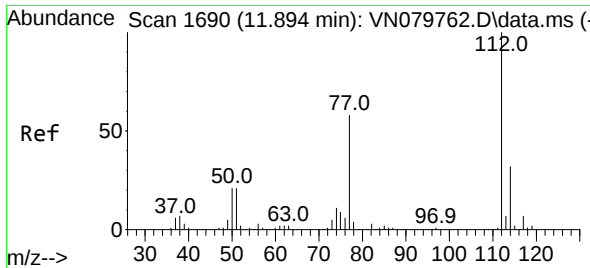
11/15/2023



#64
Tetrachloroethene
Concen: 53.201 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

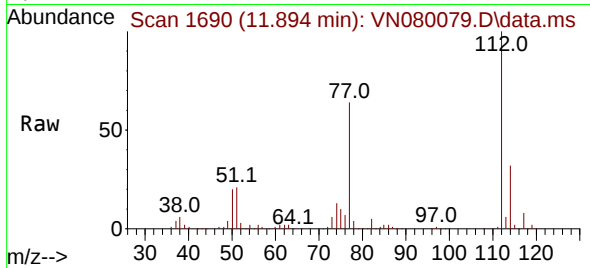
Tgt Ion:164 Resp: 99350
Ion Ratio Lower Upper
164 100
166 122.8 101.4 152.0
129 102.1 82.4 123.6
131 95.5 78.2 117.4





#65
Chlorobenzene
Concen: 50.565 ug/l
RT: 11.894 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



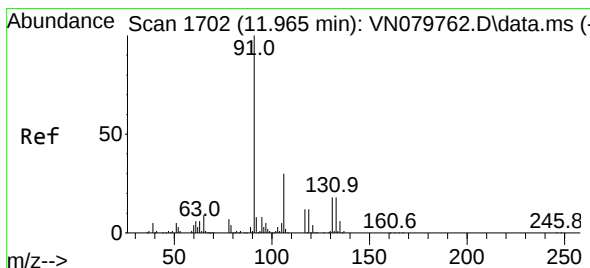
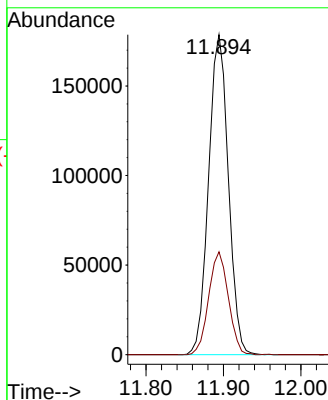
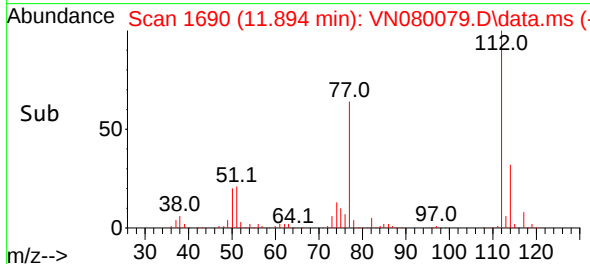
Tgt Ion:112 Resp: 316264
Ion Ratio Lower Upper
112 100
114 32.2 25.0 37.4

Manual Integrations
APPROVED

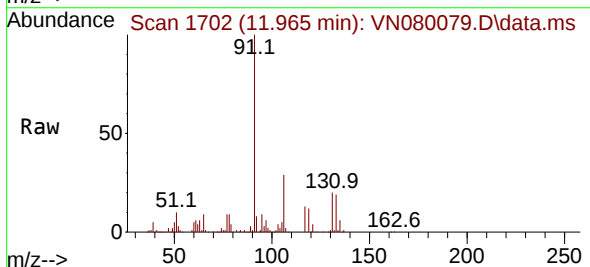
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

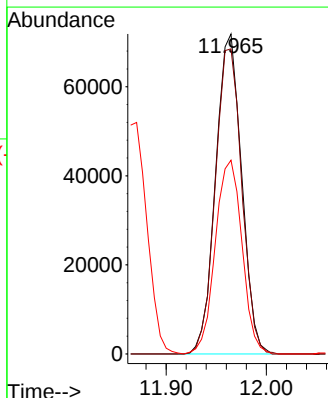
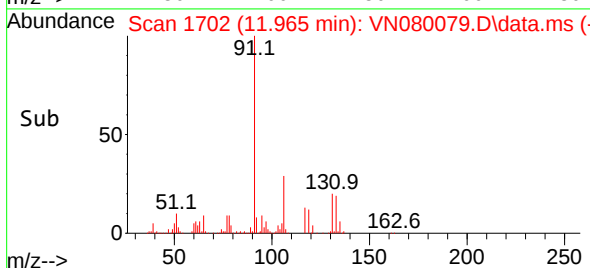
11/15/2023

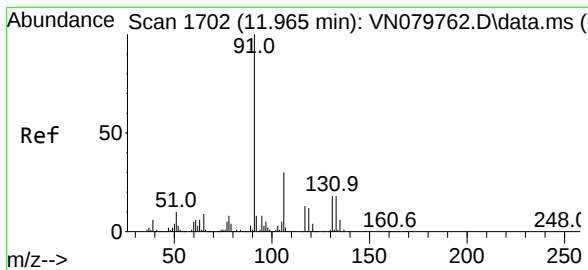


#66
1,1,1,2-Tetrachloroethane
Concen: 57.403 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



Tgt Ion:131 Resp: 129357
Ion Ratio Lower Upper
131 100
133 97.3 46.4 139.1
119 62.2 34.1 102.2





#67
Ethyl Benzene
Concen: 54.620 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 59520
Ion Ratio Lower Upper
91 100
106 28.9 25.6 38.4

Manual Integrations

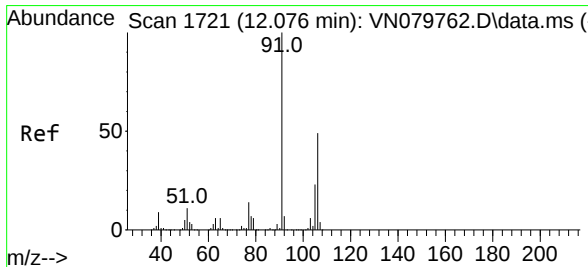
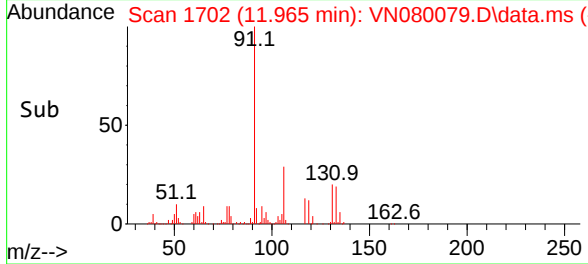
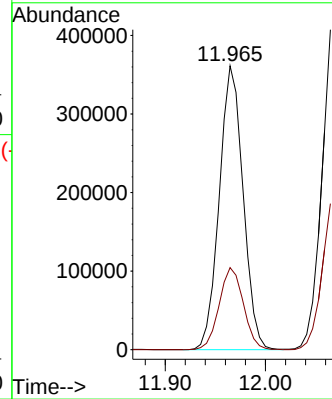
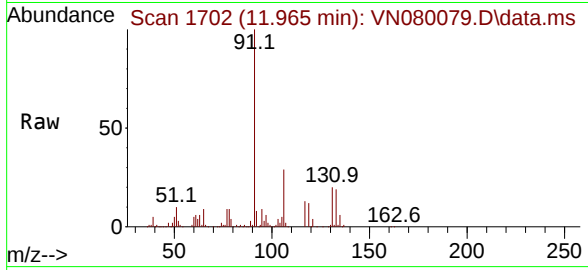
APPROVED

Reviewed By :John
Carlone

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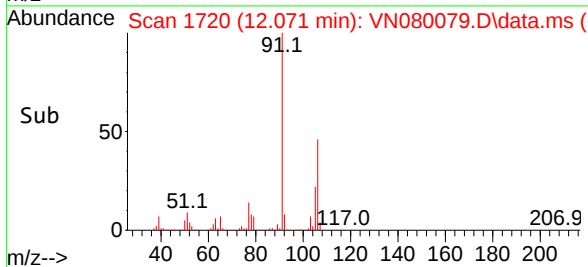
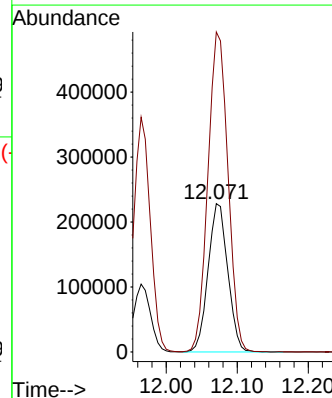
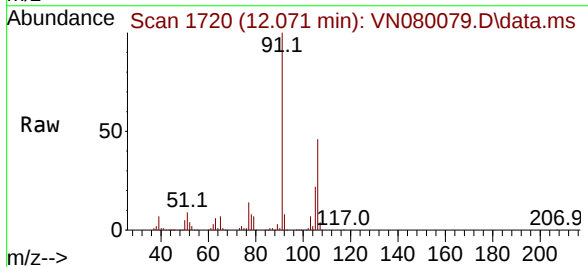
Supervised By :Mahesh
Dadoda

