

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076315.D
 Acq On : 19 Jan 2023 12:07
 Operator : JC\MD
 Sample : 01208-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 33894

Quant Time: Jan 20 00:53:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	376518	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	586293	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	510192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	250191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	192937	45.765	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.540%		
35) Dibromofluoromethane	8.177	113	174337	47.536	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.080%		
50) Toluene-d8	10.571	98	664881	49.089	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.180%		
62) 4-Bromofluorobenzene	12.853	95	228203	51.610	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.220%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.977	74	37618	16.642	ug/l #	12
11) Tert butyl alcohol	5.542	59	2519	4.467	ug/l #	72
13) Acrolein	4.189	56	231	0.343	ug/l #	15
16) Acetone	4.442	43	54765	40.461	ug/l	92
19) Methyl tert-butyl Ether	5.812	73	63855	5.439	ug/l #	90
20) Methylene Chloride	5.283	84	578	Below Cal	#	70
22) Diisopropyl ether	6.689	45	9470	0.956	ug/l #	87
23) Vinyl Acetate	6.689	43	5546	0.866	ug/l #	66
25) 2-Butanone	7.506	43	9672	4.686	ug/l	92
31) Cyclohexane	8.230	56	15255	2.356	ug/l #	29
36) 1,1-Dichloropropene	8.236	75	26284	5.044	ug/l #	49
37) Ethyl Acetate	7.583	43	2431	0.618	ug/l #	73
38) Carbon Tetrachloride	8.236	117	36457	6.273	ug/l #	15
39) Methylcyclohexane	9.606	83	19424	3.052	ug/l	100
40) Benzene	8.612	78	342400	21.973	ug/l	100
48) Methyl methacrylate	9.606	41	9088	2.823	ug/l #	67
51) 4-Methyl-2-Pentanone	10.453	43	3070	0.769	ug/l #	82
52) Toluene	10.635	92	2035414	195.320	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	23972	4.603	ug/l #	1
55) 1,1,2-Trichloroethane	11.012	97	5950	1.494	ug/l #	21
59) 2-Hexanone	11.200	43	3653	1.263	ug/l	73
67) Ethyl Benzene	11.965	91	1229667	66.620	ug/l	100
68) m/p-Xylenes	12.071	106	1702843	230.071	ug/l	99
69) o-Xylene	12.400	106	1131093	155.617	ug/l	98
70) Styrene	12.400	104	61916	5.335	ug/l #	1
71) Bromoform	12.847	173	1681	0.580	ug/l #	1
73) Isopropylbenzene	12.700	105	208031	10.748	ug/l	99
74) N-amyl acetate	12.488	43	1688	0.303	ug/l #	64
75) 1,1,2,2-Tetrachloroethane	12.947	83	1162	0.209	ug/l #	71
76) 1,2,3-Trichloropropane	13.100	75	20720	3.668	ug/l #	1
77) Bromobenzene	12.982	156	975	Below Cal	#	14
78) n-propylbenzene	13.041	91	521698	23.889	ug/l	100
79) 2-Chlorotoluene	13.100	91	217258	16.212	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	691733	42.661	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.853	75	117356	78.045	ug/l #	12
82) 4-Chlorotoluene	13.100	91	217258	16.212	ug/l #	40

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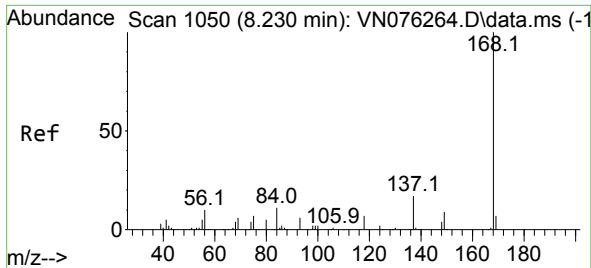
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

83) tert-Butylbenzene	13.482	119	361146	25.042	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.482	105	2922589	179.752	ug/l	100
85) sec-Butylbenzene	13.618	105	113930	5.693	ug/l	88
86) p-Isopropyltoluene	13.729	119	78826	4.790	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	2853	0.313	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	3691	0.526	ug/l #	66
89) n-Butylbenzene	14.059	91	115408	8.835	ug/l #	76
90) Hexachloroethane	14.335	117	46135	16.244	ug/l #	12
91) 1,2-Dichlorobenzene	14.112	146	2811	0.309	ug/l #	83
92) 1,2-Dibromo-3-Chloropr...	14.694	75	5539	5.727	ug/l #	1
93) 1,2,4-Trichlorobenzene	15.394	180	4635	2.333	ug/l #	84
95) Naphthalene	15.641	128	579206	44.757	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	5809	2.510	ug/l #	80

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

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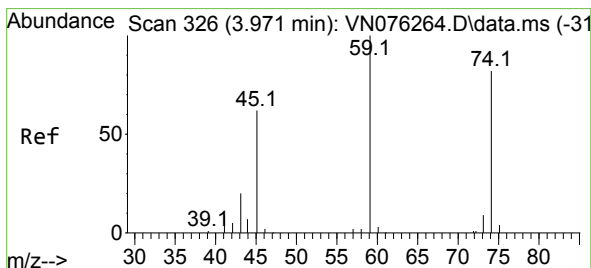
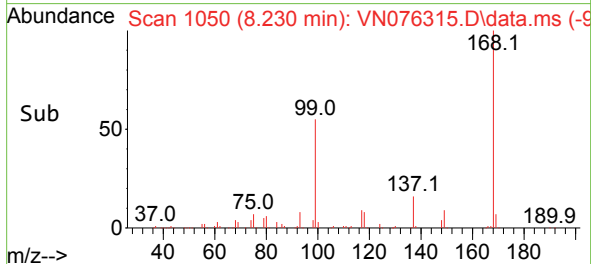
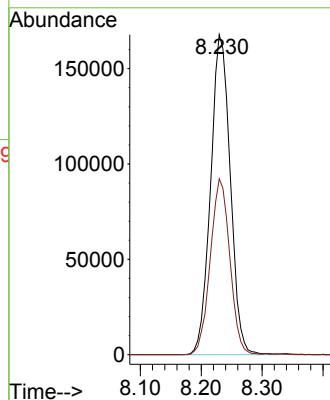
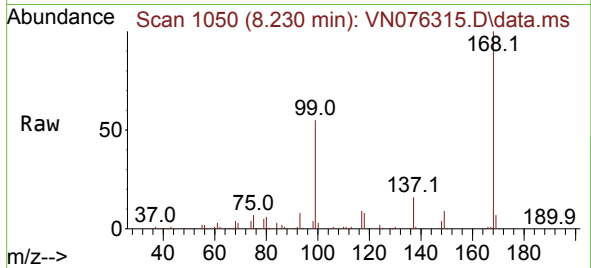




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VN076315.D
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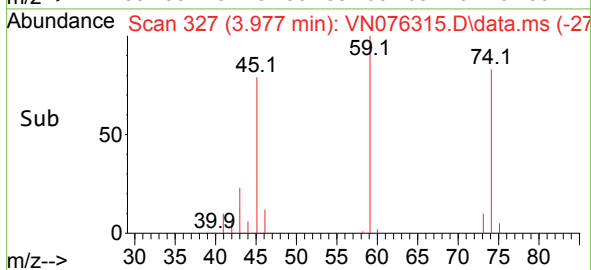
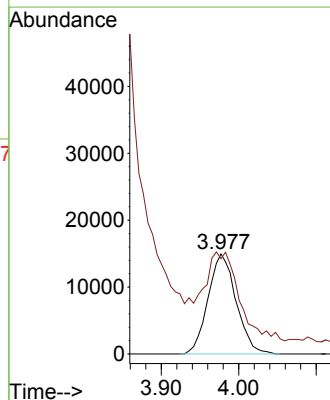
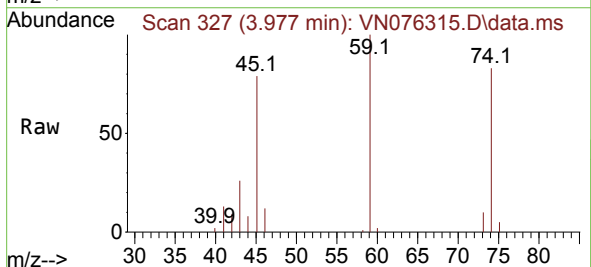
Instrument :
MSVOA_N
ClientSampleId :
33894

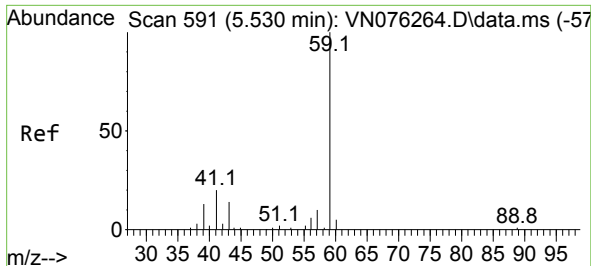
Tgt Ion:168 Resp: 376518
Ion Ratio Lower Upper
168 100
99 55.0 41.6 62.4



#8
Diethyl Ether
Concen: 16.642 ug/l
RT: 3.977 min Scan# 327
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 74 Resp: 37618
Ion Ratio Lower Upper
74 100
45 0.0 37.8 113.3#

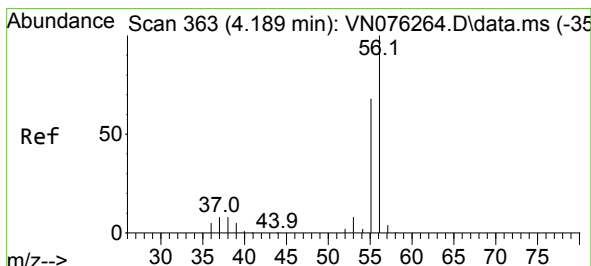
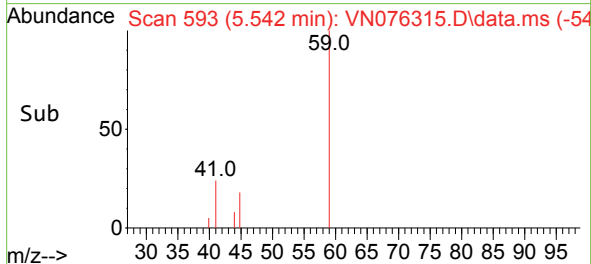
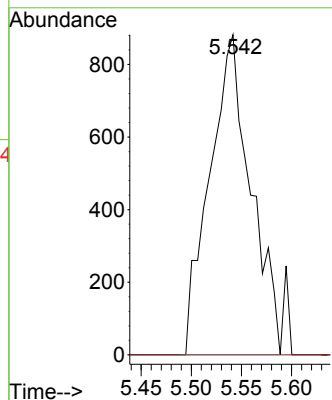
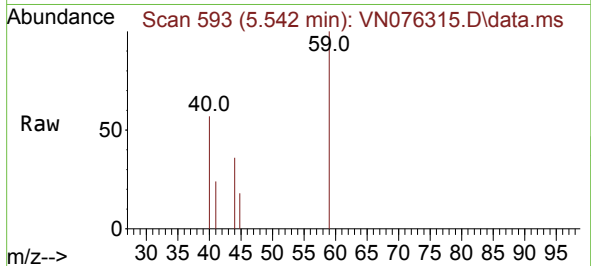




#11
Tert butyl alcohol
Concen: 4.467 ug/l
RT: 5.542 min Scan# 591
Delta R.T. 0.012 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

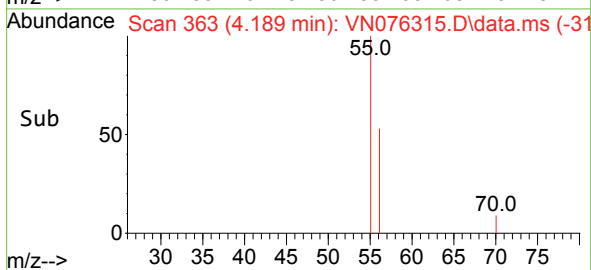
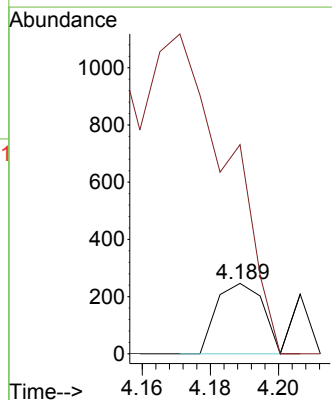
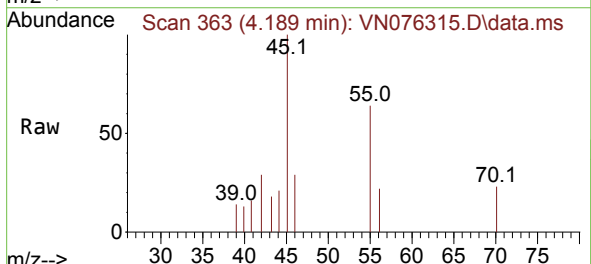
Instrument :
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ClientSampleId :
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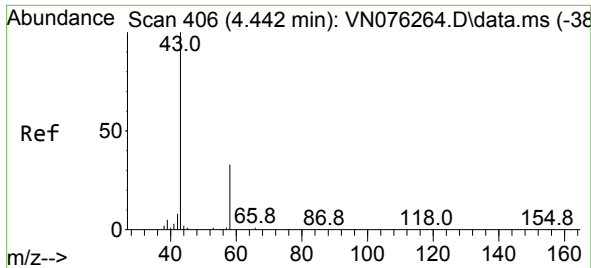
Tgt Ion: 59 Resp: 2519
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#



#13
Acrolein
Concen: 0.343 ug/l
RT: 4.189 min Scan# 363
Delta R.T. -0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 56 Resp: 231
Ion Ratio Lower Upper
56 100
55 0.0 55.8 83.6#

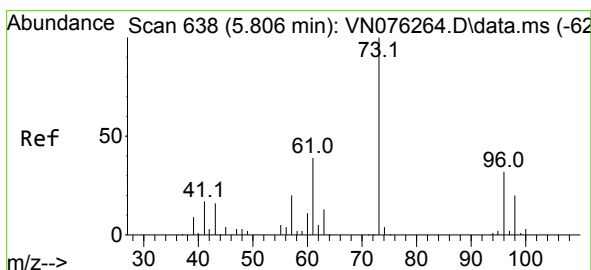
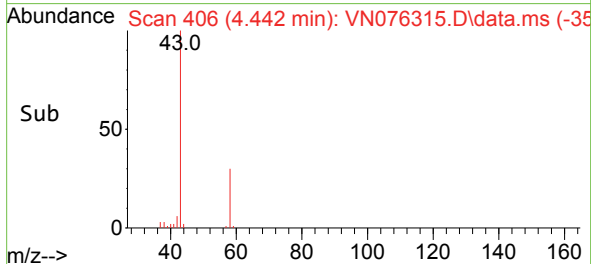
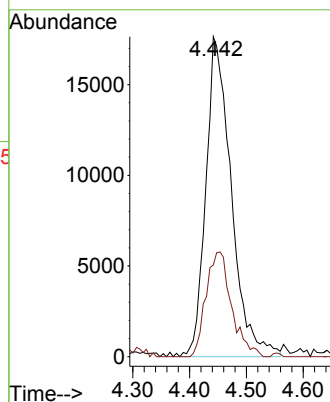
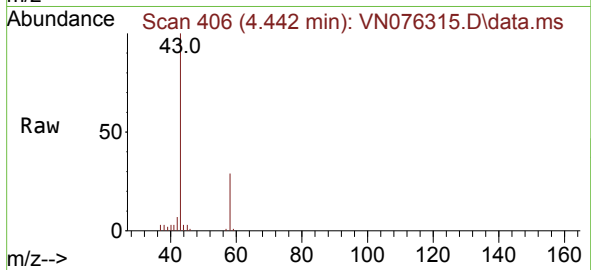




#16
Acetone
Concen: 40.461 ug/l
RT: 4.442 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

