

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011923\
 Data File : VN076334.D
 Acq On : 19 Jan 2023 20:07
 Operator : JC\MD
 Sample : 01190-03ME
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-2ME

Quant Time: Jan 20 01:02:53 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	8.224	168	367406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	576631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189113	45.971	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	91.940%
35) Dibromofluoromethane	8.171	113	164686	45.656	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.320%
50) Toluene-d8	10.565	98	648250	48.663	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.853	95	212191	48.793	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.580%

Target Compounds						Qvalue
11) Tert butyl alcohol	5.506	59	5732	10.417	ug/l #	72
13) Acrolein	4.171	56	195	0.296	ug/l #	48
15) Acrylonitrile	5.730	53	357	0.228	ug/l #	78
16) Acetone	4.483	43	1391	0.982	ug/l #	41
18) Methyl Acetate	5.059	43	1039	0.232	ug/l #	46
25) 2-Butanone	7.494	43	1312	0.651	ug/l #	40
29) Tetrahydrofuran	7.853	42	410	0.330	ug/l #	43
31) Cyclohexane	8.224	56	6770	1.071	ug/l #	28
36) 1,1-Dichloropropene	8.230	75	26333	5.138	ug/l #	49
38) Carbon Tetrachloride	8.224	117	37166	6.502	ug/l #	16
39) Methylcyclohexane	9.606	83	2278	0.364	ug/l	87
47) Bromodichloromethane	9.606	83	1282	0.239	ug/l #	25
51) 4-Methyl-2-Pentanone	10.465	43	1334	0.340	ug/l #	80
52) Toluene	10.635	92	2363	0.231	ug/l	85
55) 1,1,2-Trichloroethane	11.000	97	2193	0.560	ug/l #	15
59) 2-Hexanone	11.200	43	1826	0.642	ug/l	98
67) Ethyl Benzene	11.965	91	9594	0.550	ug/l	95
68) m/p-Xylenes	12.071	106	16280	2.328	ug/l	98
69) o-Xylene	12.400	106	8901	1.296	ug/l	96
70) Styrene	12.406	104	2345	0.214	ug/l #	49
71) Bromoform	12.847	173	1052	0.384	ug/l #	1
73) Isopropylbenzene	12.700	105	6790	0.396	ug/l	98
74) N-amyl acetate	12.488	43	10278	2.082	ug/l #	59
75) 1,1,2,2-Tetrachloroethane	12.941	83	1119	0.227	ug/l #	1
76) 1,2,3-Trichloropropane	12.853	75	108180	26.321	ug/l #	1
77) Bromobenzene	12.982	156	805	Below Cal		63
78) n-propylbenzene	13.035	91	27700	1.431	ug/l	98
79) 2-Chlorotoluene	13.100	91	9813	0.826	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	51131	3.557	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	108180	81.140	ug/l #	11
82) 4-Chlorotoluene	13.100	91	9813	0.826	ug/l #	40
84) 1,2,4-Trimethylbenzene	13.482	105	195705	13.576	ug/l	97
85) sec-Butylbenzene	13.623	105	25589	1.442	ug/l	93
86) p-Isopropyltoluene	13.729	119	16932	1.161	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	2248	0.278	ug/l #	1
88) 1,4-Dichlorobenzene	13.817	146	3723	0.584	ug/l #	1