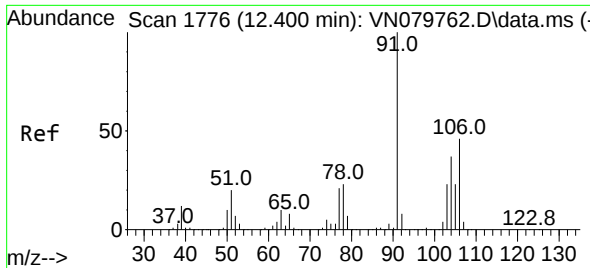
11/15/2023



#68
m/p-Xylenes
Concen: 108.343 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion:106 Resp: 439803
Ion Ratio Lower Upper
106 100
91 219.7 159.6 239.4





#69
o-Xylene
Concen: 55.370 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

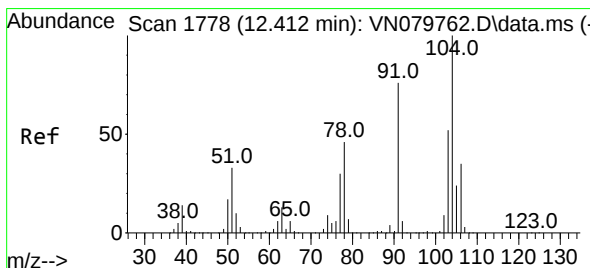
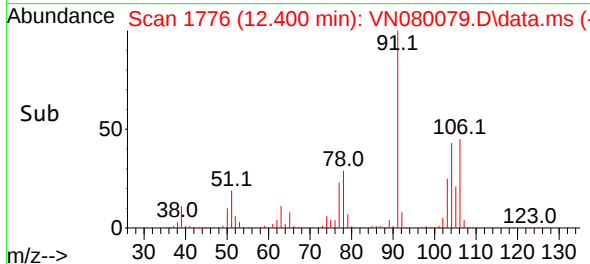
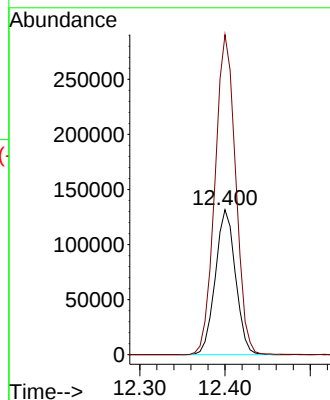
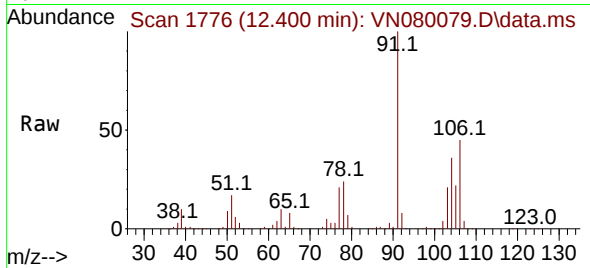
Tgt Ion:106 Resp: 21643
Ion Ratio Lower Upper
106 100
91 226.1 105.2 315.5

Manual Integrations
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Reviewed By :John
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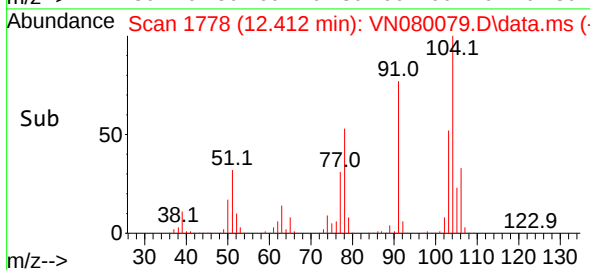
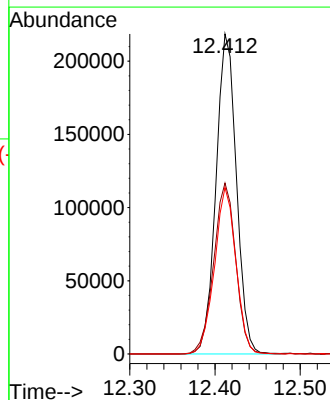
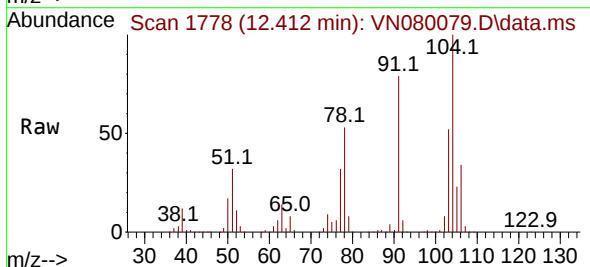
11/15/2023
Supervised By :Mahesh
Dadoda

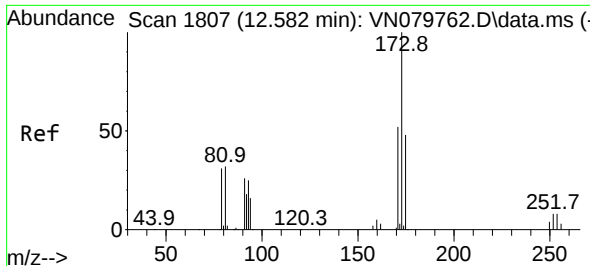
11/15/2023



#70
Styrene
Concen: 58.045 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

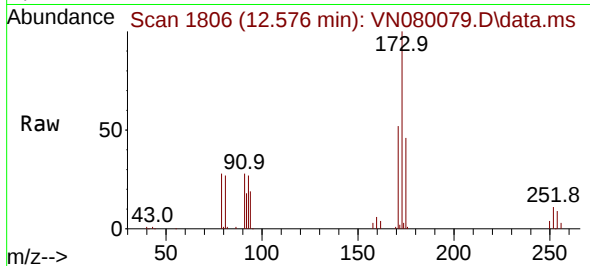
Tgt Ion:104 Resp: 364641
Ion Ratio Lower Upper
104 100
78 57.6 39.5 59.3
103 54.5 43.2 64.8





#71
Bromoform
Concen: 60.090 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



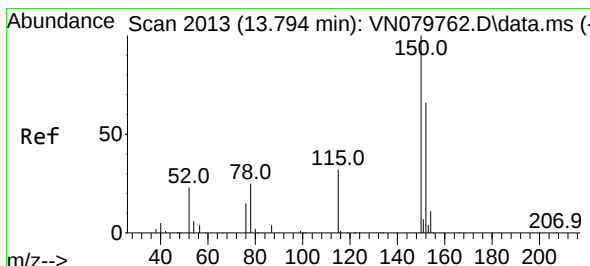
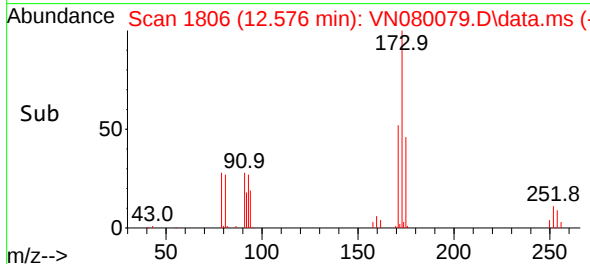
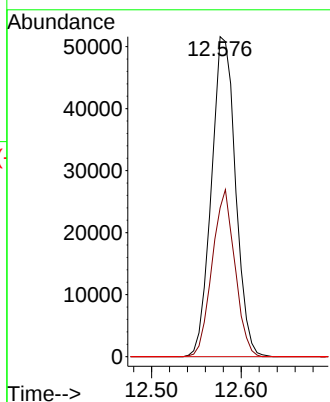
Tgt Ion:173 Resp: 96154
Ion Ratio Lower Upper
173 100
175 49.2 24.3 73.0
254 0.0 0.0 0.0

Manual Integrations
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Reviewed By :John
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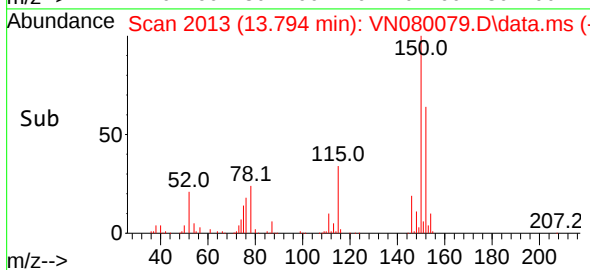
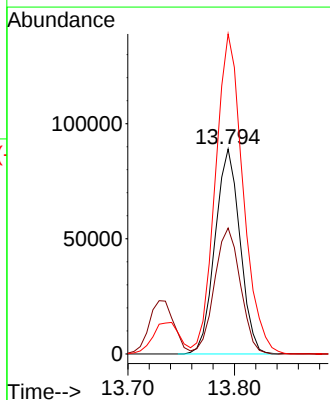
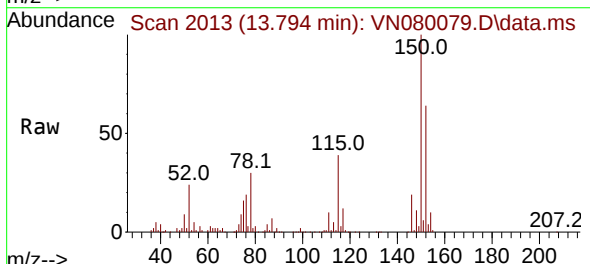
11/15/2023
Supervised By :Mahesh
Dadoda