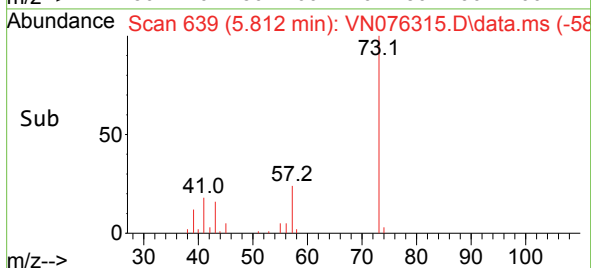
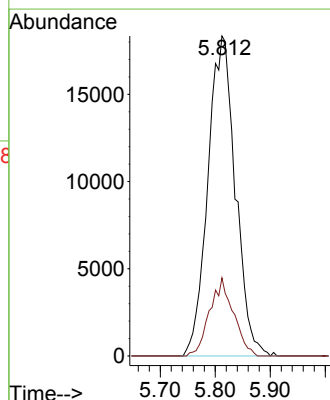
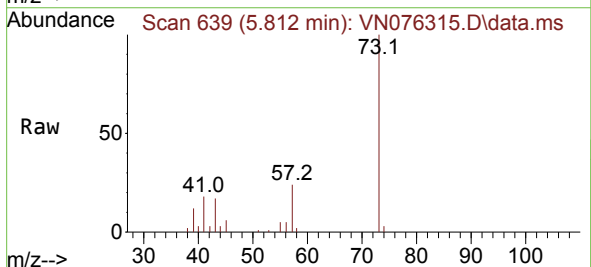
Instrument :
MSVOA_N
ClientSampleId :
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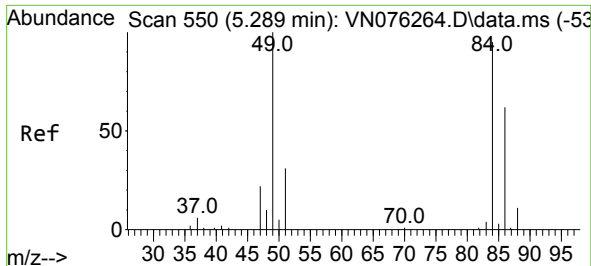
Tgt Ion: 43 Resp: 54765
Ion Ratio Lower Upper
43 100
58 28.7 26.7 40.1



#19
Methyl tert-butyl Ether
Concen: 5.439 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

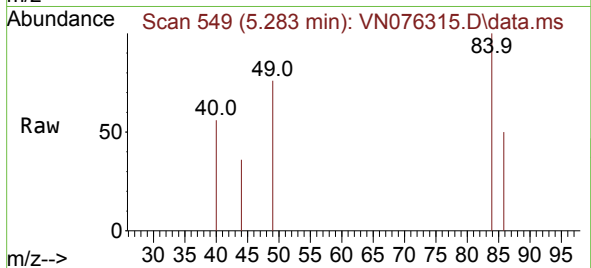
Tgt Ion: 73 Resp: 63855
Ion Ratio Lower Upper
73 100
57 24.4 15.9 23.9#





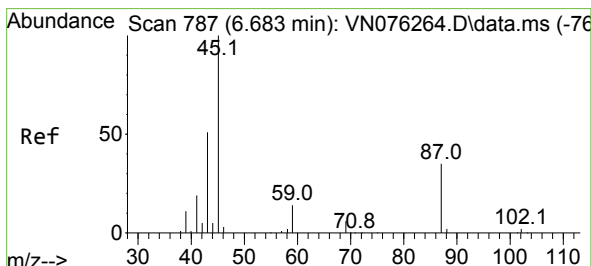
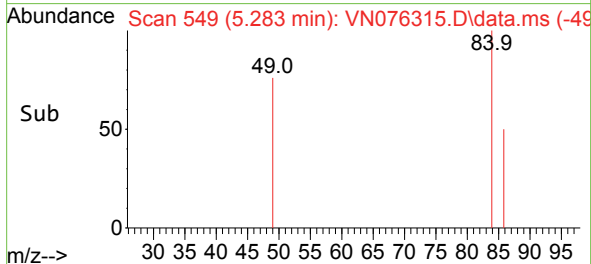
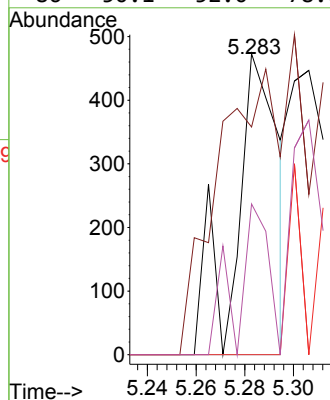
#20
Methylene Chloride
Concen: Below Cal
RT: 5.283 min Scan# 549
Delta R.T. -0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
33894



Tgt Ion: 84 Resp: 578

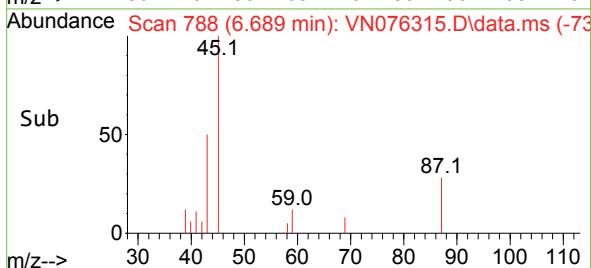
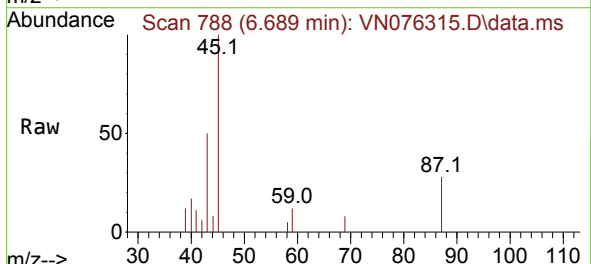
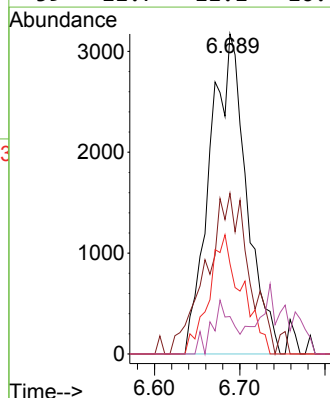
Ion	Ratio	Lower	Upper
84	100		
49	75.7	84.5	126.7#
51	0.0	26.0	39.0#
86	50.1	52.0	78.0#

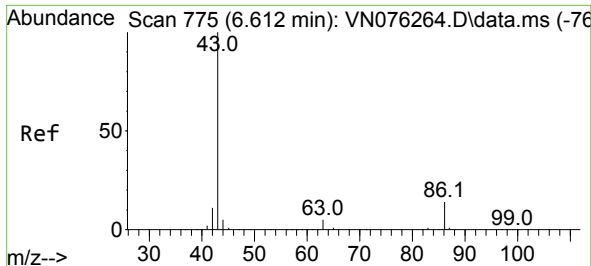


#22
Diisopropyl ether
Concen: 0.956 ug/l
RT: 6.689 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 45 Resp: 9470

Ion	Ratio	Lower	Upper
45	100		
43	44.2	44.4	66.6#
87	28.2	28.4	42.6#
59	11.7	11.1	16.7

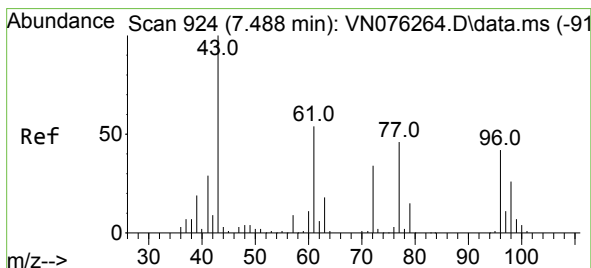
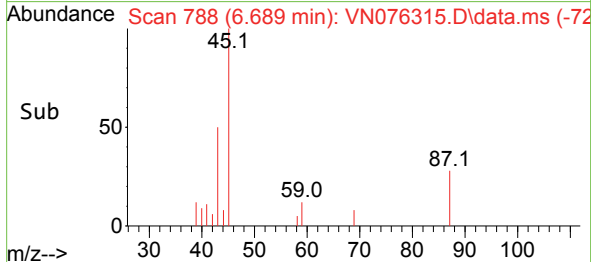
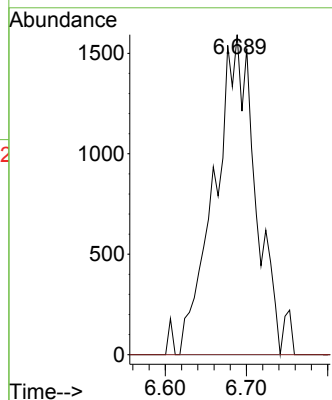
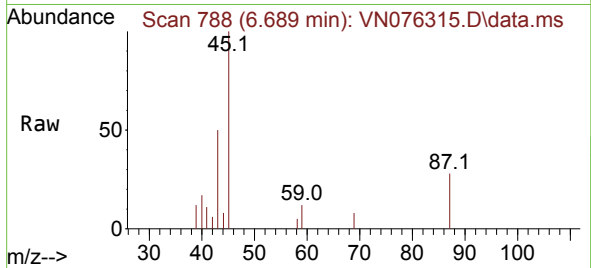




#23
 Vinyl Acetate
 Concen: 0.866 ug/l
 RT: 6.689 min Scan# 71
 Delta R.T. 0.077 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

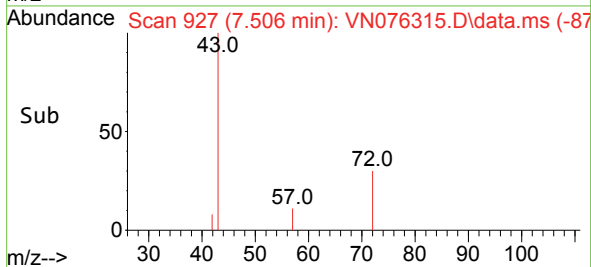
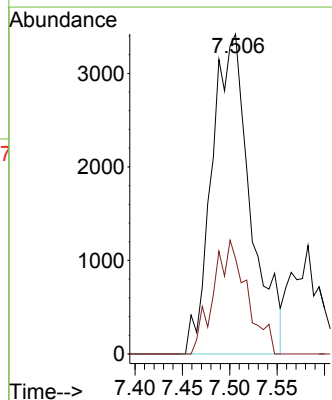
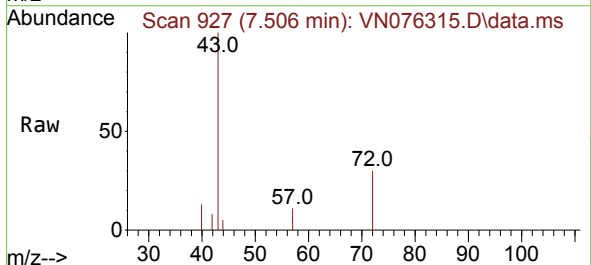
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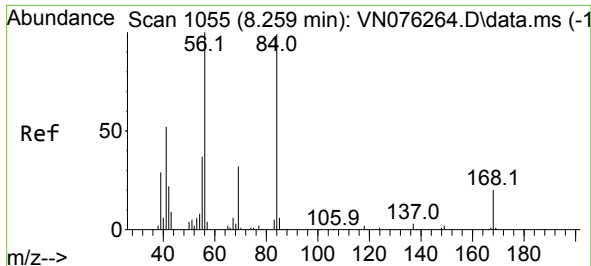
Tgt Ion: 43 Resp: 5546
 Ion Ratio Lower Upper
 43 100
 86 0.0 11.2 16.8#



#25
 2-Butanone
 Concen: 4.686 ug/l
 RT: 7.506 min Scan# 927
 Delta R.T. 0.018 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Tgt Ion: 43 Resp: 9672
 Ion Ratio Lower Upper
 43 100
 72 29.8 27.4 41.2





#31

Cyclohexane

Concen: 2.356 ug/l

RT: 8.230 min Scan# 1050

Delta R.T. -0.029 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

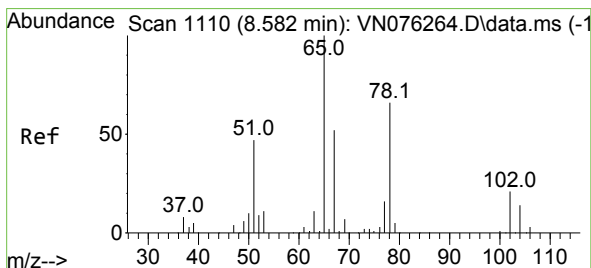
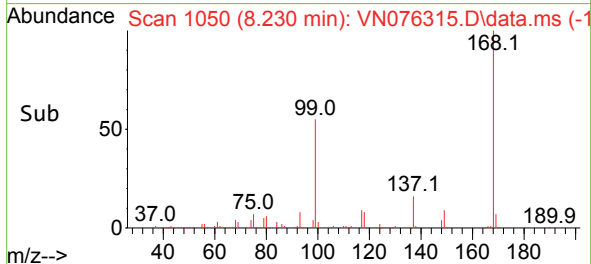
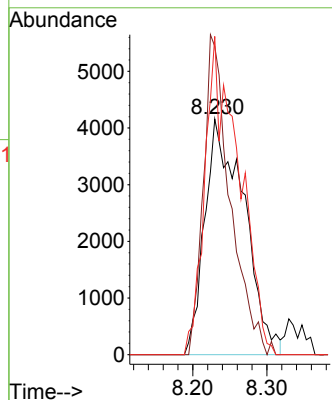
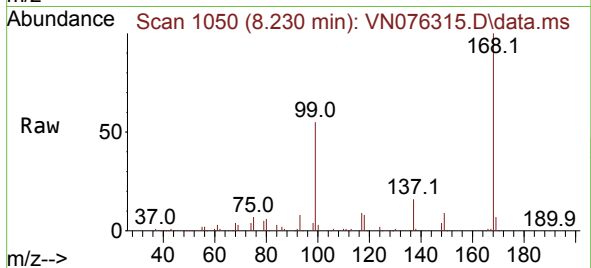
Tgt Ion: 56 Resp: 15255

Ion Ratio Lower Upper

56 100

69 130.8 25.8 38.8#

84 135.1 79.0 118.4#



#33

1,2-Dichloroethane-d4

Concen: 45.765 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076315.D

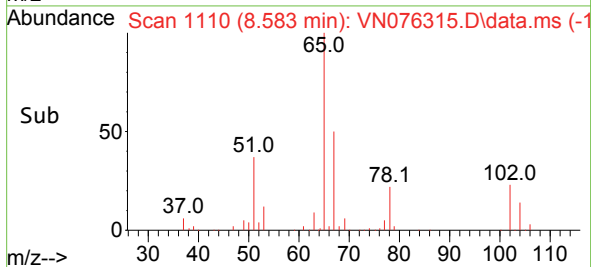
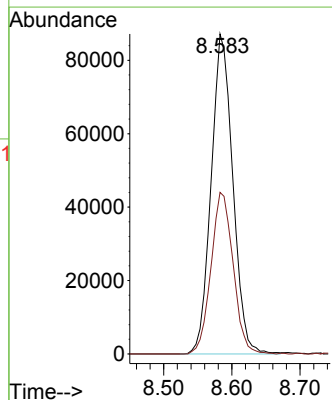
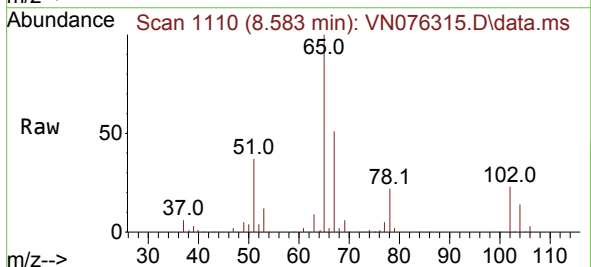
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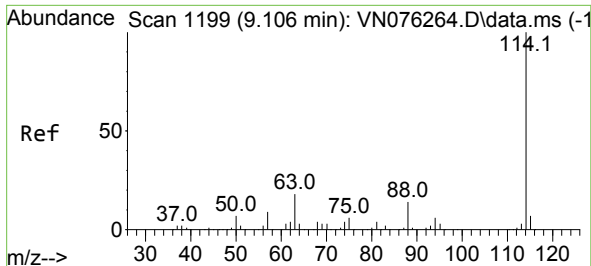
Tgt Ion: 65 Resp: 192937

Ion Ratio Lower Upper

65 100

67 51.6 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. 0.000 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

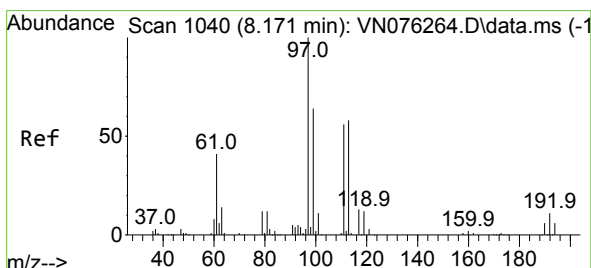
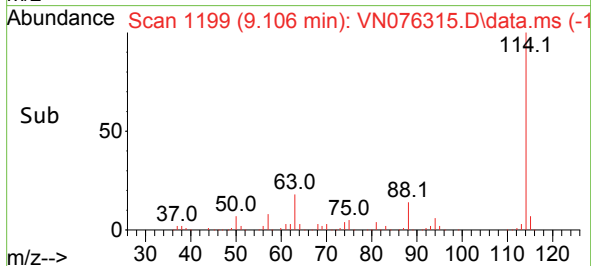
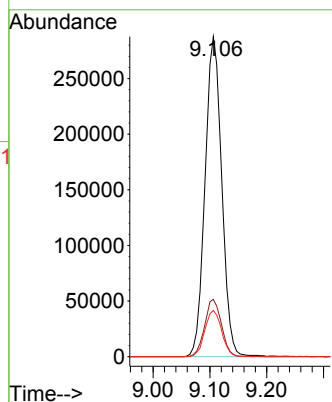
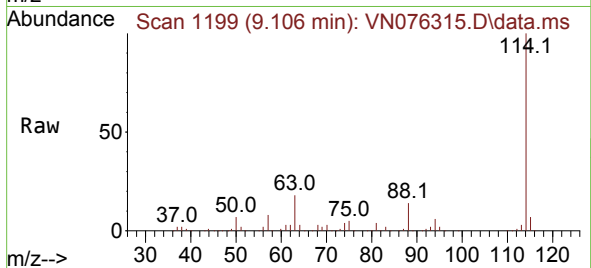
Tgt Ion:114 Resp: 586293