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

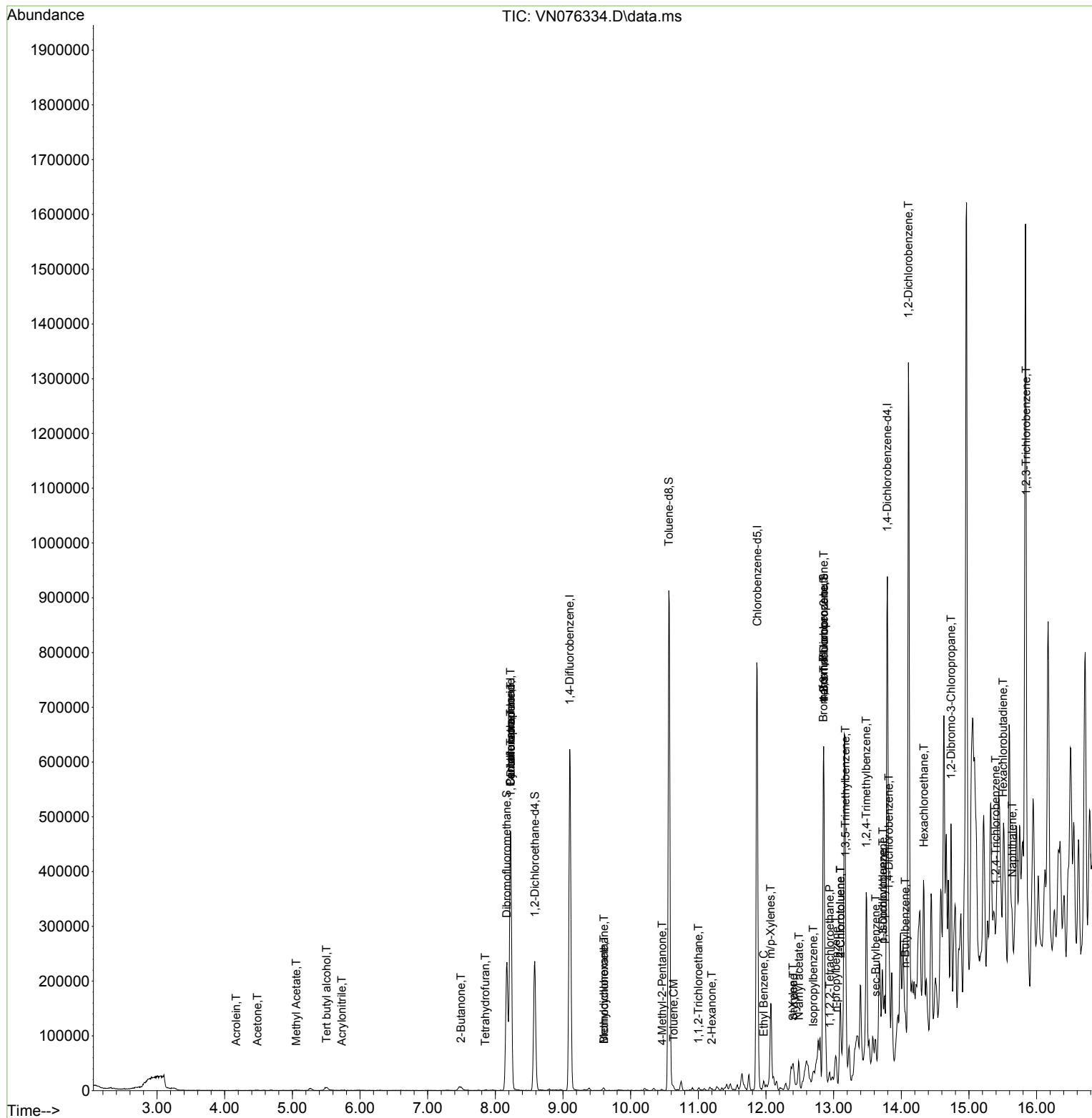
89) n-Butylbenzene	14.059	91	39456	3.407	ug/l #	78
90) Hexachloroethane	14.335	117	11117	4.415	ug/l #	12
91) 1,2-Dichlorobenzene	14.106	146	2471	0.307	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.735	75	847	0.988	ug/l #	33
93) 1,2,4-Trichlorobenzene	15.394	180	4381	2.401	ug/l #	1
94) Hexachlorobutadiene	15.506	225	436	0.204	ug/l	80
95) Naphthalene	15.641	128	71752	7.835	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	7827	3.215	ug/l #	1

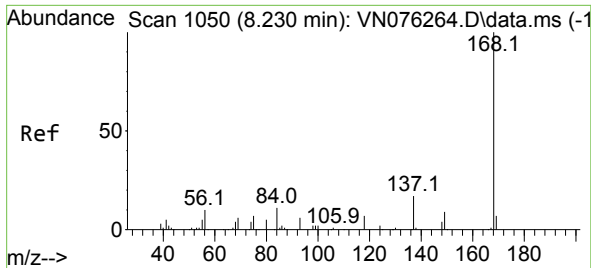
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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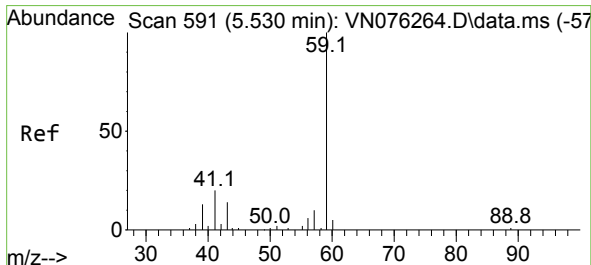
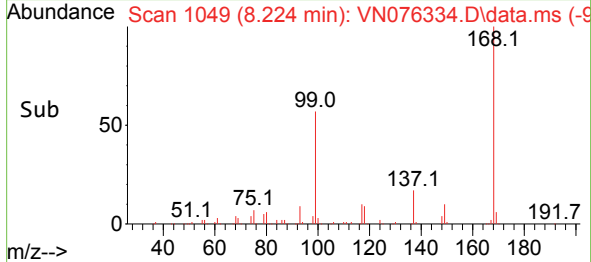
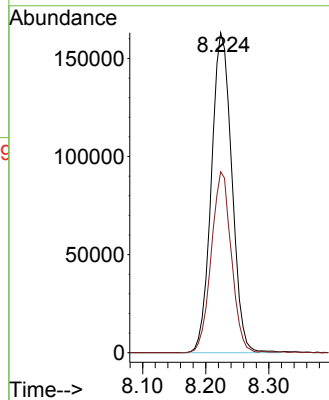
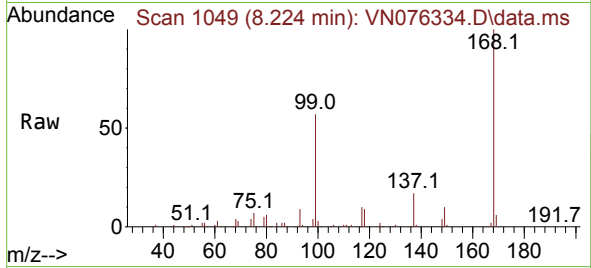