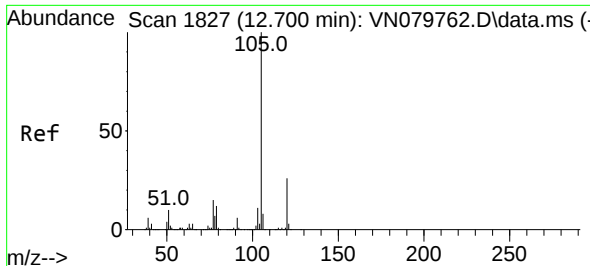
11/15/2023



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

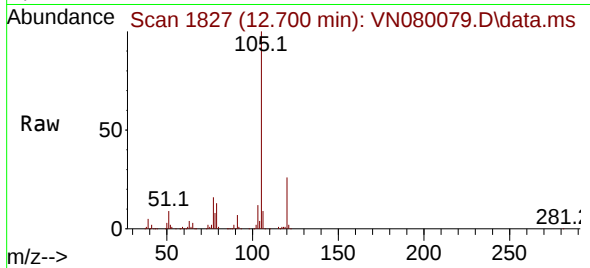
Tgt Ion:152 Resp: 144798
Ion Ratio Lower Upper
152 100
115 63.9 32.3 96.8
150 172.5 0.0 355.8





#73
Isopropylbenzene
Concen: 50.989 ug/l
RT: 12.700 min Scan# 1827
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



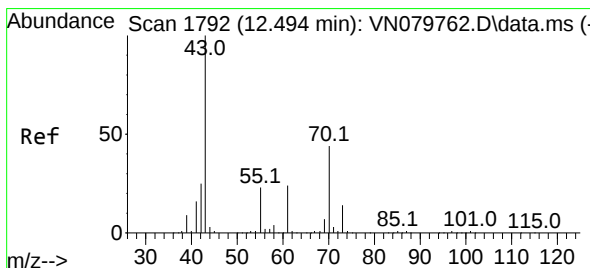
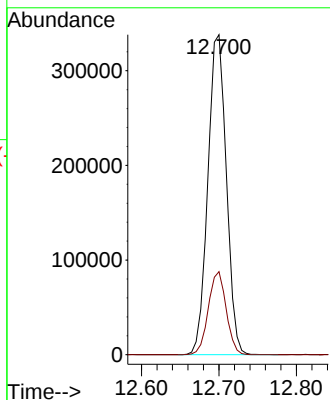
Tgt Ion:105 Resp: 560328
Ion Ratio Lower Upper
105 100
120 25.0 13.1 39.1

Manual Integrations
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Reviewed By :John
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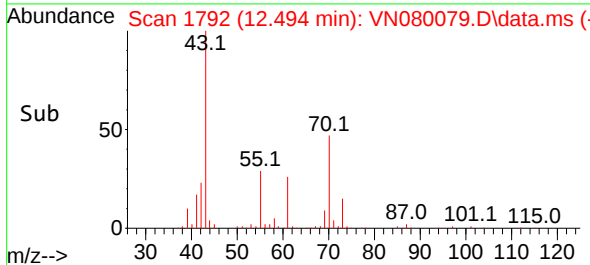
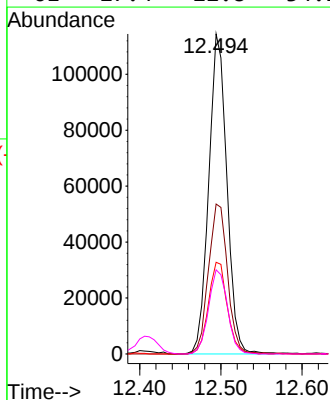
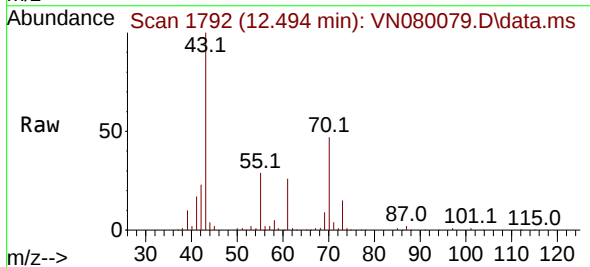
11/15/2023
Supervised By :Mahesh
Dadoda

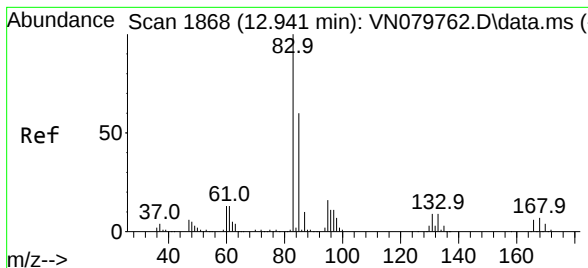
11/15/2023



#74
N-ethyl acetate
Concen: 36.976 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

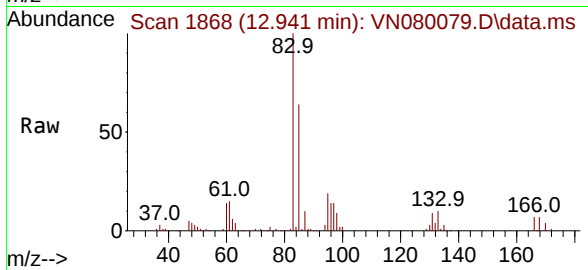
Tgt Ion: 43 Resp: 177361
Ion Ratio Lower Upper
43 100
70 49.5 43.4 65.2
55 29.7 21.4 32.0
61 27.4 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 41.491 ug/l
RT: 12.941 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



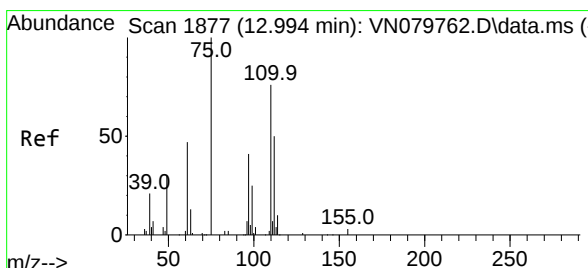
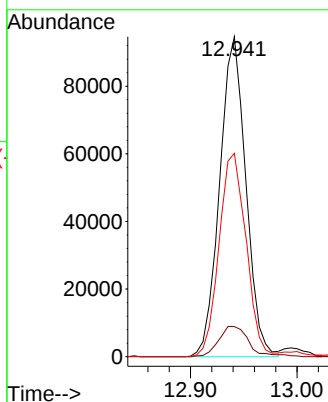
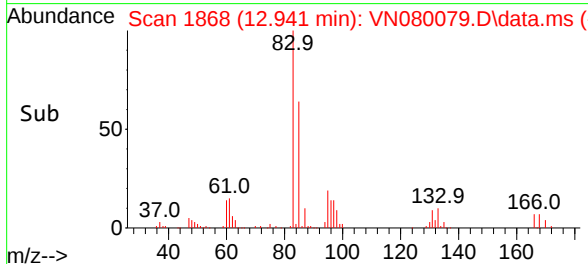
Tgt Ion: 83 Resp: 161662
Ion Ratio Lower Upper
83 100
131 10.9 5.0 15.0
85 65.5 31.9 95.7

Manual Integrations
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Reviewed By :John
Carlone

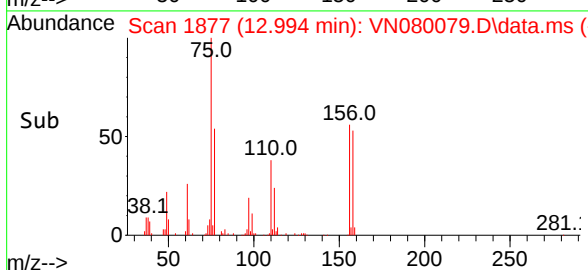
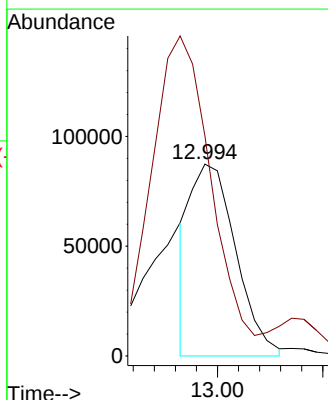
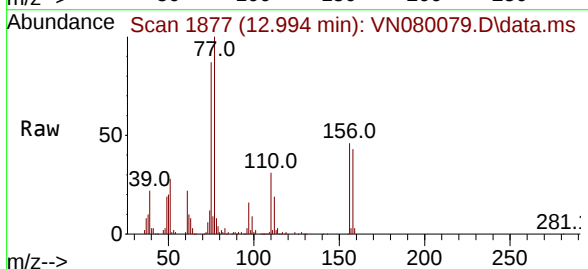
11/15/2023
Supervised By :Mahesh
Dadoda