Ion Ratio Lower Upper

114 100

63 17.9 0.0 35.8

88 14.5 0.0 28.0



#35

Dibromofluoromethane

Concen: 47.536 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

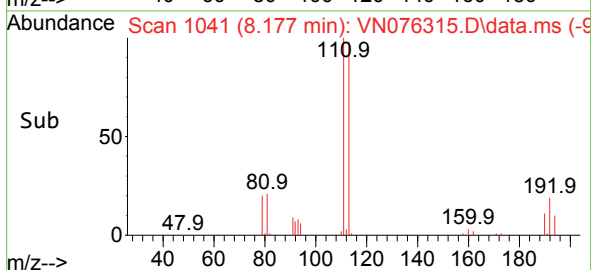
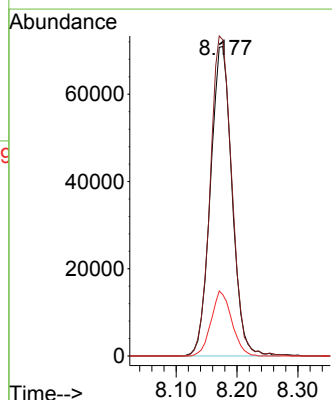
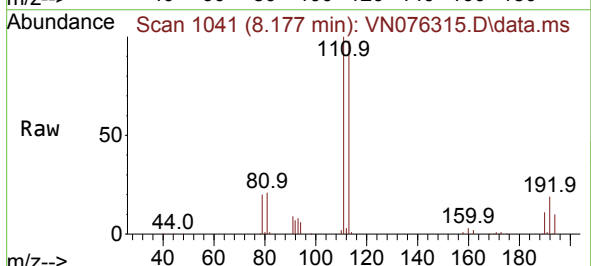
Tgt Ion:113 Resp: 174337

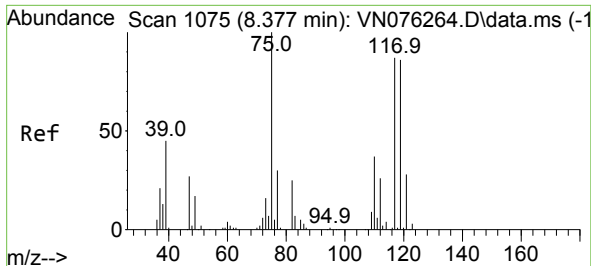
Ion Ratio Lower Upper

113 100

111 103.1 82.7 124.1

192 20.0 15.6 23.4





#36

1,1-Dichloropropene

Concen: 5.044 ug/l

RT: 8.236 min Scan# 1

Delta R.T. -0.142 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

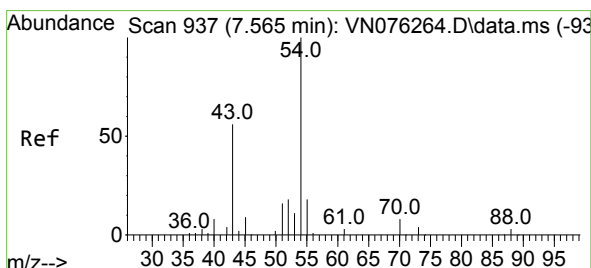
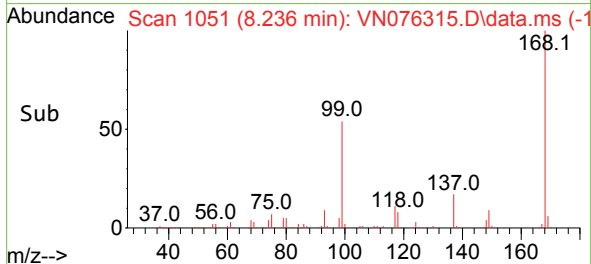
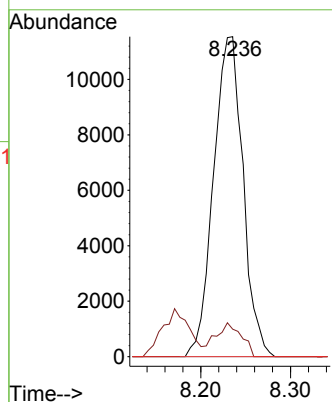
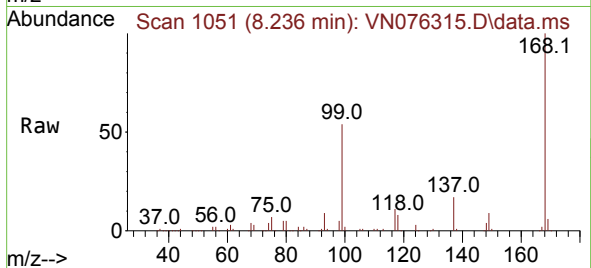
Tgt Ion: 75 Resp: 26284

Ion Ratio Lower Upper

75 100

110 9.5 18.8 56.3#

77 0.0 25.0 37.4#



#37

Ethyl Acetate

Concen: 0.618 ug/l

RT: 7.583 min Scan# 940

Delta R.T. 0.018 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

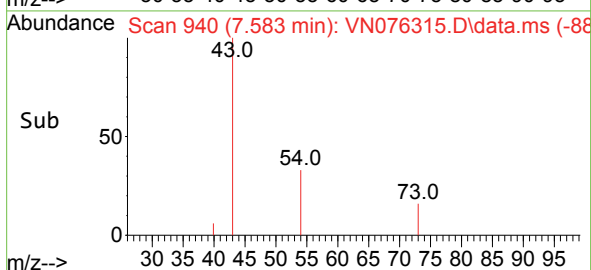
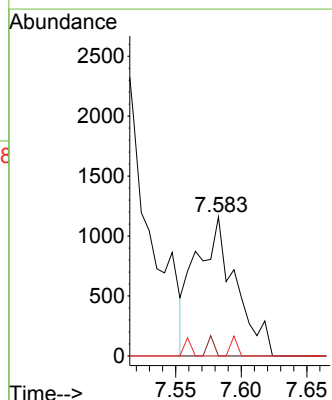
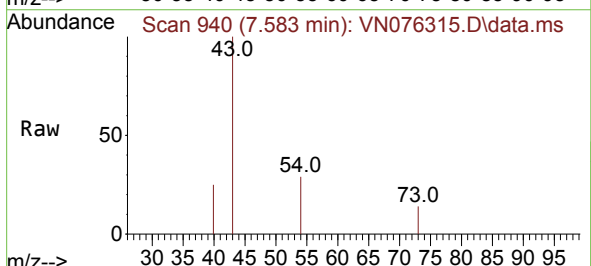
Tgt Ion: 43 Resp: 2431

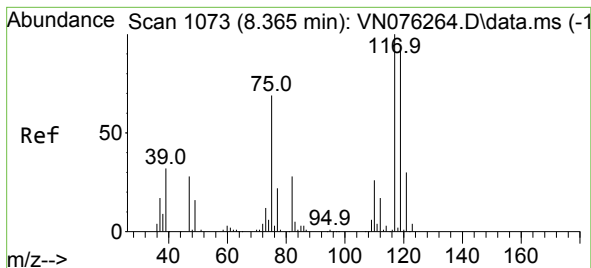
Ion Ratio Lower Upper

43 100

61 2.5 11.1 16.7#

70 2.4 10.0 15.0#





#38

Carbon Tetrachloride

Concen: 6.273 ug/l

RT: 8.236 min Scan# 1051

Delta R.T. -0.130 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

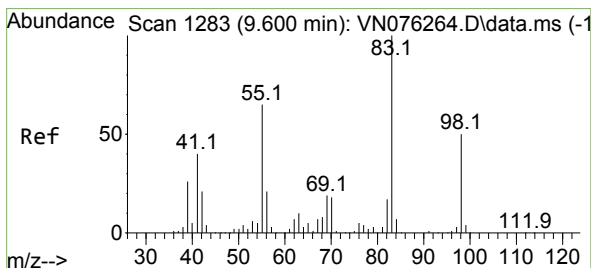
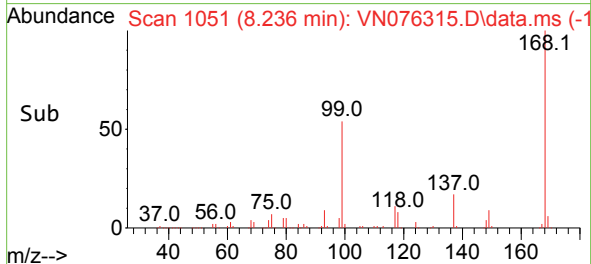
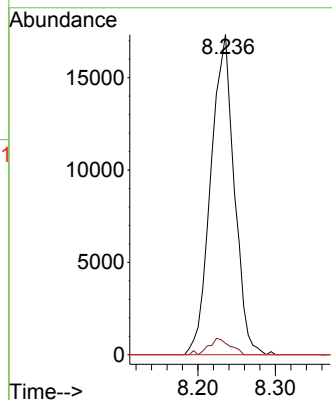
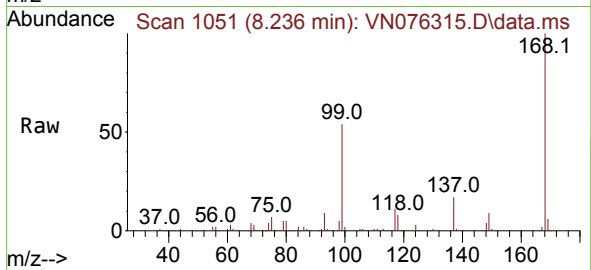
Tgt Ion:117 Resp: 36457

Ion Ratio Lower Upper

117 100

119 3.5 75.4 113.0#

121 0.0 24.2 36.2#



#39

Methylcyclohexane

Concen: 3.052 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

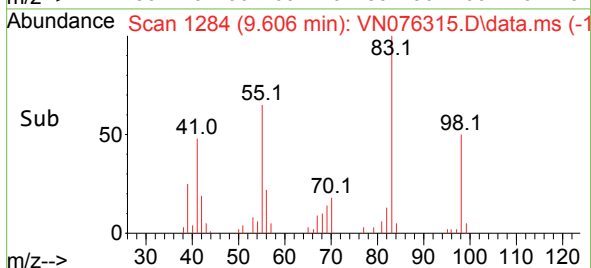
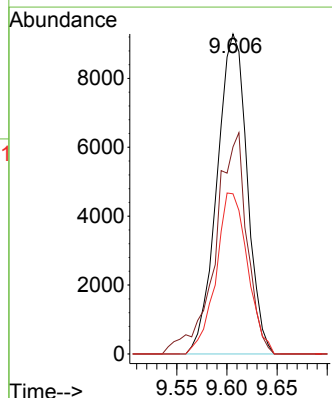
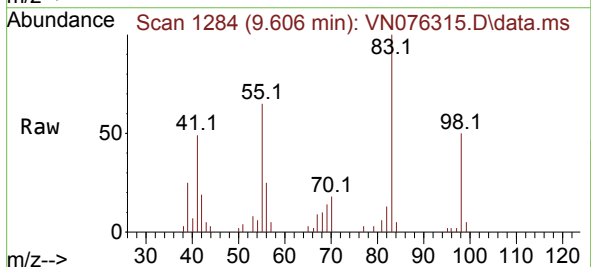
Tgt Ion: 83 Resp: 19424

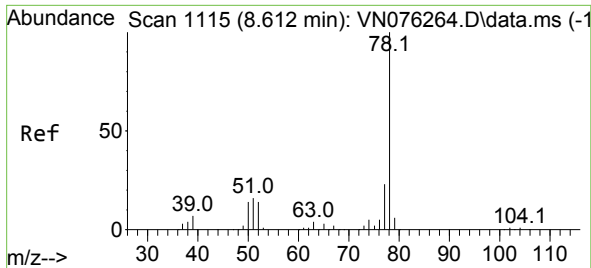
Ion Ratio Lower Upper

83 100

55 64.7 51.7 77.5

98 50.1 40.0 60.0

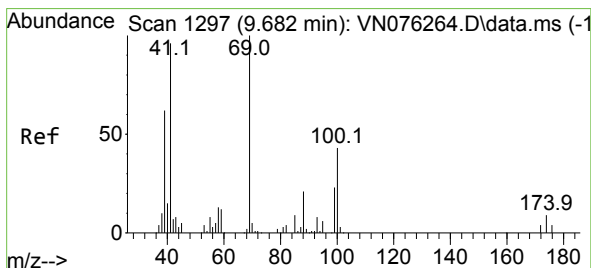
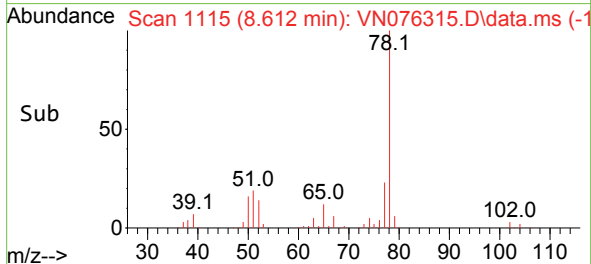
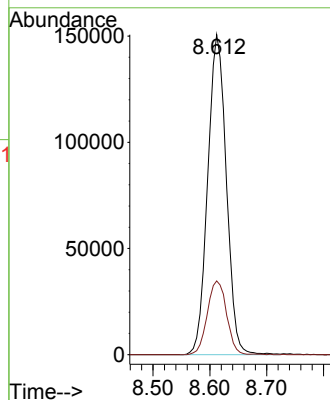
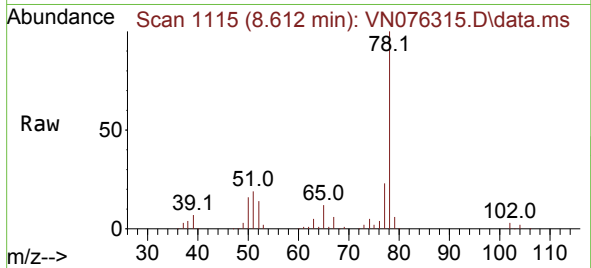




#40
Benzene
Concen: 21.973 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

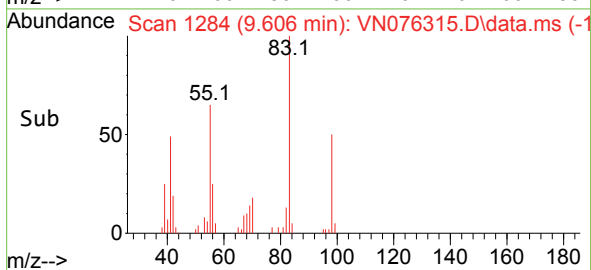
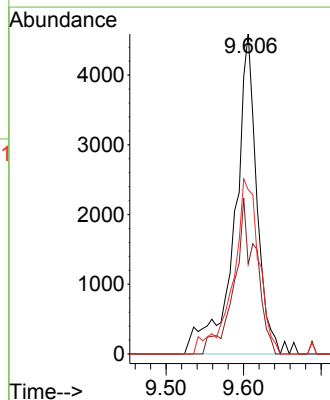
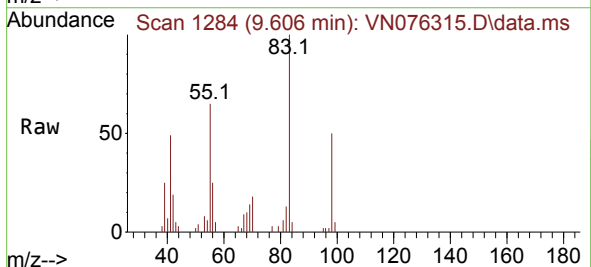
Instrument :
MSVOA_N
ClientSampleId :
33894

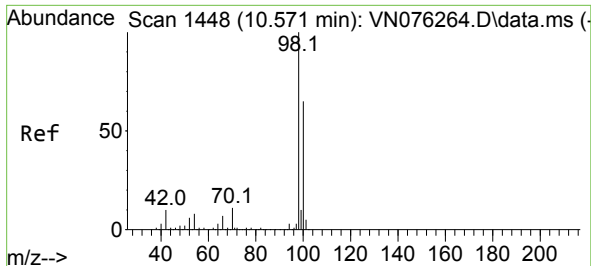
Tgt Ion: 78 Resp: 342400
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