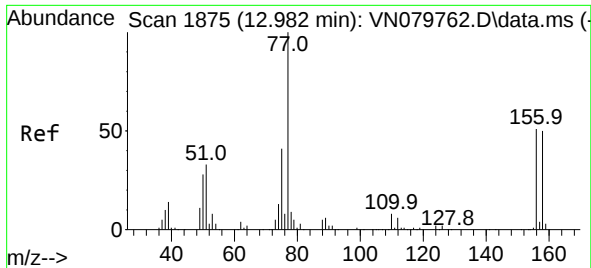
11/15/2023



#76
1,2,3-Trichloropropane
Concen: 38.523 ug/l m
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

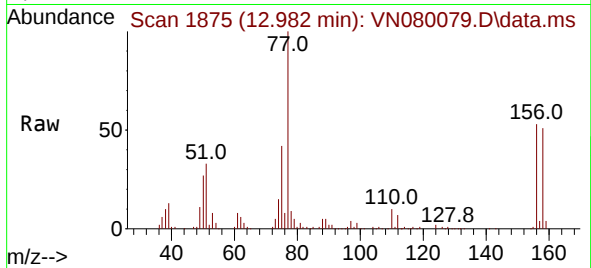
Tgt Ion: 75 Resp: 130955
Ion Ratio Lower Upper
75 100
77 222.6 84.5 253.5





#77
Bromobenzene
Concen: 49.775 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



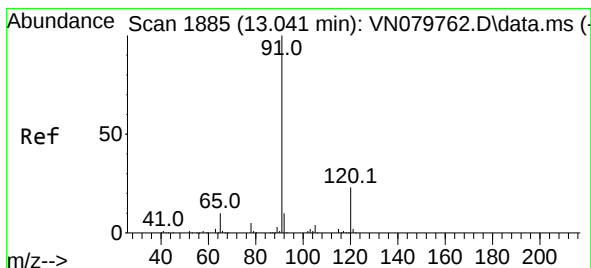
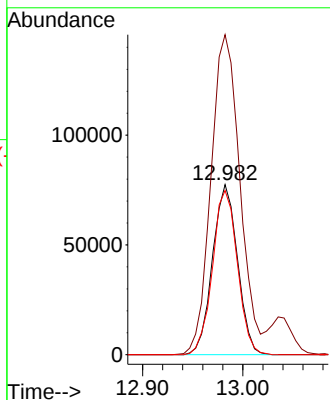
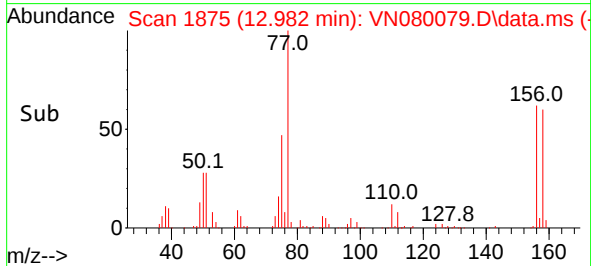
Tgt Ion:156 Resp: 133919
Ion Ratio Lower Upper
156 100
77 217.7 107.7 323.3
158 96.2 48.4 145.3

Manual Integrations
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Reviewed By :John
Carlone

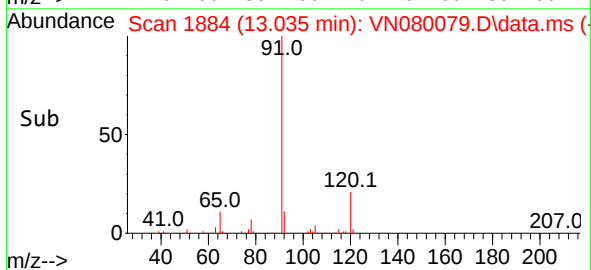
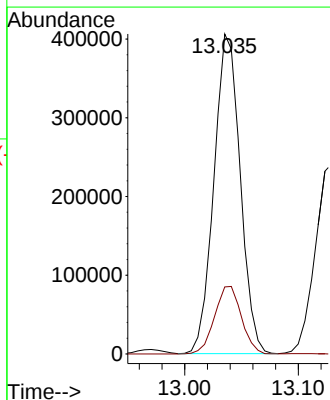
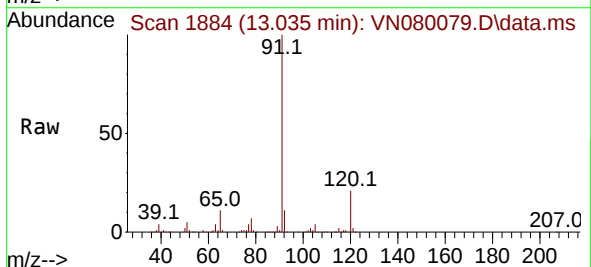
11/15/2023
Supervised By :Mahesh
Dadoda

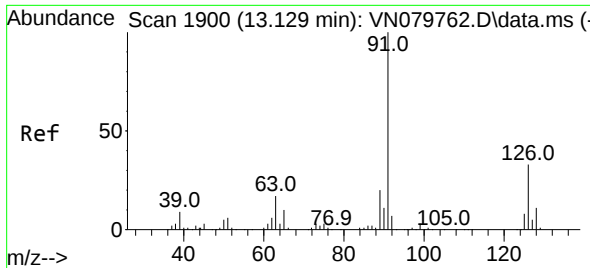
11/15/2023



#78
n-propylbenzene
Concen: 51.899 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion: 91 Resp: 653125
Ion Ratio Lower Upper
91 100
120 21.6 11.5 34.4





#79
2-Chlorotoluene
Concen: 52.090 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

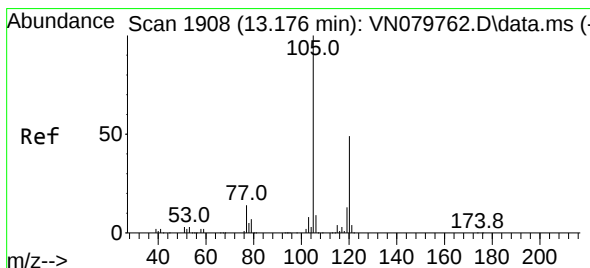
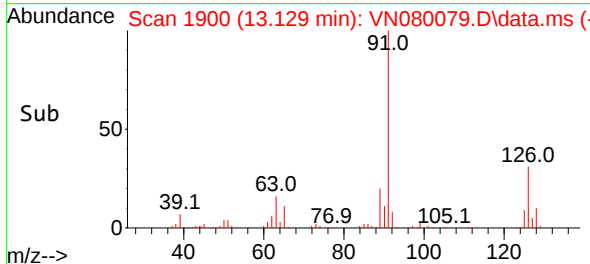
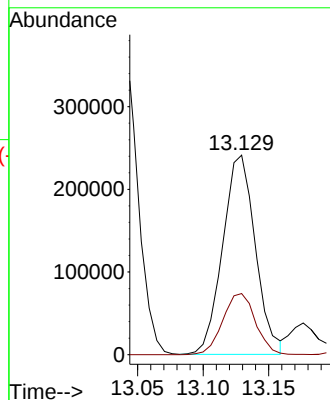
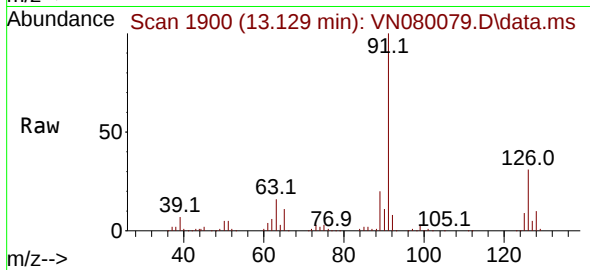
Tgt Ion: 91 Resp: 418763
Ion Ratio Lower Upper
91 100
126 30.7 16.3 48.8

Manual Integrations
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Reviewed By :John
Carlone

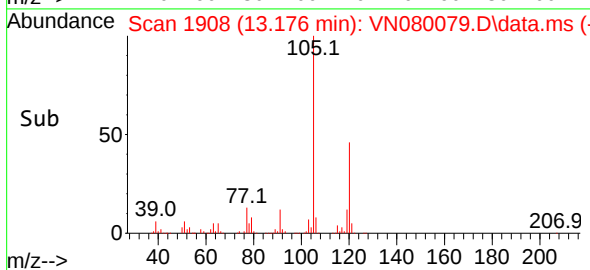
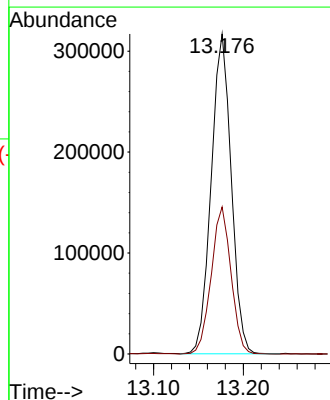
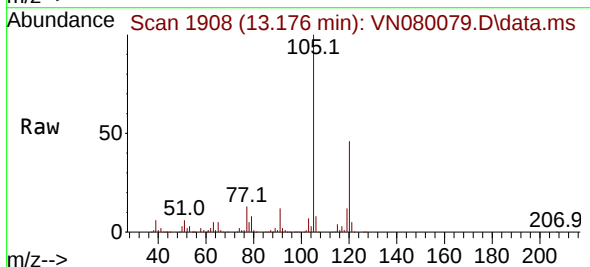
11/15/2023
Supervised By :Mahesh
Dadoda