#48
Methyl methacrylate
Concen: 2.823 ug/l
RT: 9.606 min Scan# 1284
Delta R.T. -0.076 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 41 Resp: 9088
Ion Ratio Lower Upper
41 100
69 48.4 80.8 121.2#
39 64.3 54.4 81.6

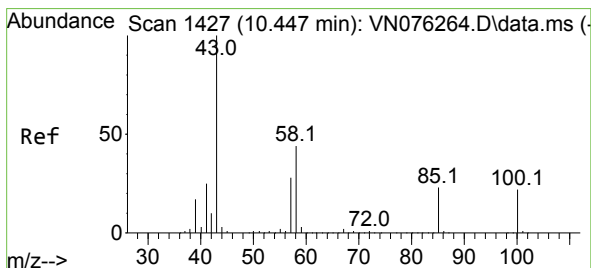
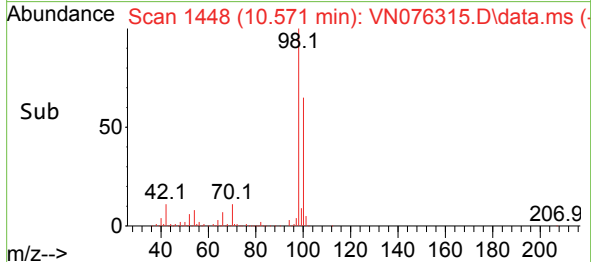
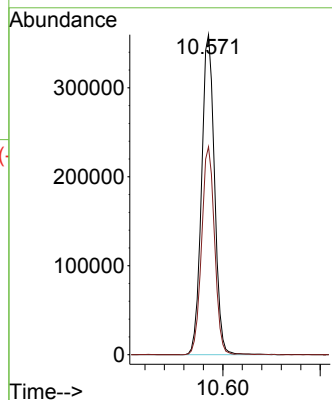
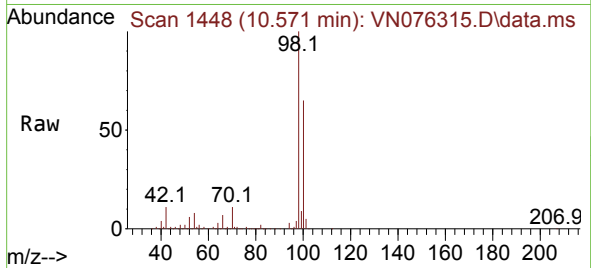




#50
Toluene-d8
Concen: 49.089 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

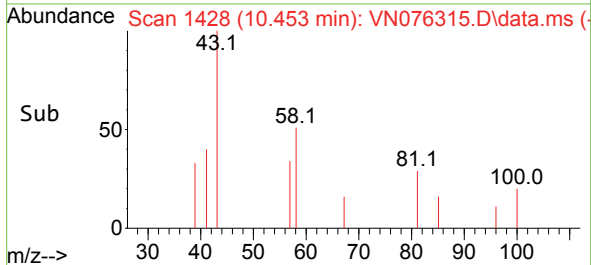
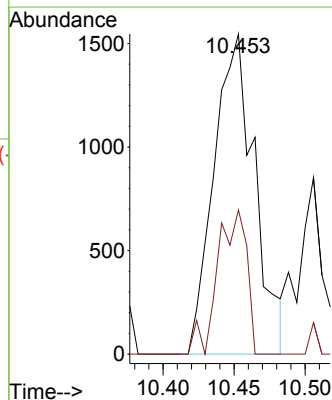
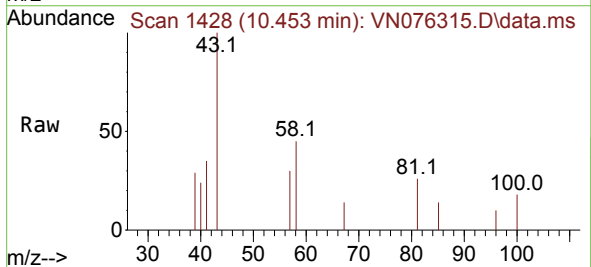
Instrument :
MSVOA_N
ClientSampleId :
33894

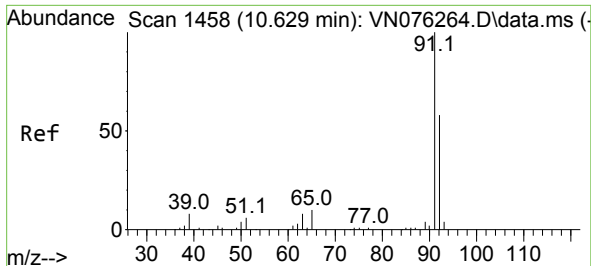
Tgt Ion: 98 Resp: 664881
Ion Ratio Lower Upper
98 100
100 64.9 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.769 ug/l
RT: 10.453 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 43 Resp: 3070
Ion Ratio Lower Upper
43 100
58 32.2 35.1 52.7#

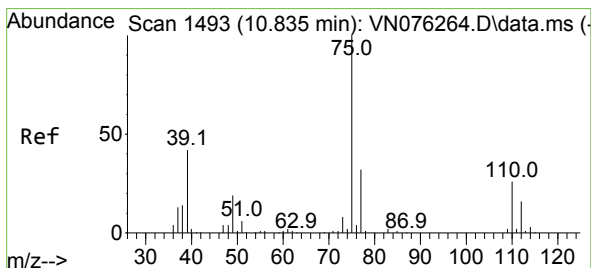
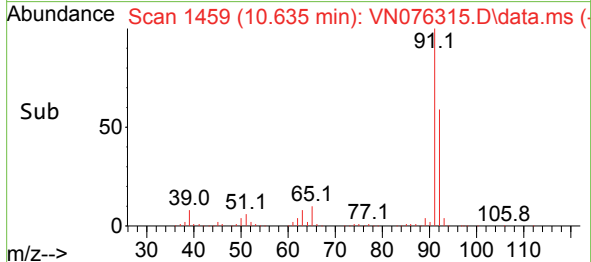
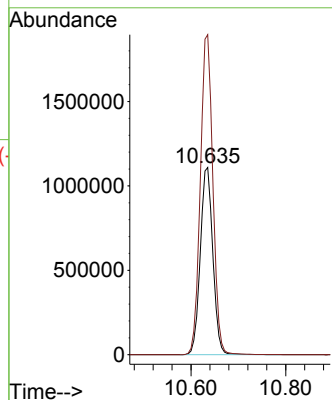
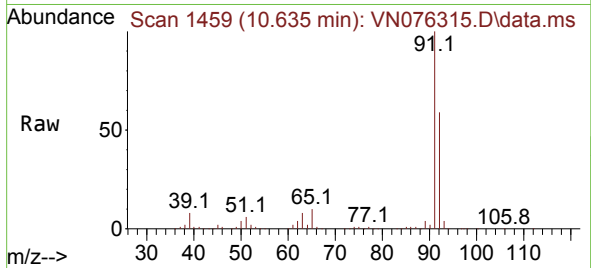




#52
Toluene
Concen: 195.320 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

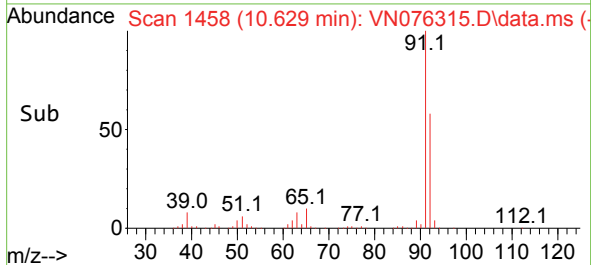
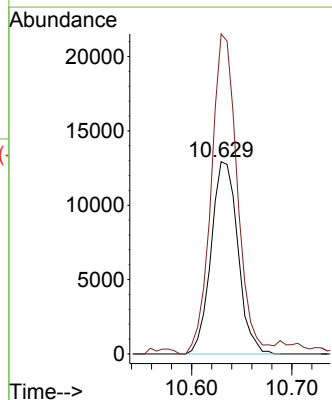
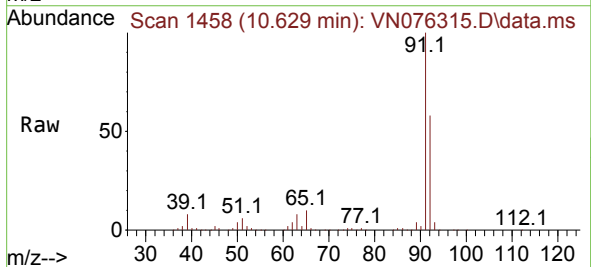
Instrument :
MSVOA_N
ClientSampleId :
33894

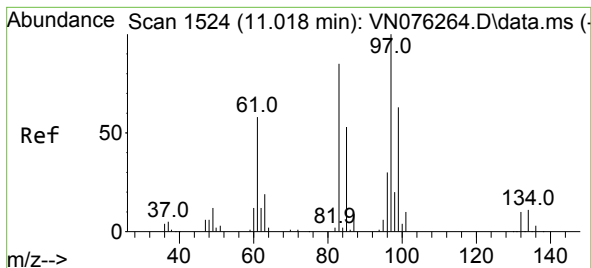
Tgt Ion: 92 Resp: 2035414
Ion Ratio Lower Upper
92 100
91 170.9 136.6 205.0



#53
t-1,3-Dichloropropene
Concen: 4.603 ug/l
RT: 10.629 min Scan# 1458
Delta R.T. -0.206 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

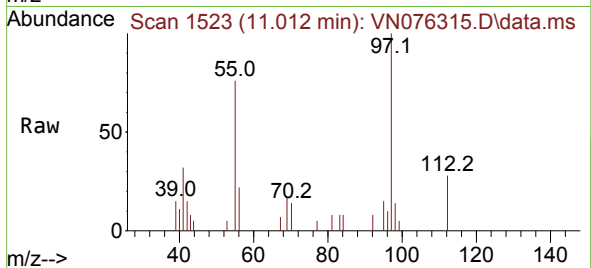
Tgt Ion: 75 Resp: 23972
Ion Ratio Lower Upper
75 100
77 166.4 25.8 38.6#



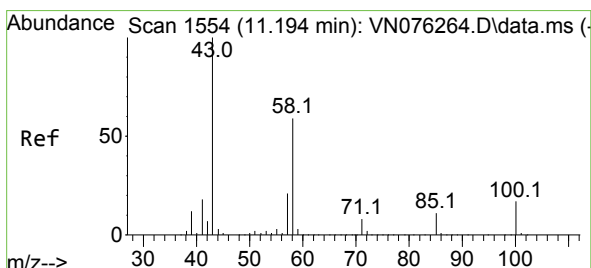
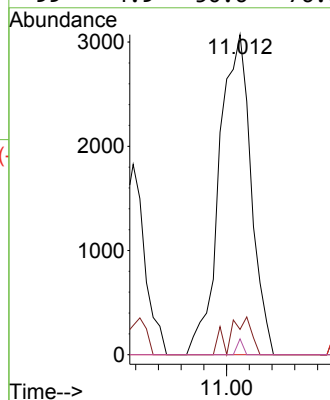
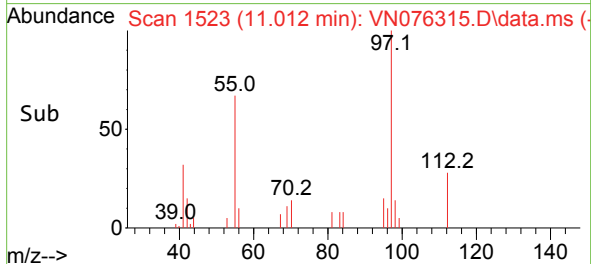


#55
1,1,2-Trichloroethane
Concen: 1.494 ug/l
RT: 11.012 min Scan# 1523
Delta R.T. -0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Instrument :
MSVOA_N
ClientSampleId :
33894

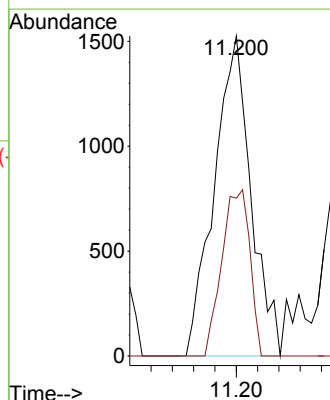
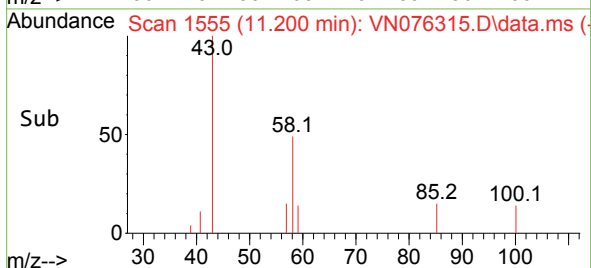
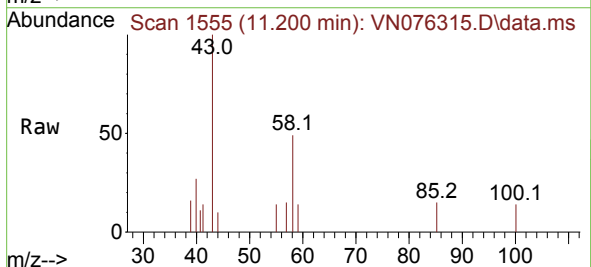


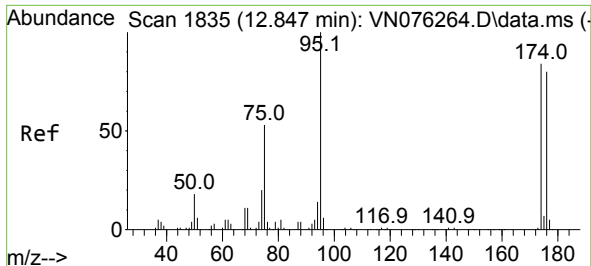
Tgt Ion: 97 Resp: 5950
Ion Ratio Lower Upper
97 100
83 7.9 67.8 101.6#
85 0.0 42.3 63.5#
99 4.9 50.6 76.0#



#59
2-Hexanone
Concen: 1.263 ug/l
RT: 11.200 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 43 Resp: 3653
Ion Ratio Lower Upper
43 100
58 39.6 30.1 90.3

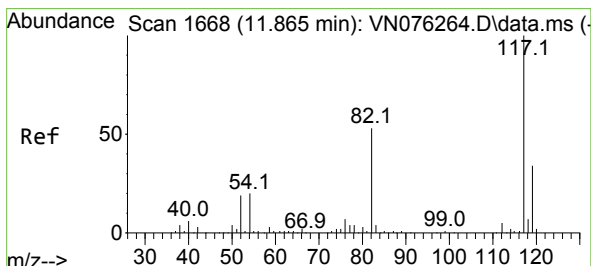
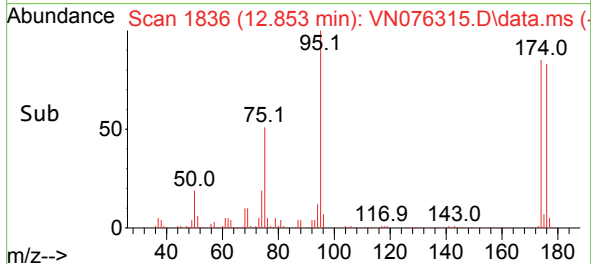
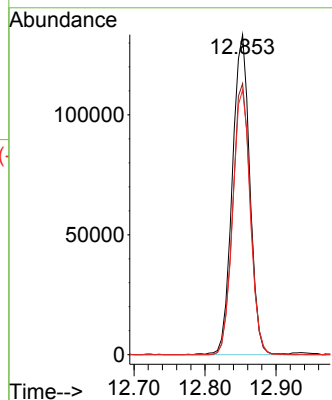
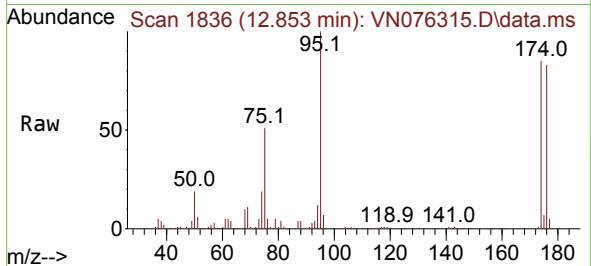




#62
4-Bromofluorobenzene
Concen: 51.610 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

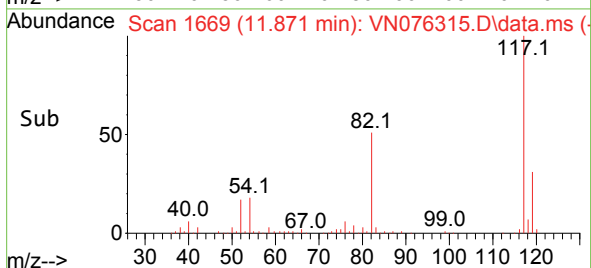
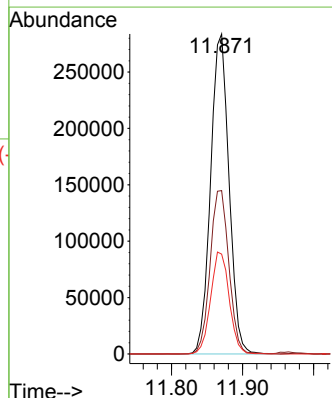
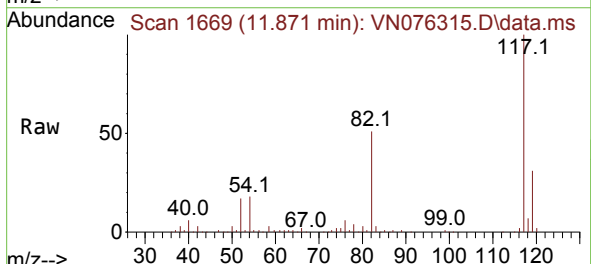
Instrument :
MSVOA_N
ClientSampleId :
33894

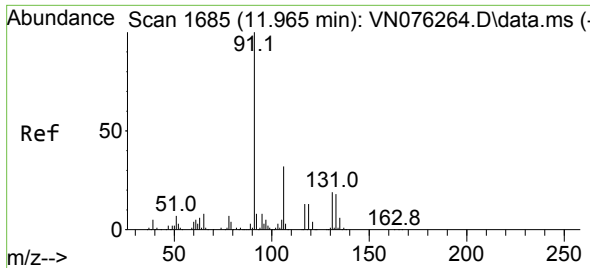
Tgt Ion: 95 Resp: 228203
Ion Ratio Lower Upper
95 100
174 85.1 0.0 174.6
176 83.0 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 117 Resp: 510192
Ion Ratio Lower Upper
117 100
82 51.0 42.2 63.2
119 31.2 26.9 40.3

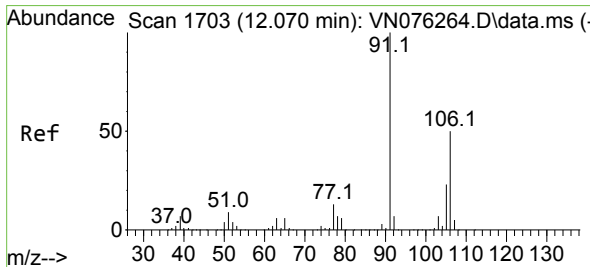
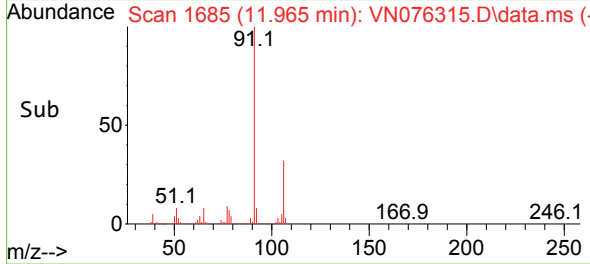
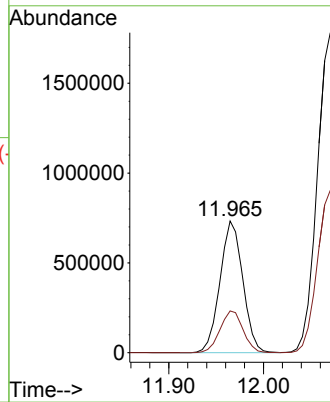
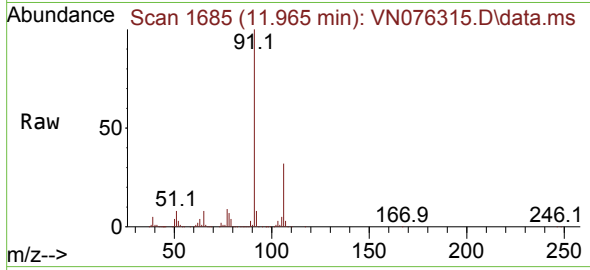




#67
Ethyl Benzene
Concen: 66.620 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

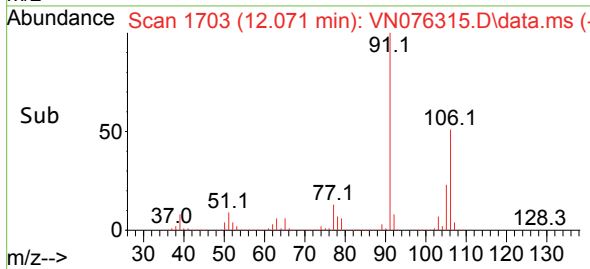
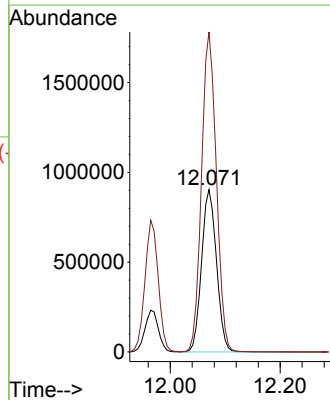
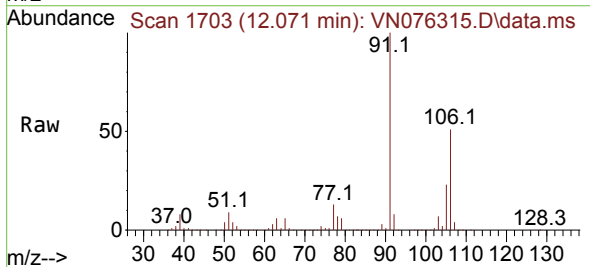
Instrument :
MSVOA_N
ClientSampleId :
33894

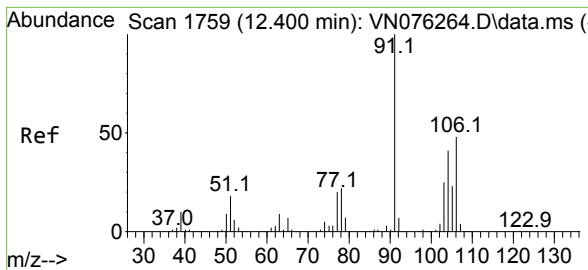
Tgt Ion: 91 Resp: 1229667
Ion Ratio Lower Upper
91 100
106 31.8 25.5 38.3



#68
m/p-Xylenes
Concen: 230.071 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion:106 Resp: 1702843
Ion Ratio Lower Upper
106 100
91 195.8 157.5 236.3

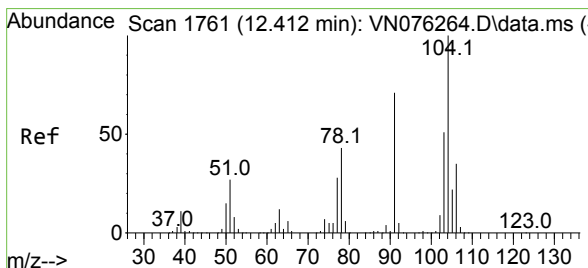
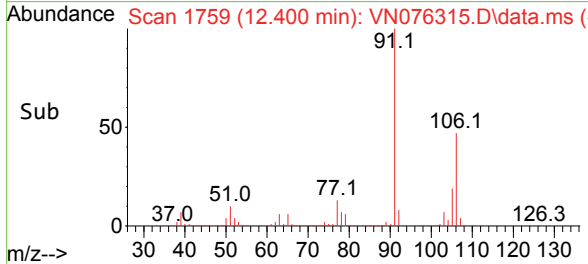
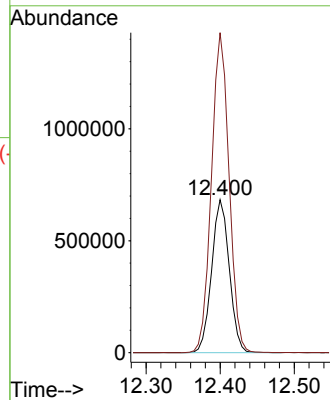
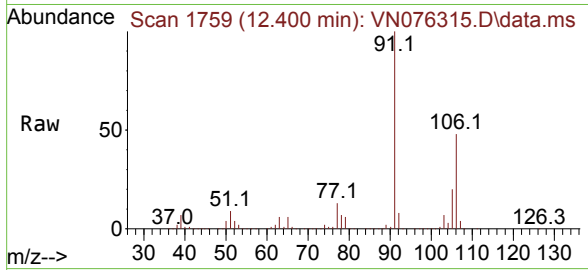




#69
o-Xylene
Concen: 155.617 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

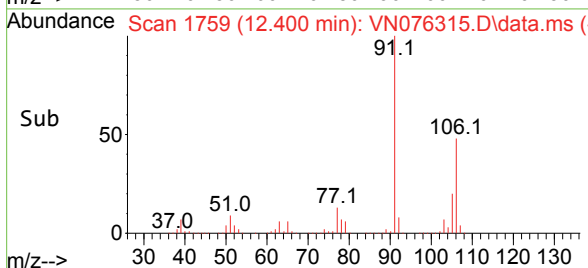
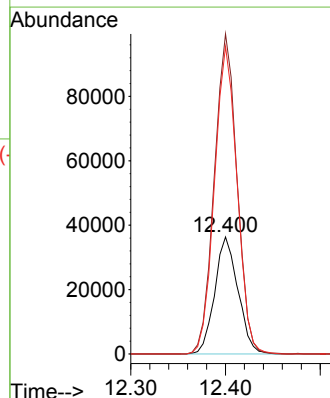
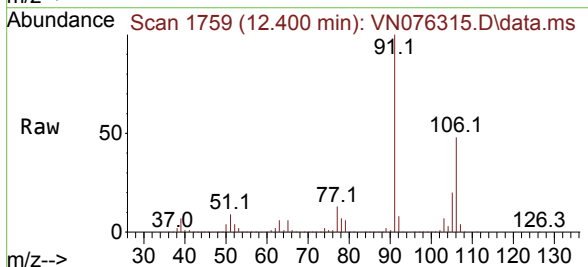
Instrument :
MSVOA_N
ClientSampleId :
33894

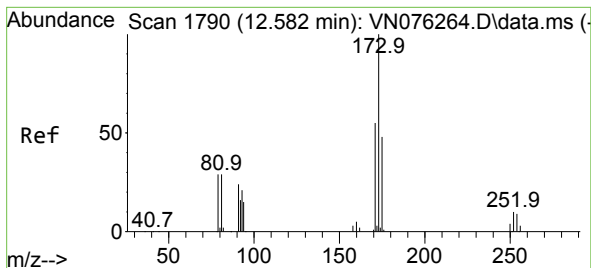
Tgt Ion:106 Resp: 1131093
Ion Ratio Lower Upper
106 100
91 208.9 103.2 309.4



#70
Styrene
Concen: 5.335 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.012 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion:104 Resp: 61916
Ion Ratio Lower Upper
104 100
78 266.8 37.4 56.0#
103 256.1 44.2 66.2#





#71

Bromoform

Concen: 0.580 ug/l

RT: 12.847 min Scan# 1835

Delta R.T. 0.265 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

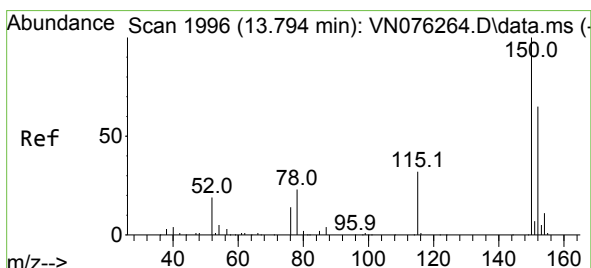
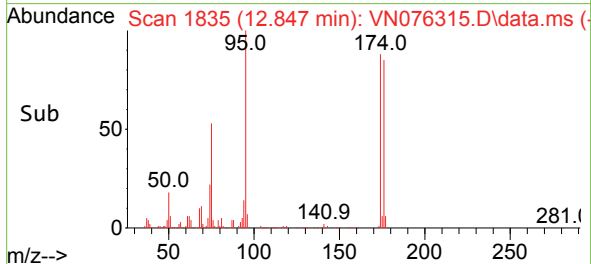
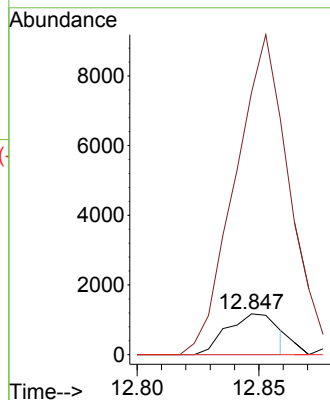
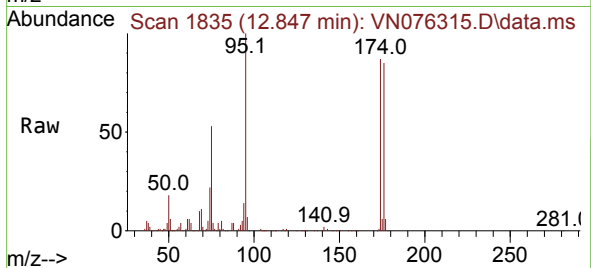
Tgt Ion:173 Resp: 1681

Ion Ratio Lower Upper

173 100

175 707.6 24.1 72.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 1996

Delta R.T. -0.000 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

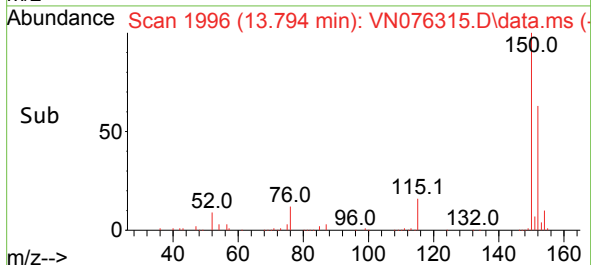
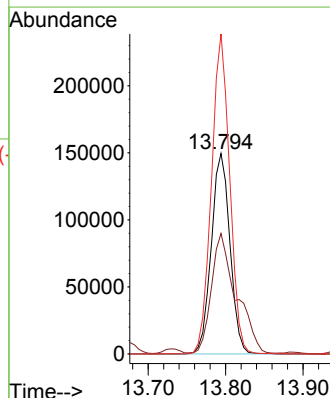
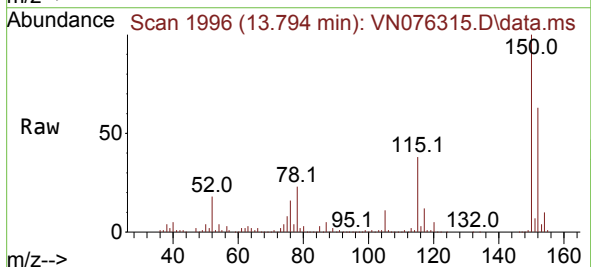
Tgt Ion:152 Resp: 250191

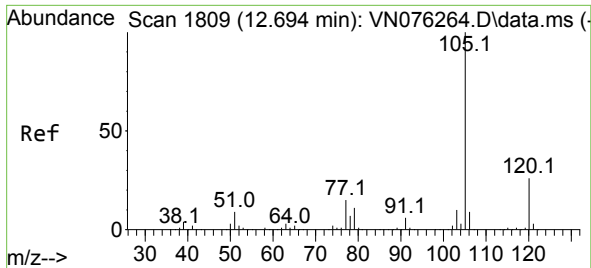
Ion Ratio Lower Upper

152 100

115 79.1 29.6 88.9

150 155.7 0.0 351.4

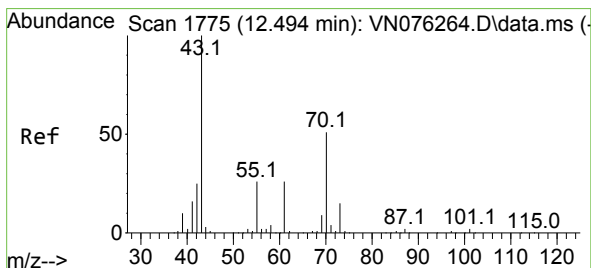
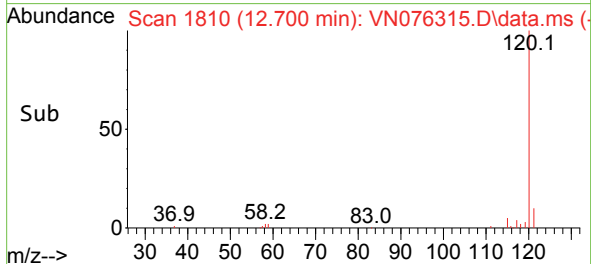
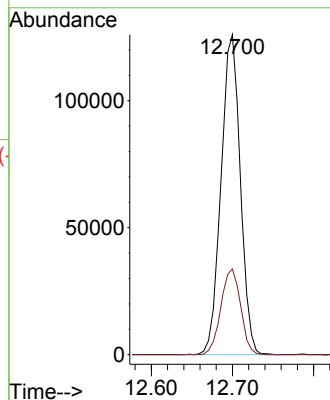
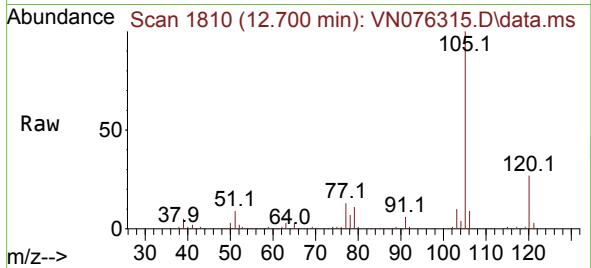