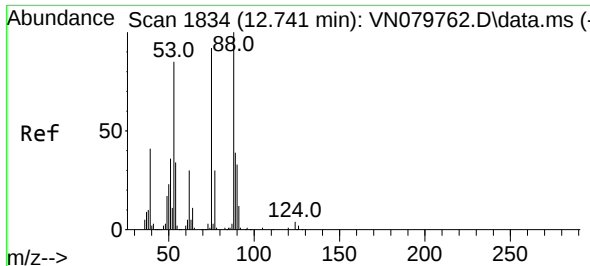
11/15/2023



#80
1,3,5-Trimethylbenzene
Concen: 57.368 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

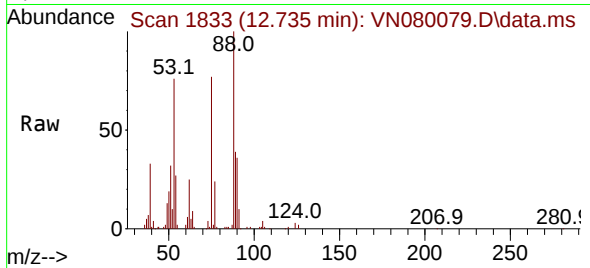
Tgt Ion:105 Resp: 490498
Ion Ratio Lower Upper
105 100
120 45.5 24.1 72.3





#81
trans-1,4-Dichloro-2-butene
Concen: 41.655 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



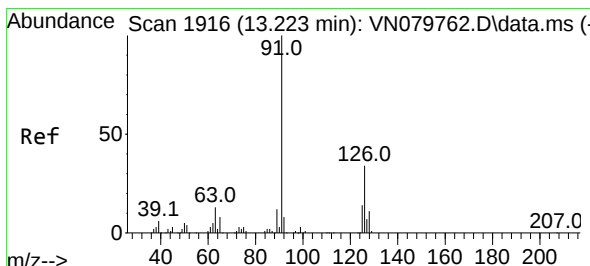
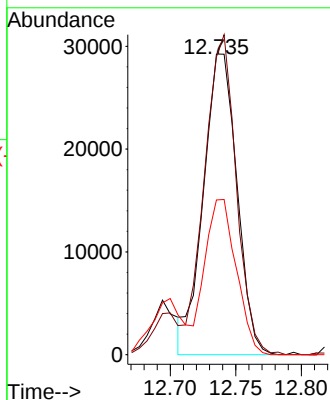
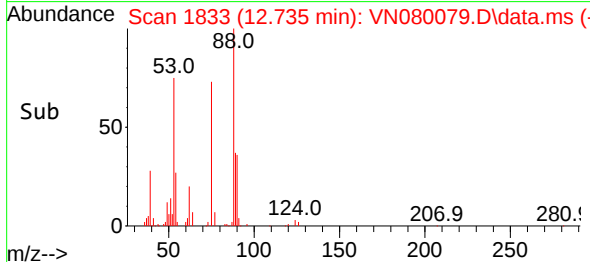
Tgt Ion: 75 Resp: 52040
Ion Ratio Lower Upper
75 100
53 101.5 67.4 101.2
89 47.5 38.8 58.2

Manual Integrations
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Reviewed By :John
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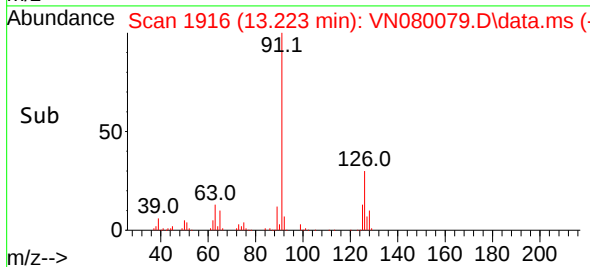
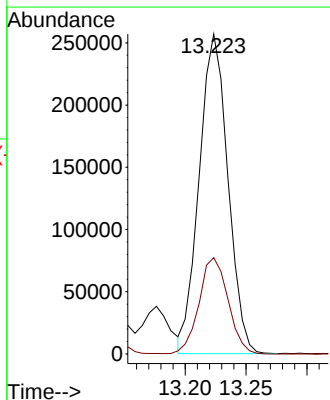
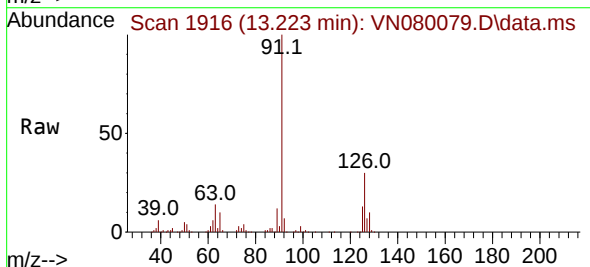
11/15/2023
Supervised By :Mahesh
Dadoda

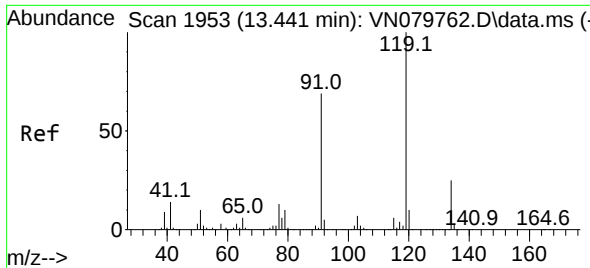
11/15/2023



#82
4-Chlorotoluene
Concen: 52.814 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

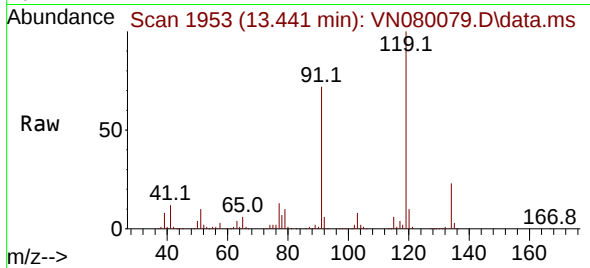
Tgt Ion: 91 Resp: 421914
Ion Ratio Lower Upper
91 100
126 30.5 16.7 50.0





#83
tert-Butylbenzene
Concen: 55.920 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



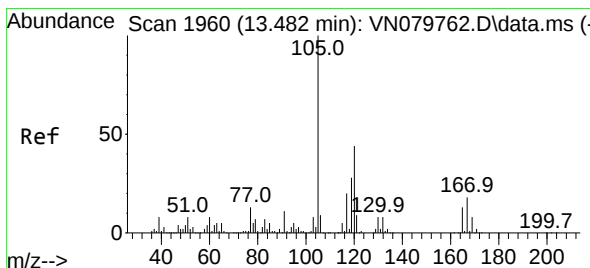
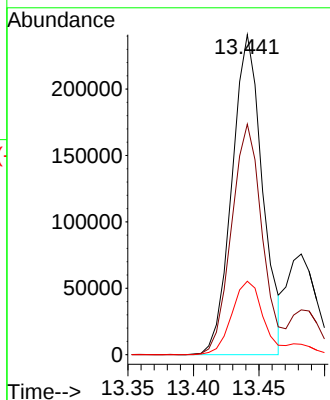
Tgt Ion:119 Resp: 39136
Ion Ratio Lower Upper
119 100
91 73.3 33.9 101.7
134 23.7 13.2 39.6

Manual Integrations
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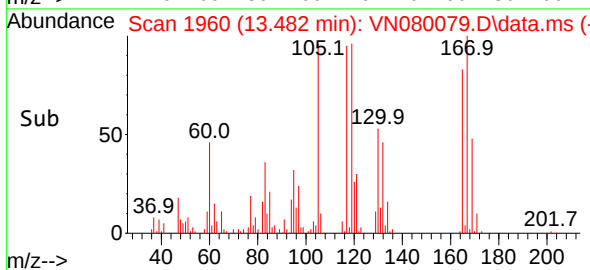
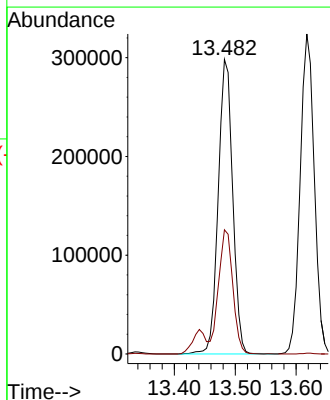
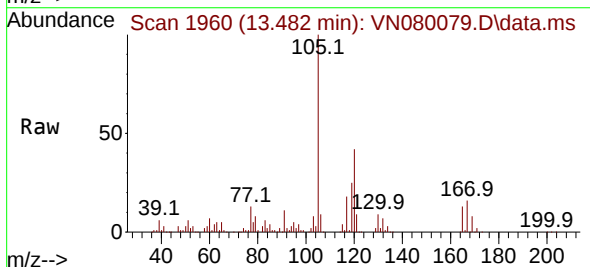
11/15/2023
Supervised By :Mahesh
Dadoda