#73
Isopropylbenzene
Concen: 10.748 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

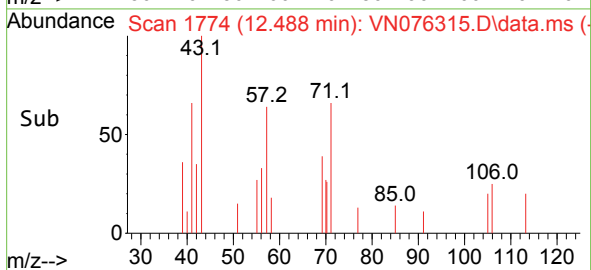
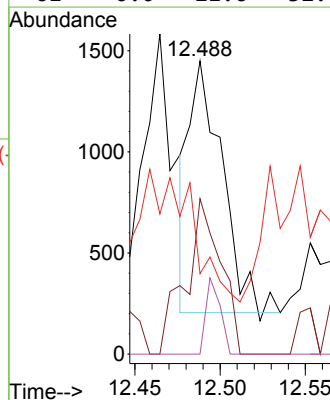
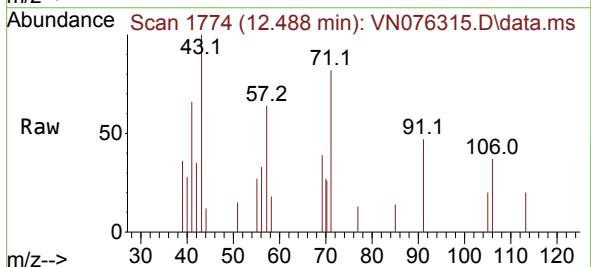
Instrument :
MSVOA_N
ClientSampleId :
33894

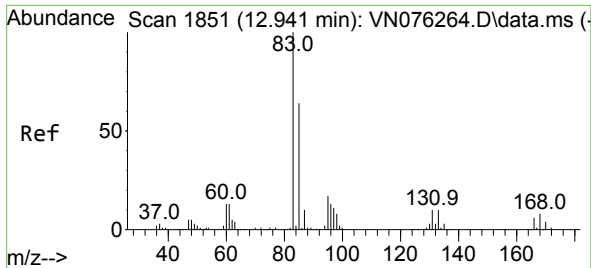
Tgt Ion:105 Resp: 208031
Ion Ratio Lower Upper
105 100
120 27.3 13.4 40.1



#74
N-ethyl acetate
Concen: 0.303 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
70 65.3 41.2 61.8#
55 0.0 21.0 31.6#
61 0.0 21.6 32.4#

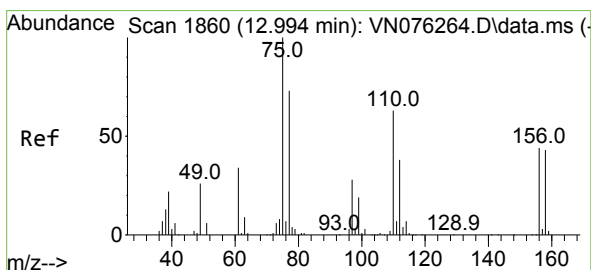
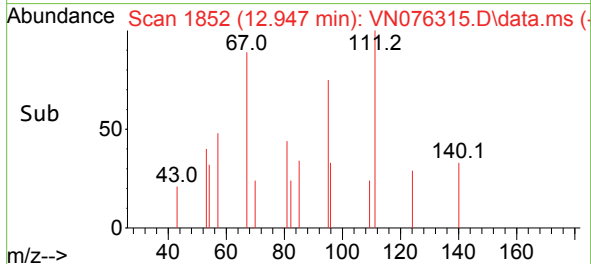
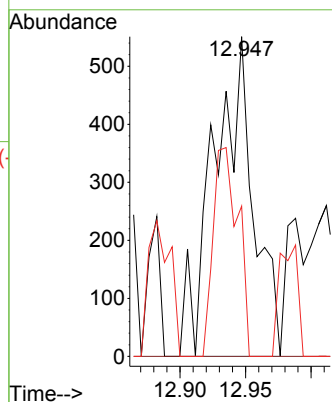
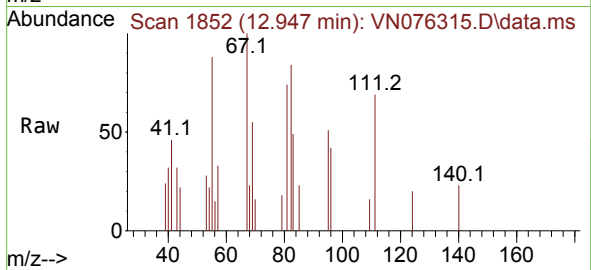




#75
 1,1,2,2-Tetrachloroethane
 Concen: 0.209 ug/l
 RT: 12.947 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

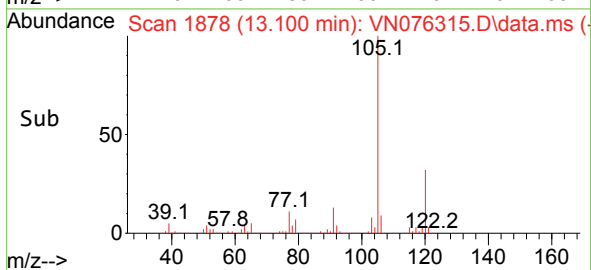
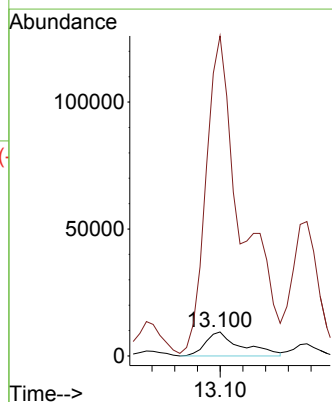
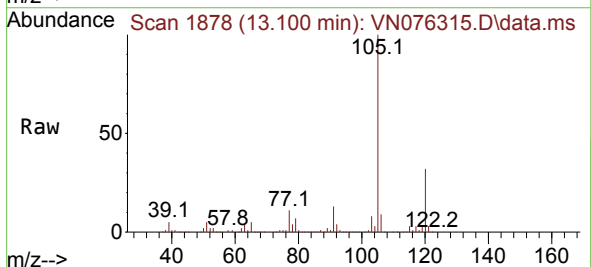
Instrument :
 MSVOA_N
 ClientSampleId :
 33894

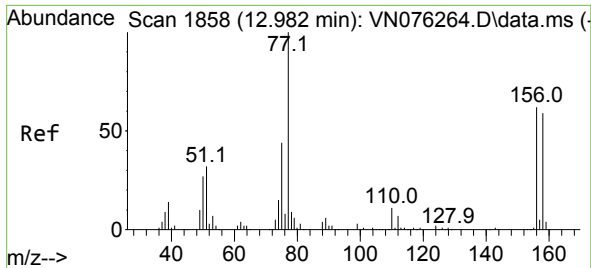
Tgt Ion: 83 Resp: 1162
 Ion Ratio Lower Upper
 83 100
 131 0.0 5.5 16.4#
 85 41.0 31.7 95.1



#76
 1,2,3-Trichloropropane
 Concen: 3.668 ug/l
 RT: 13.100 min Scan# 1878
 Delta R.T. 0.106 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Tgt Ion: 75 Resp: 20720
 Ion Ratio Lower Upper
 75 100
 77 1038.4 75.2 225.6#

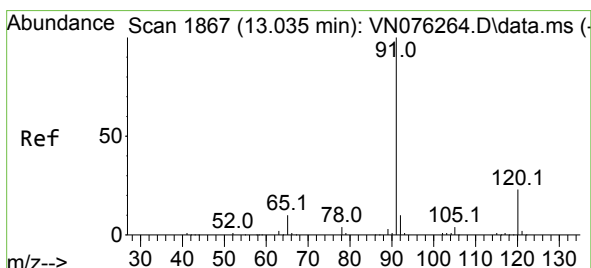
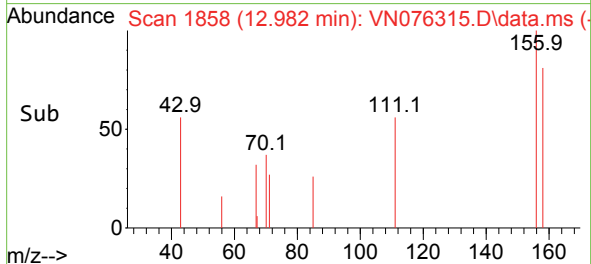
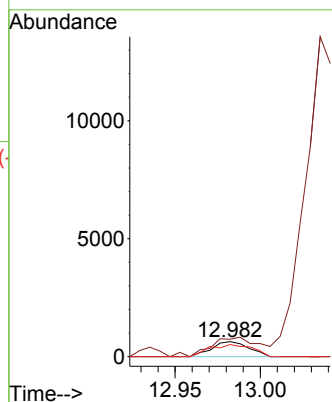
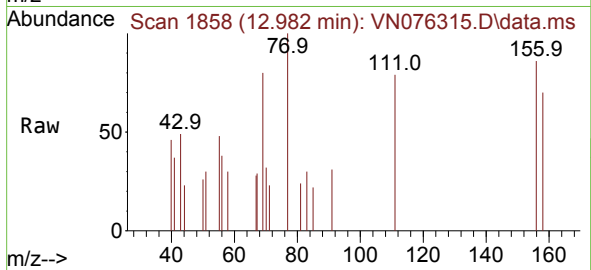




#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

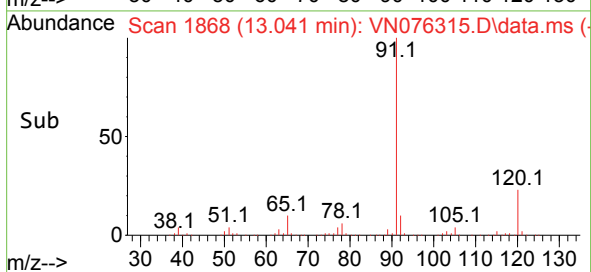
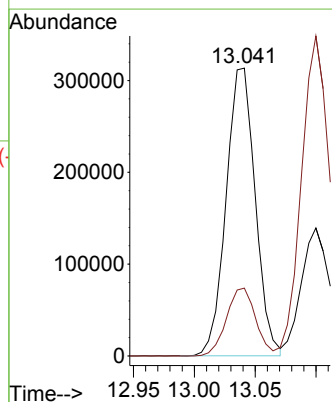
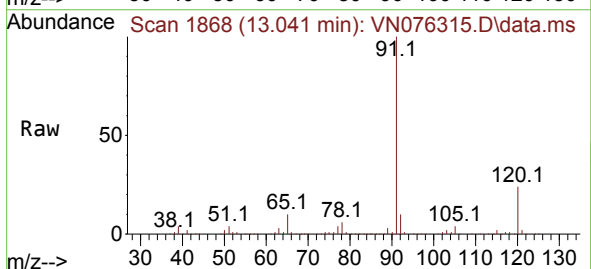
Instrument :
MSVOA_N
ClientSampleId :
33894

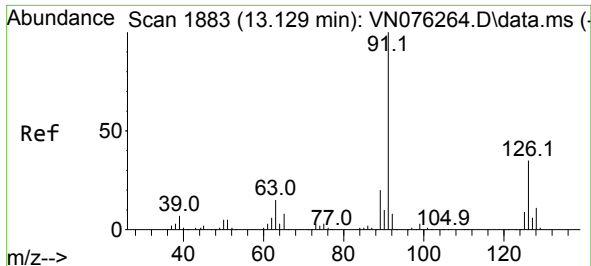
Tgt Ion:156 Resp: 975
Ion Ratio Lower Upper
156 100
77 0.0 93.4 280.2#
158 94.3 48.4 145.2



#78
n-propylbenzene
Concen: 23.889 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 91 Resp: 521698
Ion Ratio Lower Upper
91 100
120 23.6 11.9 35.5

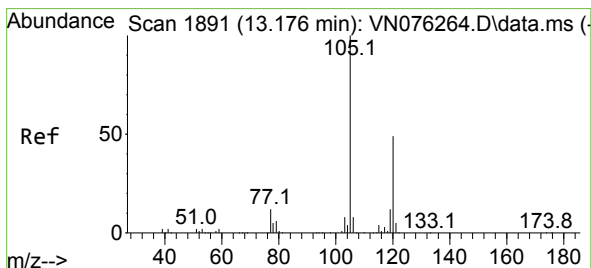
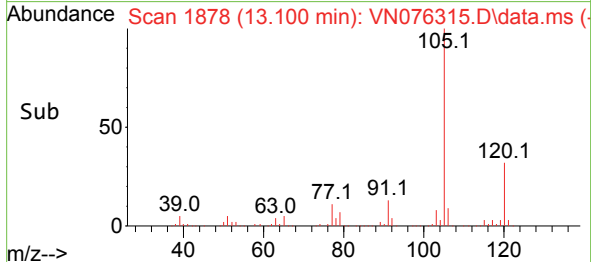
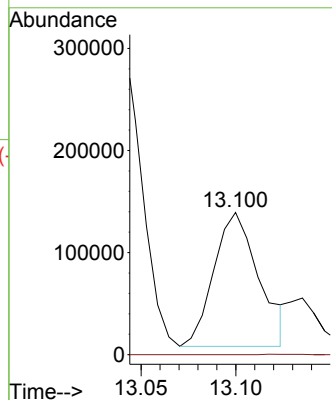
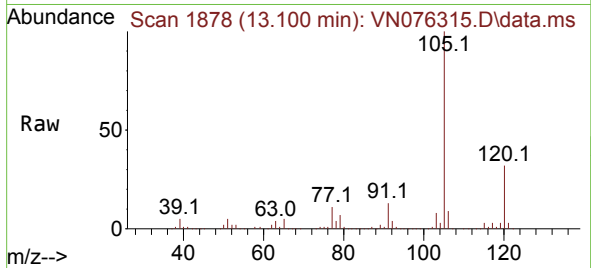




#79
2-Chlorotoluene
Concen: 16.212 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

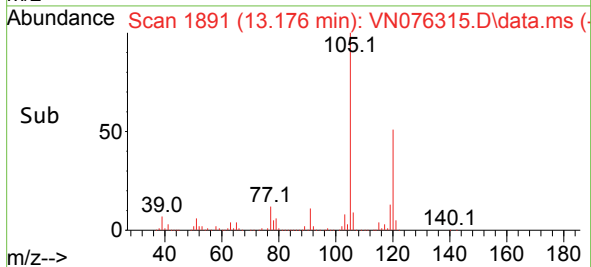
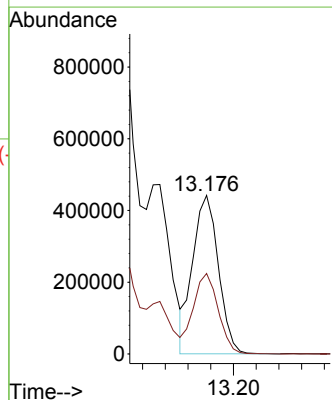
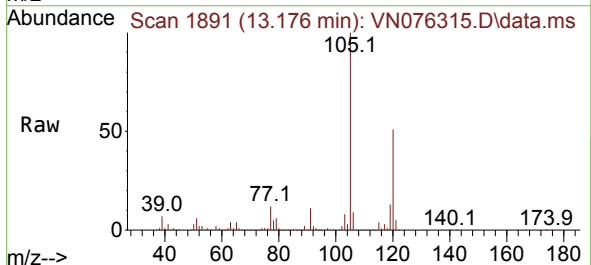
Instrument :
MSVOA_N
ClientSampleId :
33894

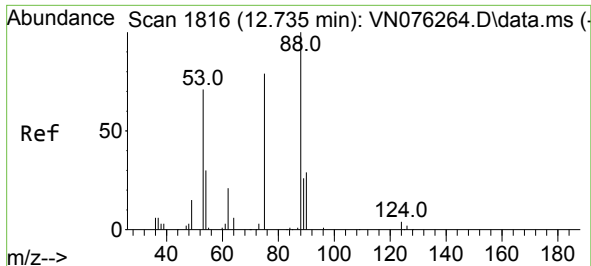
Tgt Ion: 91 Resp: 217258
Ion Ratio Lower Upper
91 100
126 0.3 17.4 52.2#