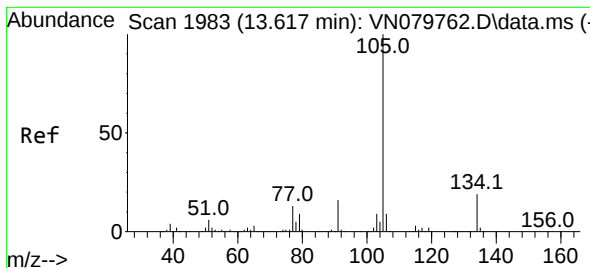
11/15/2023



#84
1,2,4-Trimethylbenzene
Concen: 58.431 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion:105 Resp: 491524
Ion Ratio Lower Upper
105 100
120 42.2 22.0 66.0





#85
 sec-Butylbenzene
 Concen: 53.784 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN080079.D
 Acq: 14 Nov 2023 10:54

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

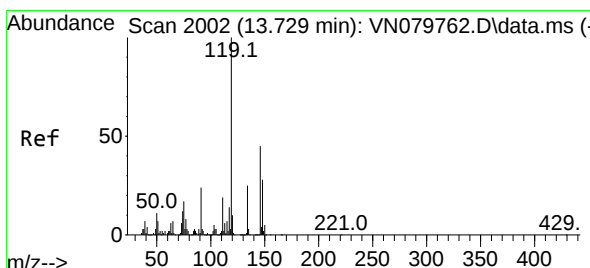
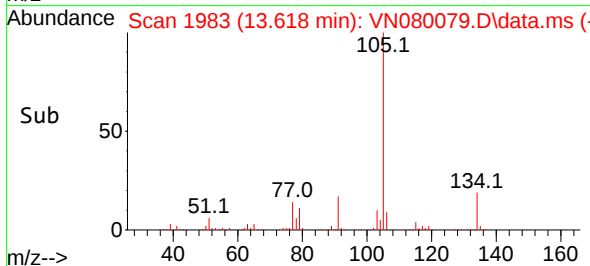
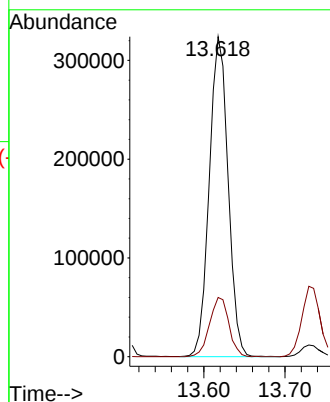
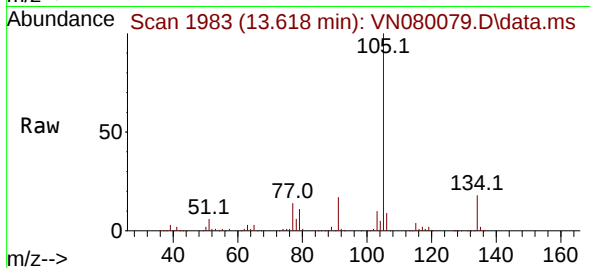
Tgt Ion:105 Resp: 521502
 Ion Ratio Lower Upper
 105 100
 134 19.0 9.8 29.3

Manual Integrations
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Reviewed By :John
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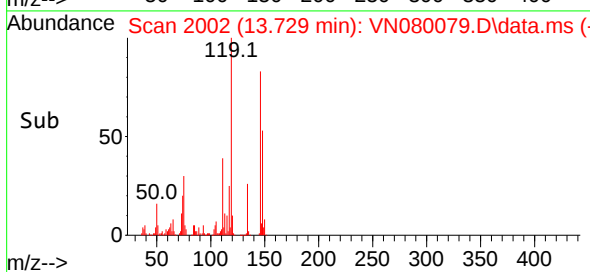
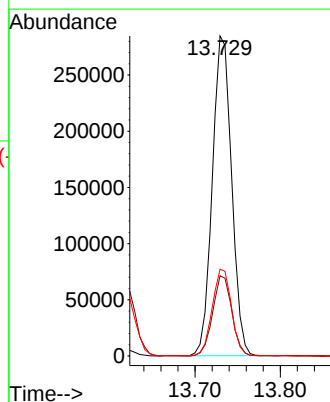
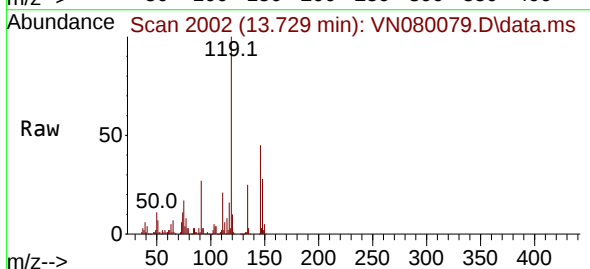
11/15/2023
 Supervised By :Mahesh
 Dadoda

11/15/2023



#86
 p-Isopropyltoluene
 Concen: 56.625 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN080079.D
 Acq: 14 Nov 2023 10:54

Tgt Ion:119 Resp: 447644
 Ion Ratio Lower Upper
 119 100
 134 24.8 12.6 37.8
 91 27.2 12.4 37.2





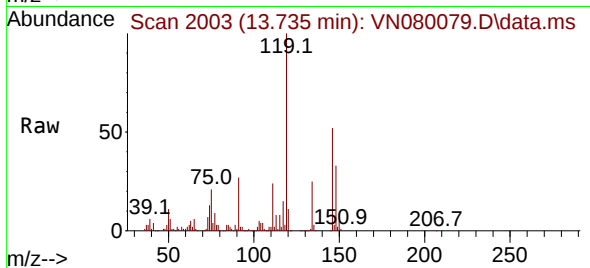
#87
1,3-Dichlorobenzene
Concen: 49.343 ug/l
RT: 13.735 min Scan# 2003
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:146 Resp: 246963
Ion Ratio Lower Upper
146 100
111 45.3 22.1 66.3
148 63.7 32.0 96.0

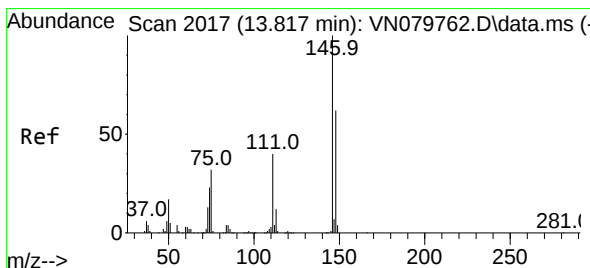
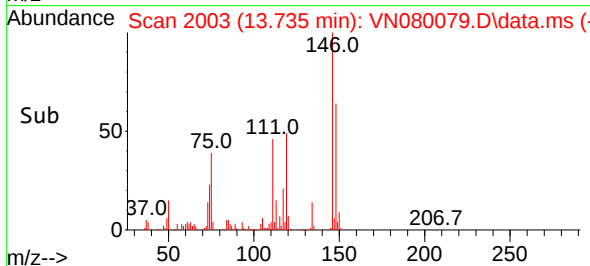
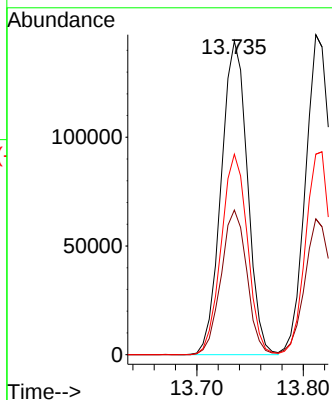
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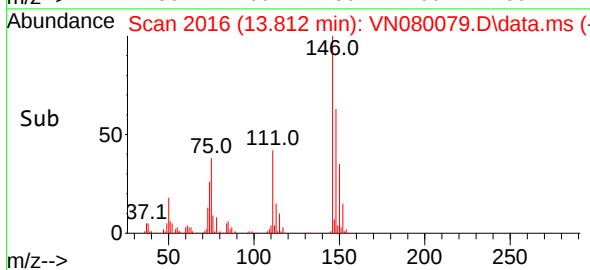
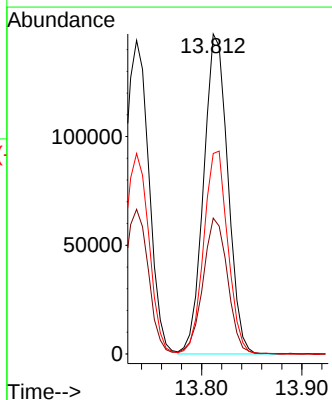
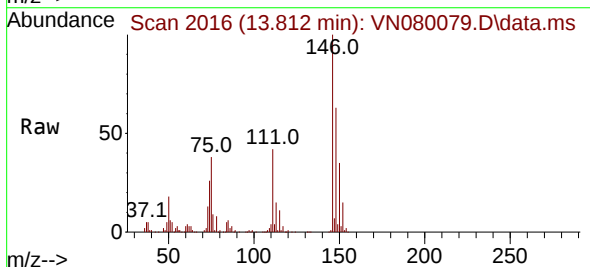
Supervised By :Mahesh
Dadoda