#80
1,3,5-Trimethylbenzene
Concen: 42.661 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 105 Resp: 691733
Ion Ratio Lower Upper
105 100
120 49.6 25.0 75.0

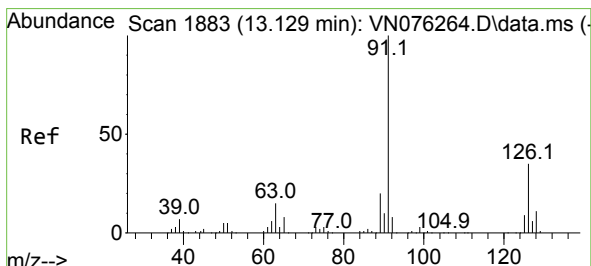
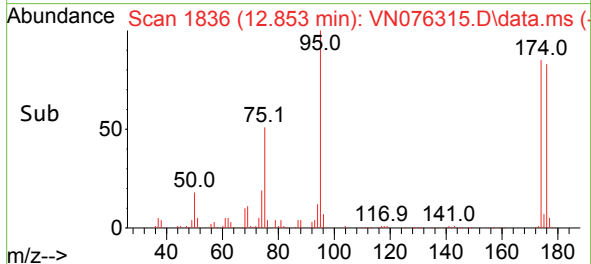
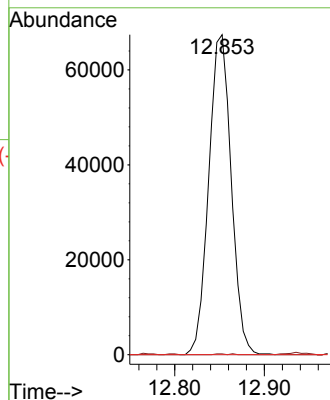
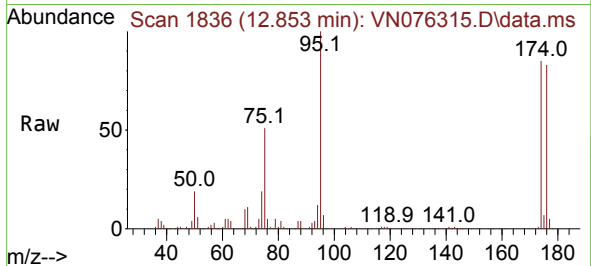




#81
trans-1,4-Dichloro-2-butene
Concen: 78.045 ug/l
RT: 12.853 min Scan# 117356
Delta R.T. 0.118 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

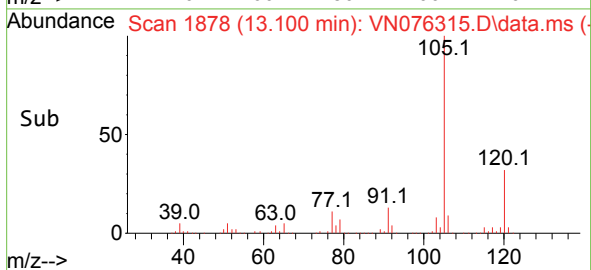
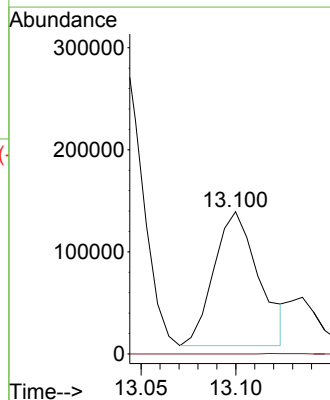
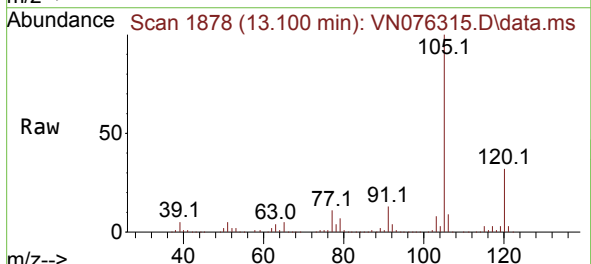
Instrument :
MSVOA_N
ClientSampleId :
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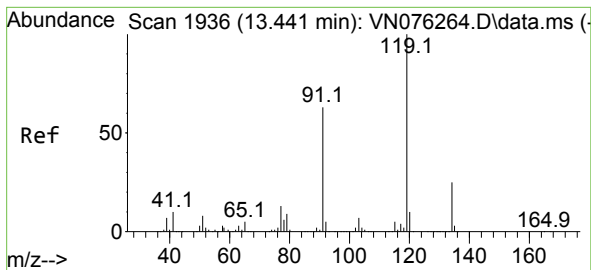
Tgt Ion: 75 Resp: 117356
Ion Ratio Lower Upper
75 100
53 0.1 75.8 113.8#
89 0.0 37.0 55.6#



#82
4-Chlorotoluene
Concen: 16.212 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076315.D
Acq: 19 Jan 2023 12:07

Tgt Ion: 91 Resp: 217258
Ion Ratio Lower Upper
91 100
126 0.3 17.4 52.2#

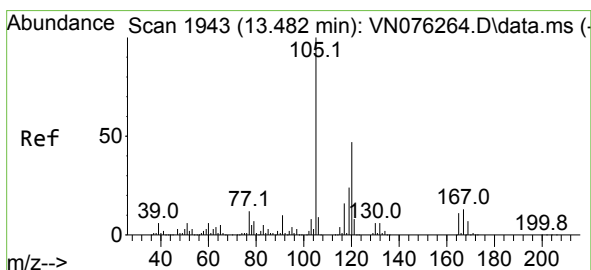
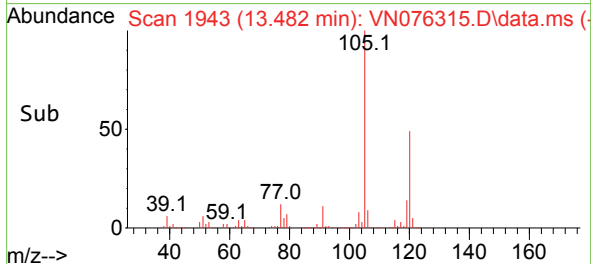
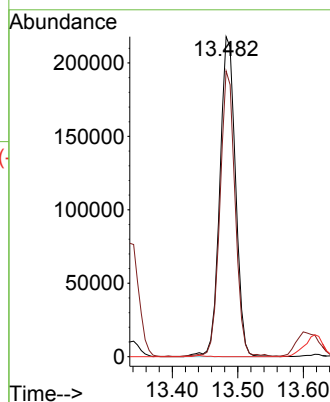
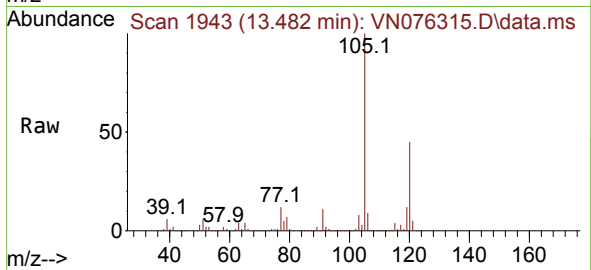




#83
 tert-Butylbenzene
 Concen: 25.042 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.041 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

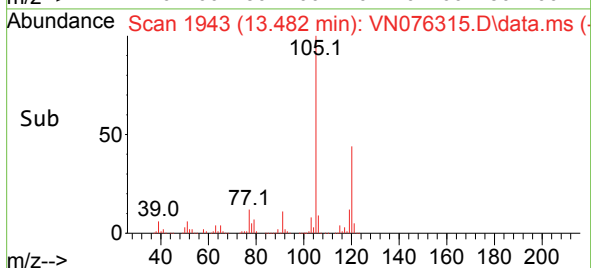
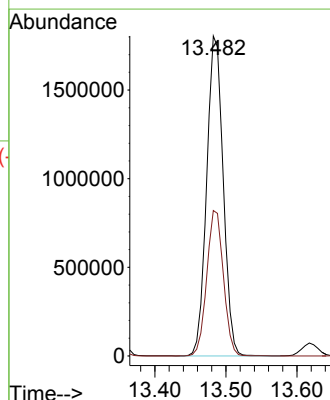
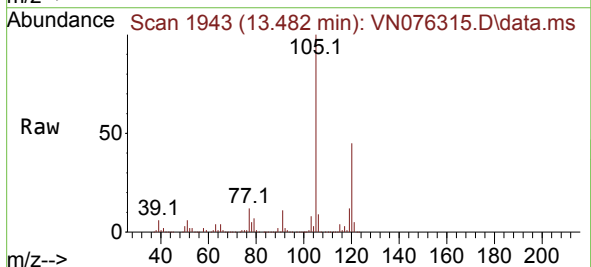
Instrument :
 MSVOA_N
 ClientSampleId :
 33894

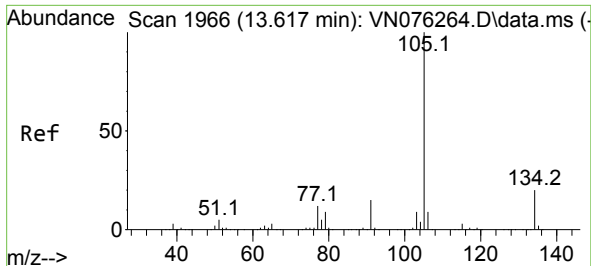
Tgt Ion:119 Resp: 361146
 Ion Ratio Lower Upper
 119 100
 91 86.2 32.2 96.6
 134 0.0 13.6 40.8#



#84
 1,2,4-Trimethylbenzene
 Concen: 179.752 ug/l
 RT: 13.482 min Scan# 1943
 Delta R.T. 0.000 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Tgt Ion:105 Resp: 2922589
 Ion Ratio Lower Upper
 105 100
 120 45.8 22.9 68.5

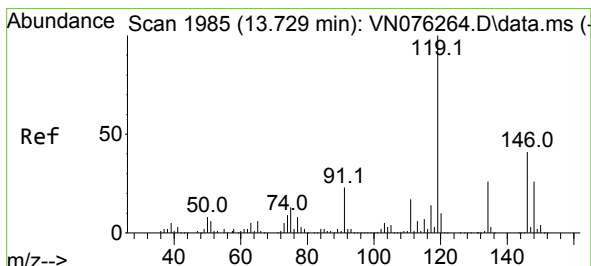
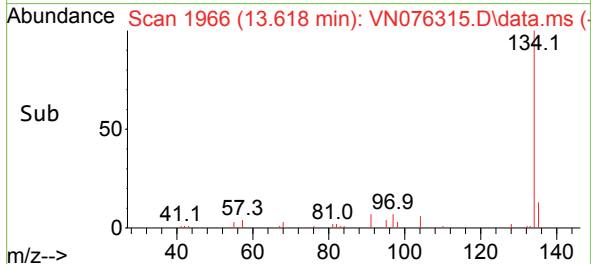
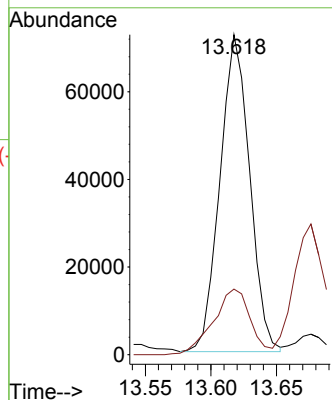
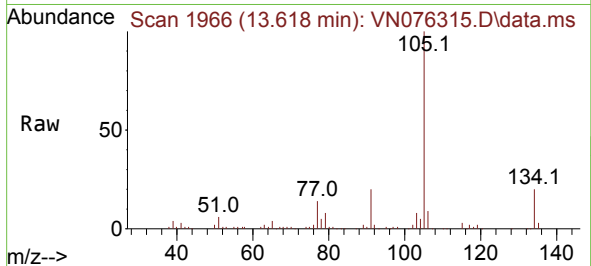




#85
 sec-Butylbenzene
 Concen: 5.693 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

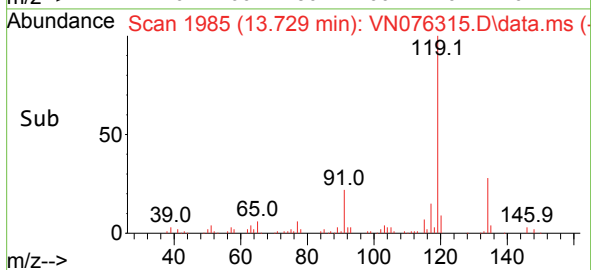
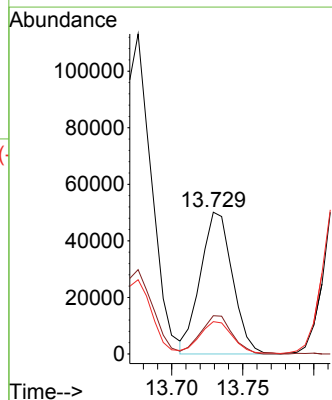
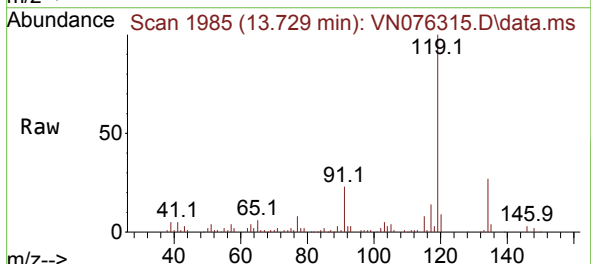
Instrument :
 MSVOA_N
 ClientSampleId :
 33894

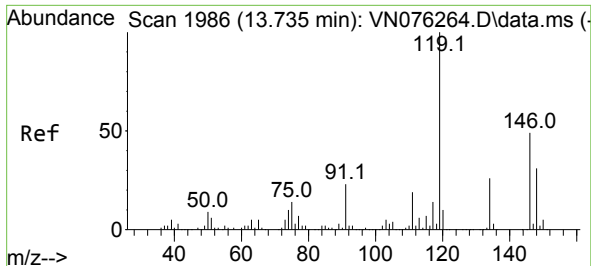
Tgt Ion:105 Resp: 113930
 Ion Ratio Lower Upper
 105 100
 134 25.9 10.3 30.8



#86
 p-Isopropyltoluene
 Concen: 4.790 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Tgt Ion:119 Resp: 78826
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.2 39.6
 91 22.6 11.8 35.3

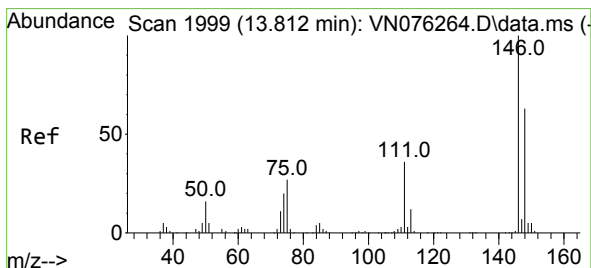
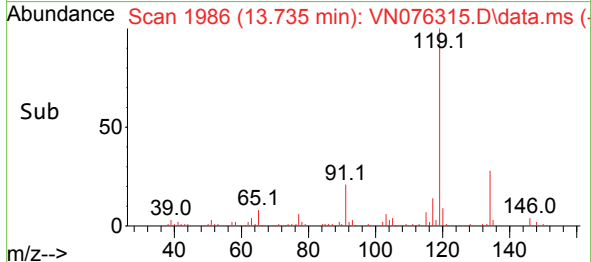
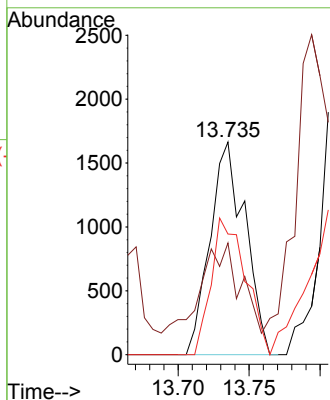
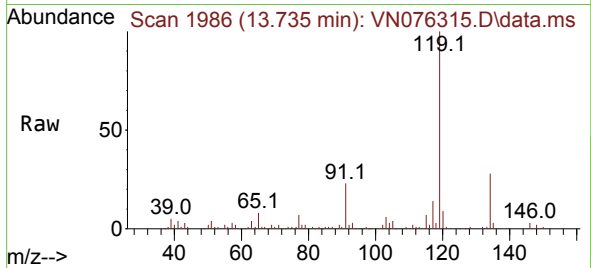




#87
 1,3-Dichlorobenzene
 Concen: 0.313 ug/l
 RT: 13.735 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