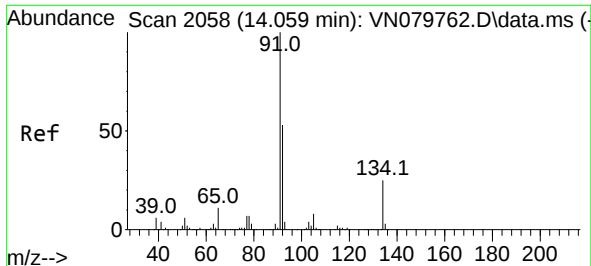
11/15/2023



#88
1,4-Dichlorobenzene
Concen: 48.621 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.006 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion:146 Resp: 247009
Ion Ratio Lower Upper
146 100
111 42.9 20.6 61.8
148 63.1 31.6 94.8





#89
n-Butylbenzene
Concen: 53.399 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

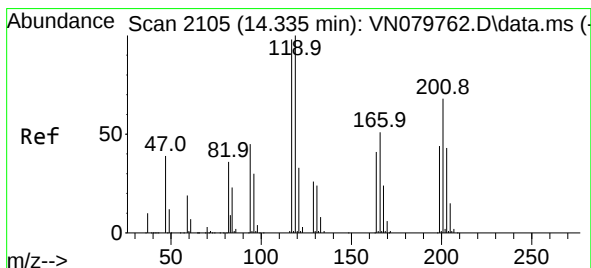
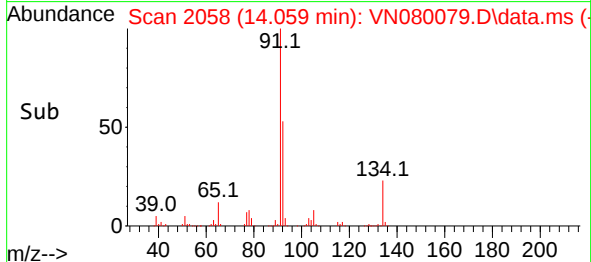
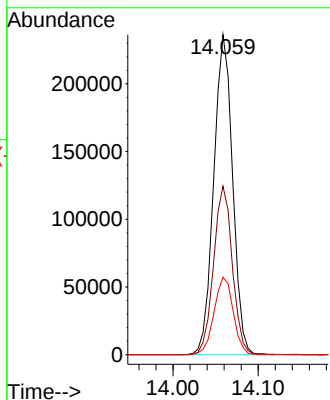
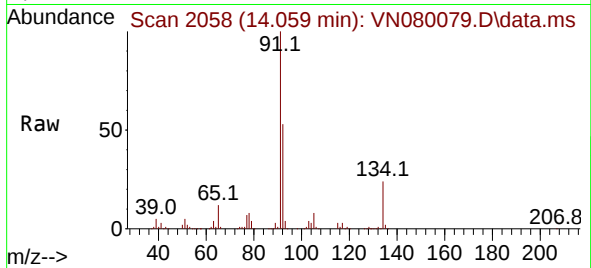
Tgt Ion: 91 Resp: 36358
Ion Ratio Lower Upper
91 100
92 52.3 26.4 79.0
134 24.6 12.6 37.6

Manual Integrations
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Reviewed By :John
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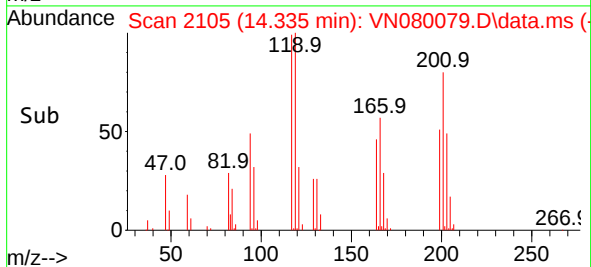
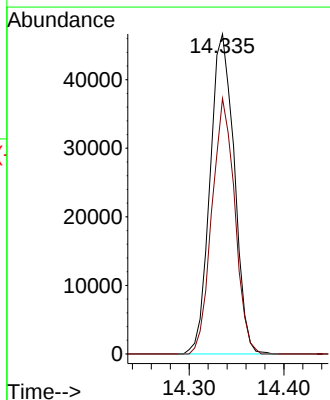
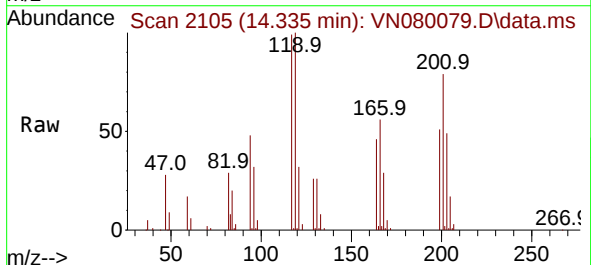
11/15/2023
Supervised By :Mahesh
Dadoda

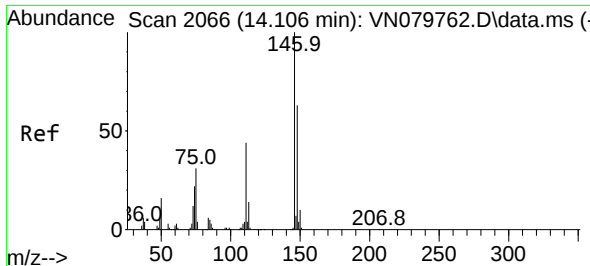
11/15/2023



#90
Hexachloroethane
Concen: 52.755 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

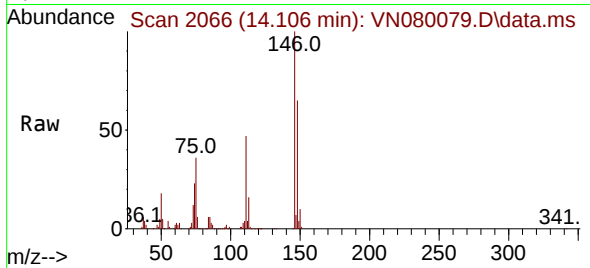
Tgt Ion:117 Resp: 82595
Ion Ratio Lower Upper
117 100
201 75.6 29.3 88.0





#91
1,2-Dichlorobenzene
Concen: 50.401 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



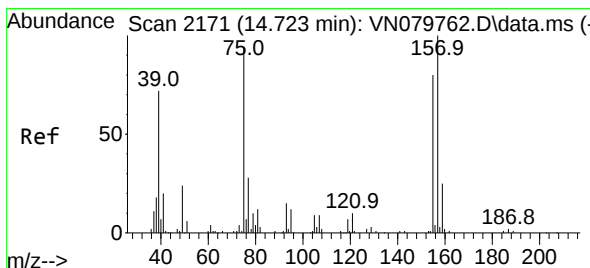
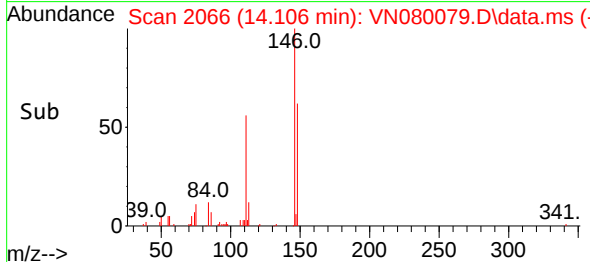
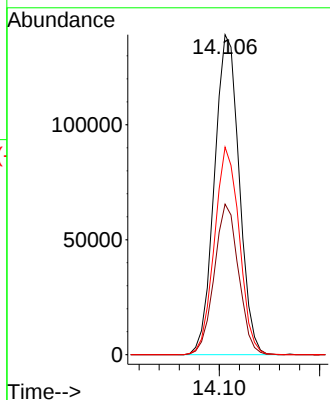
Tgt Ion:146 Resp: 23813
Ion Ratio Lower Upper
146 100
111 46.2 22.0 66.0
148 65.2 31.8 95.3

Manual Integrations
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Reviewed By :John
Carlone

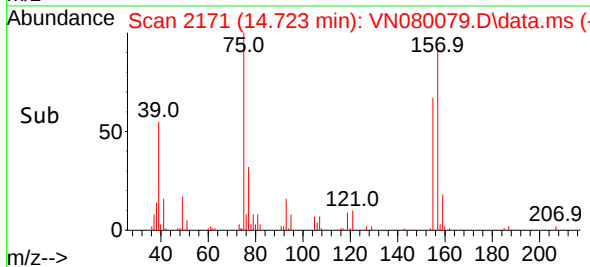
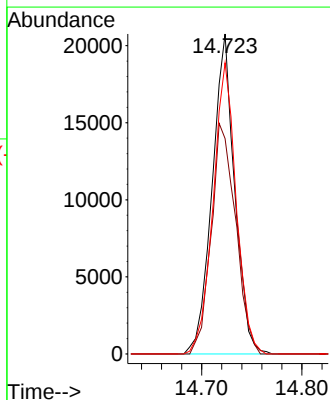
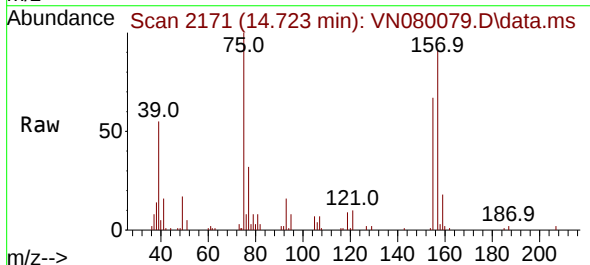
11/15/2023
Supervised By :Mahesh
Dadoda

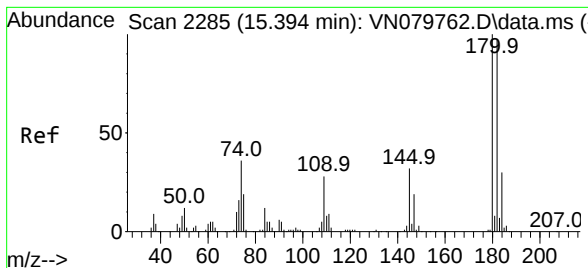
11/15/2023



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.937 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Tgt Ion: 75 Resp: 32335
Ion Ratio Lower Upper
75 100
155 78.1 39.1 117.2
157 93.3 50.3 150.9





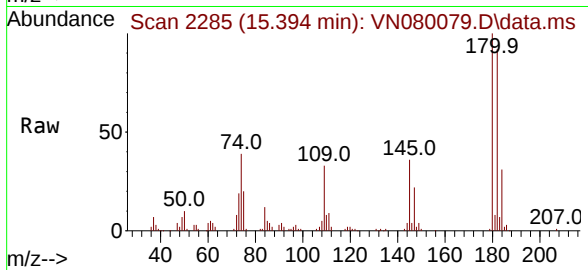
#93
1,2,4-Trichlorobenzene
Concen: 51.953 ug/l
RT: 15.394 min Scan# 2285
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050



Tgt Ion:180 Resp: 116710
Ion Ratio Lower Upper
180 100
182 94.8 46.1 138.2
145 33.4 16.6 49.8

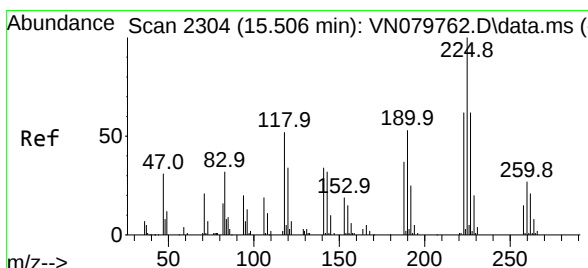
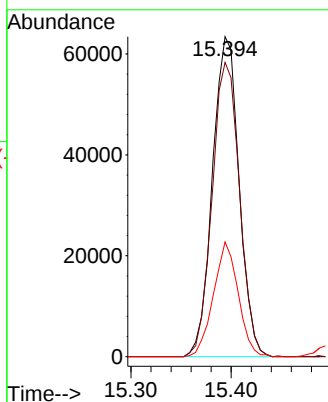
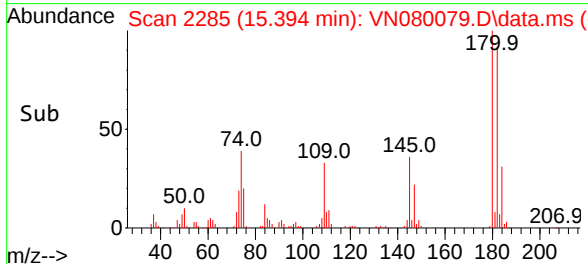
Manual Integrations
APPROVED

Reviewed By :John
Carlone

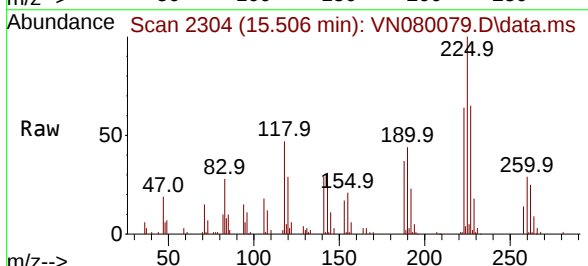
11/15/2023

Supervised By :Mahesh
Dadoda

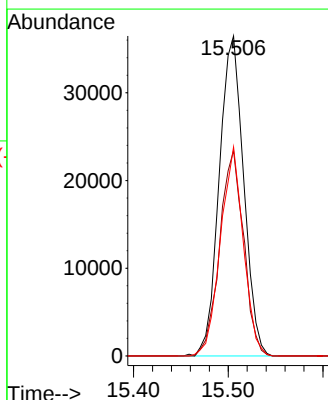
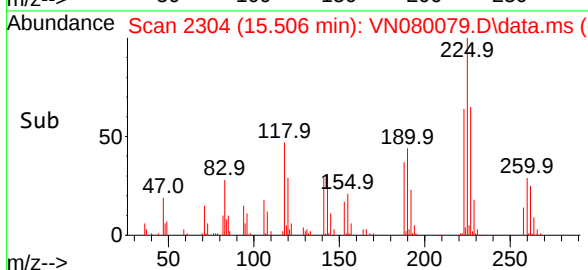
11/15/2023

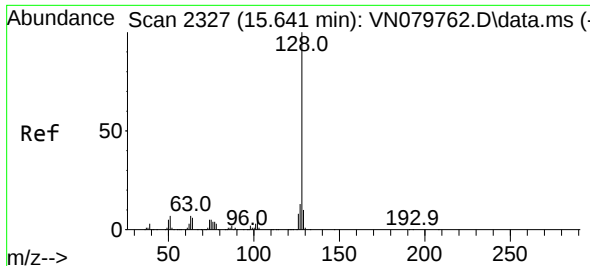


#94
Hexachlorobutadiene
Concen: 64.114 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



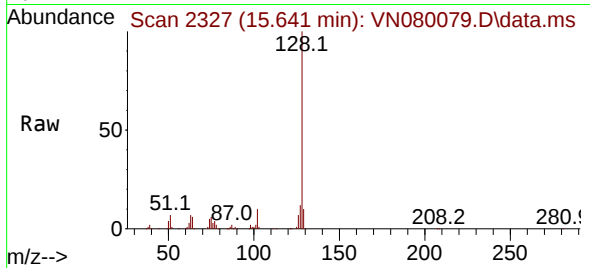
Tgt Ion:225 Resp: 65296
Ion Ratio Lower Upper
225 100
223 63.0 31.3 93.8
227 61.4 31.9 95.9





#95
Naphthalene
Concen: 43.147 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050



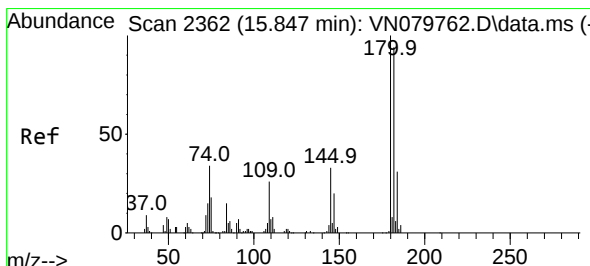
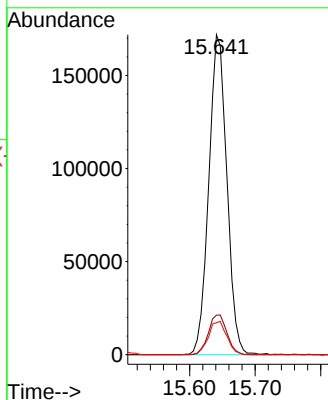
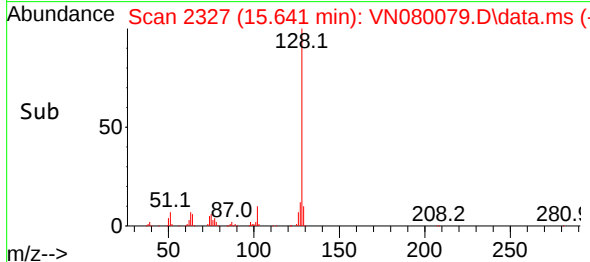
Tgt Ion:128 Resp: 328724
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.6 8.7 13.1

Manual Integrations
APPROVED

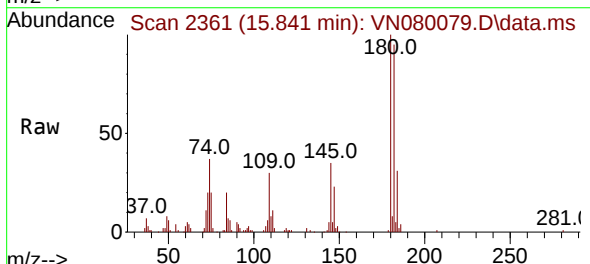
Reviewed By :John
Carlone

11/15/2023
Supervised By :Mahesh
Dadoda

11/15/2023



#96
1,2,3-Trichlorobenzene
Concen: 50.065 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.000 min
Lab File: VN080079.D
Acq: 14 Nov 2023 10:54



Tgt Ion:180 Resp: 110252
Ion Ratio Lower Upper
180 100
182 96.5 46.2 138.6
145 36.5 17.5 52.6