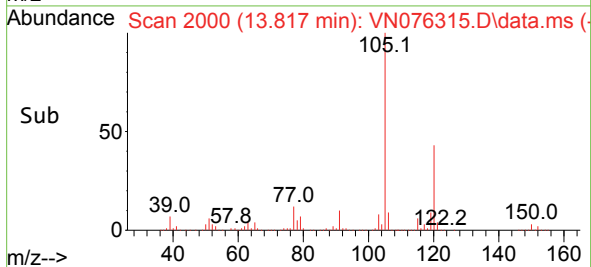
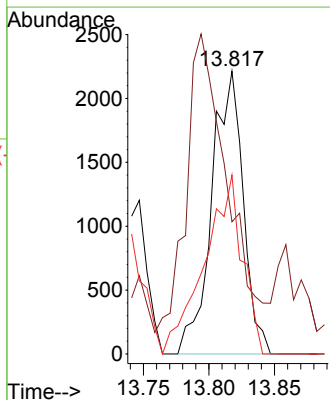
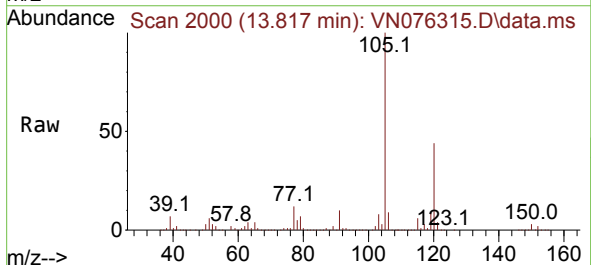
Instrument :
 MSVOA_N
 ClientSampleId :
 33894

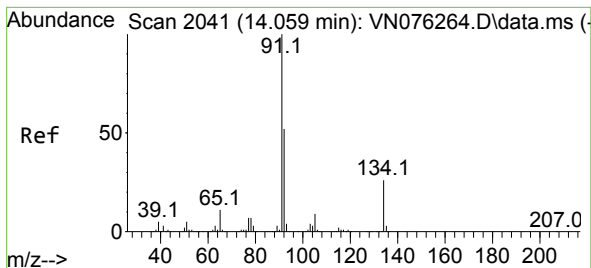
Tgt Ion:146 Resp: 2853
 Ion Ratio Lower Upper
 146 100
 111 45.9 19.9 59.7
 148 62.8 31.6 94.8



#88
 1,4-Dichlorobenzene
 Concen: 0.526 ug/l
 RT: 13.817 min Scan# 2000
 Delta R.T. 0.005 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Tgt Ion:146 Resp: 3691
 Ion Ratio Lower Upper
 146 100
 111 0.0 19.1 57.5#
 148 76.5 31.9 95.9





#89

n-Butylbenzene

Concen: 8.835 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

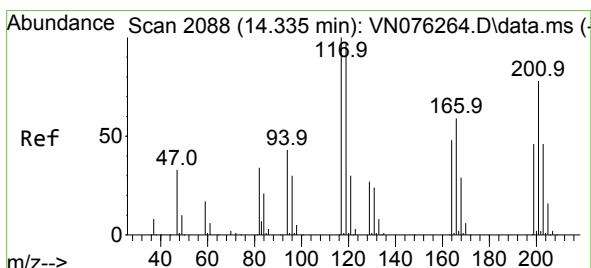
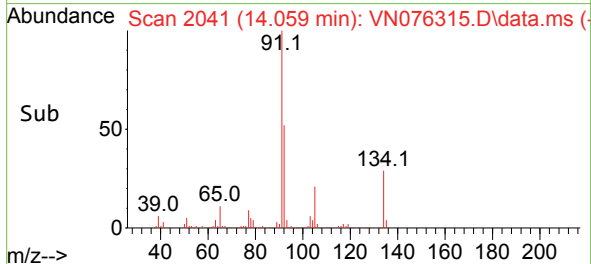
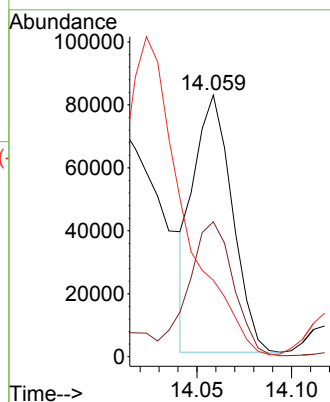
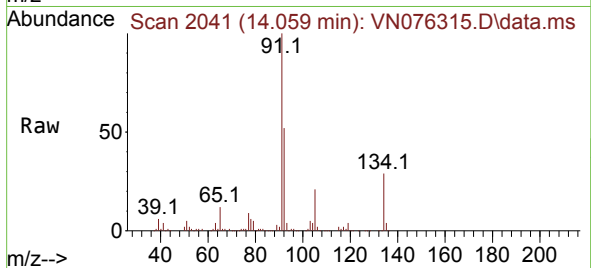
Tgt Ion: 91 Resp: 115408

Ion Ratio Lower Upper

91 100

92 60.2 26.3 78.9

134 0.0 13.2 39.5#



#90

Hexachloroethane

Concen: 16.244 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076315.D

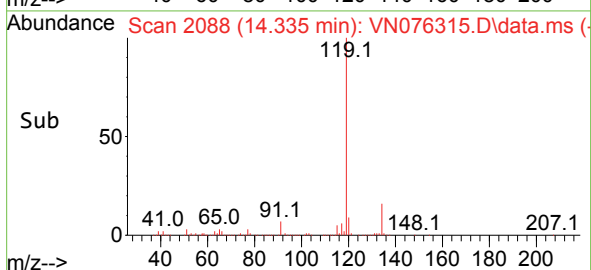
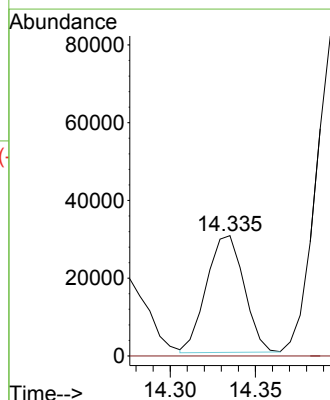
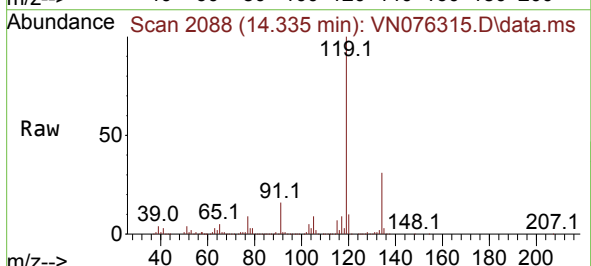
Acq: 19 Jan 2023 12:07

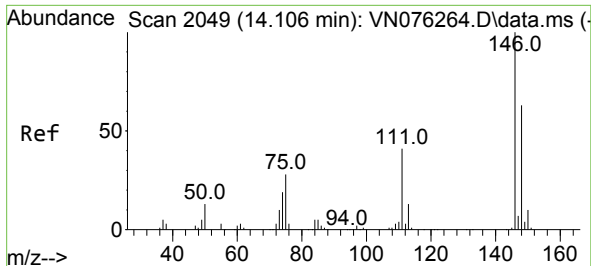
Tgt Ion: 117 Resp: 46135

Ion Ratio Lower Upper

117 100

201 0.0 37.3 111.9#

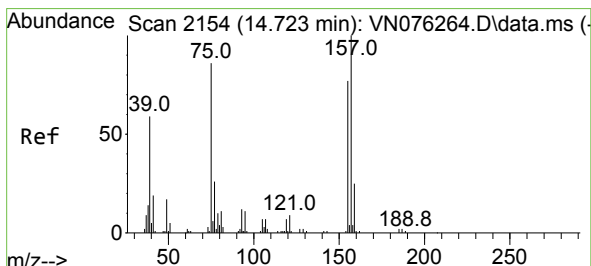
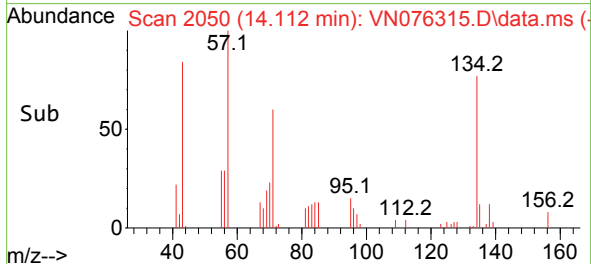
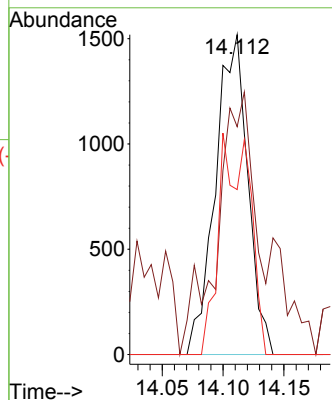
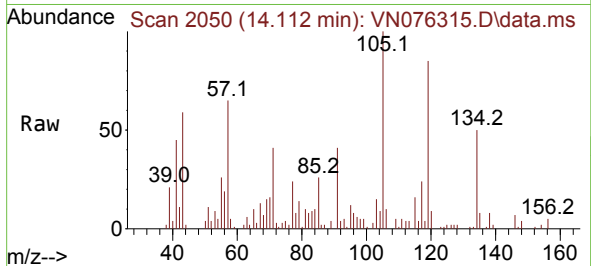




#91
 1,2-Dichlorobenzene
 Concen: 0.309 ug/l
 RT: 14.112 min Scan# 2049
 Delta R.T. 0.006 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

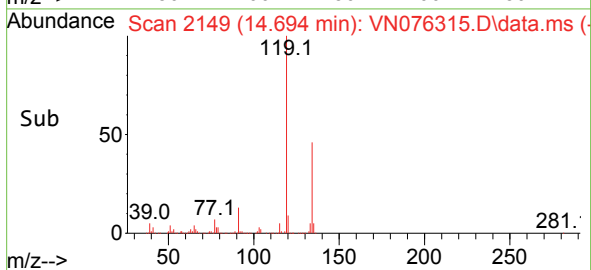
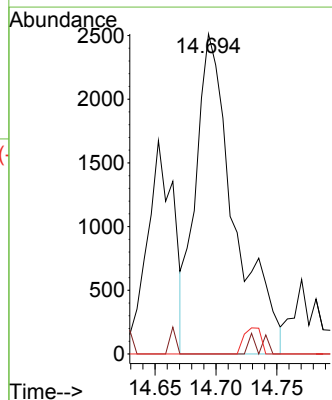
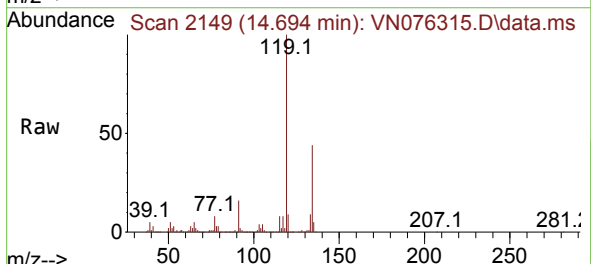
Instrument :
 MSVOA_N
 ClientSampleId :
 33894

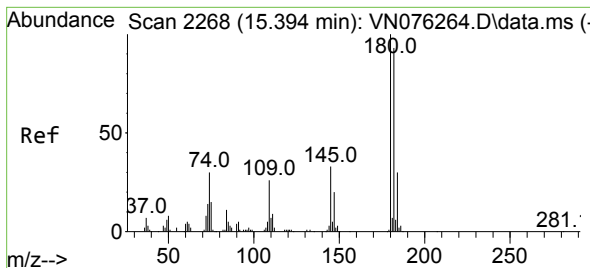
Tgt Ion:146 Resp: 2811
 Ion Ratio Lower Upper
 146 100
 111 65.7 20.3 60.8#
 148 65.7 31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.727 ug/l
 RT: 14.694 min Scan# 2149
 Delta R.T. -0.029 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Tgt Ion: 75 Resp: 5539
 Ion Ratio Lower Upper
 75 100
 155 0.0 45.0 135.0#
 157 0.0 58.3 174.9#





#93

1,2,4-Trichlorobenzene

Concen: 2.333 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

Instrument :

MSVOA_N

ClientSampleId :

33894

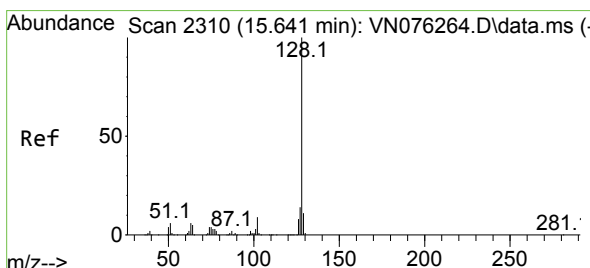
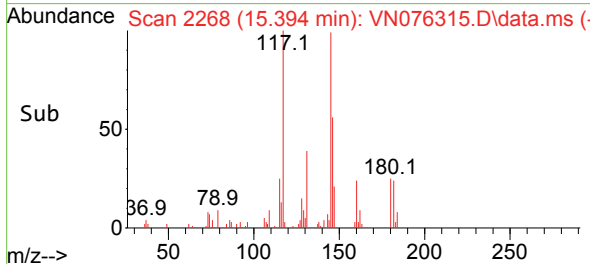
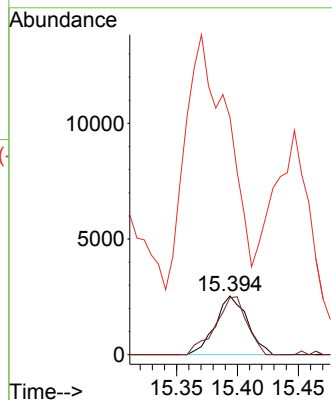
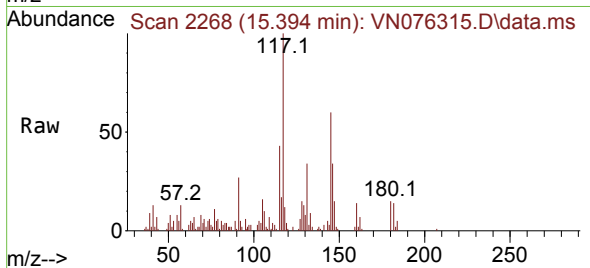
Tgt Ion:180 Resp: 4635

Ion Ratio Lower Upper

180 100

182 97.5 47.0 141.2

145 0.0 15.2 45.5#



#95

Naphthalene

Concen: 44.757 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. -0.000 min

Lab File: VN076315.D

Acq: 19 Jan 2023 12:07

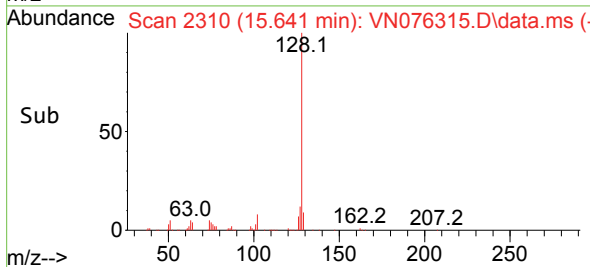
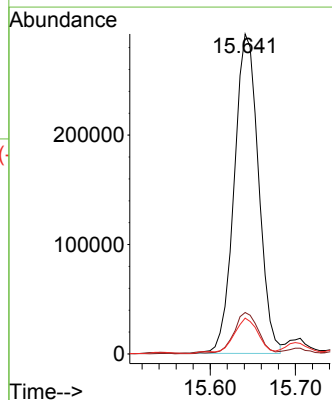
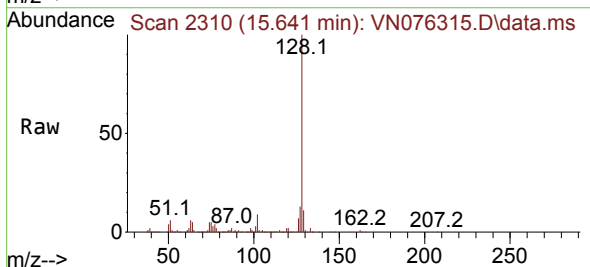
Tgt Ion:128 Resp: 579206

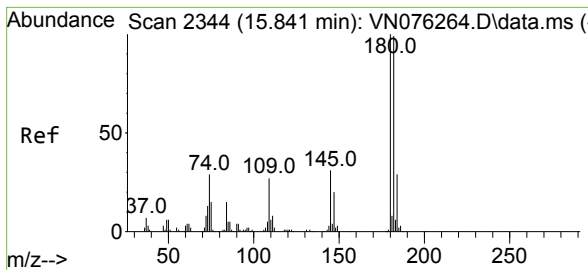
Ion Ratio Lower Upper

128 100

127 13.0 10.3 15.5

129 11.1 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 2.510 ug/l
 RT: 15.847 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN076315.D
 Acq: 19 Jan 2023 12:07

Instrument :
 MSVOA_N
 ClientSampleId :
 33894

Tgt Ion:180	Resp:	5809
Ion Ratio	Lower	Upper
180	100	
182	87.6	47.5 142.5
145	0.0	15.9 47.6#