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

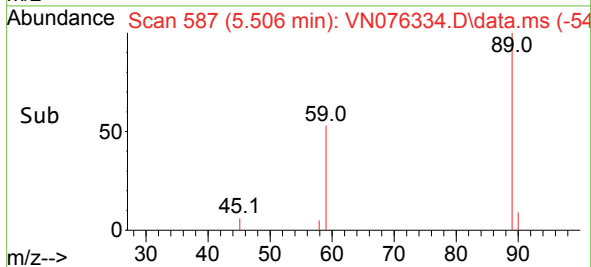
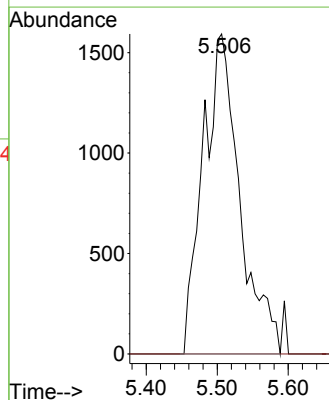
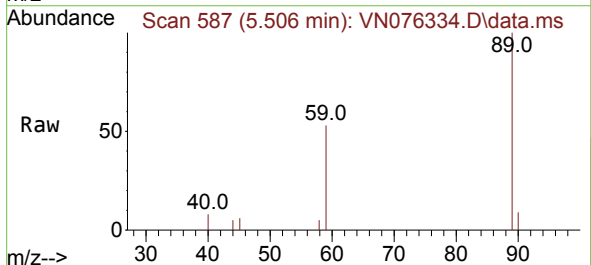
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

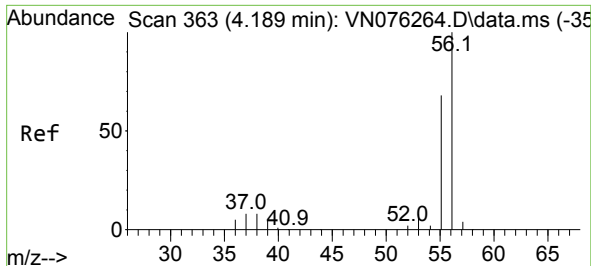
Tgt Ion:168 Resp: 367406
Ion Ratio Lower Upper
168 100
99 56.5 41.6 62.4



#11
Tert butyl alcohol
Concen: 10.417 ug/l
RT: 5.506 min Scan# 587
Delta R.T. -0.024 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 59 Resp: 5732
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

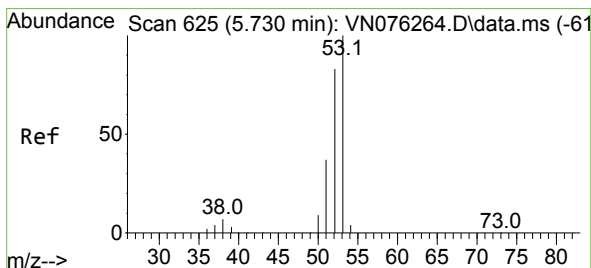
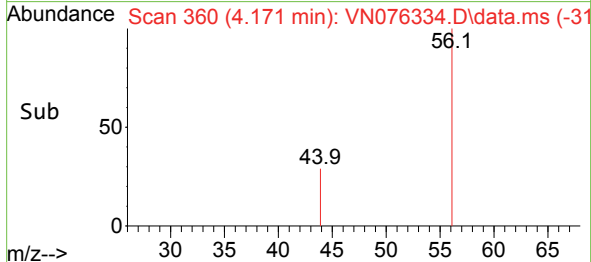
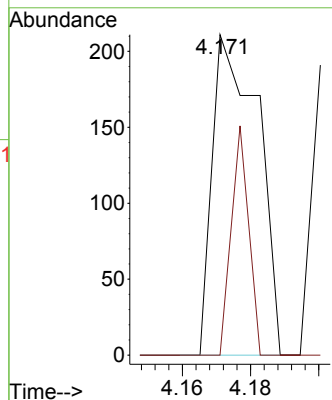
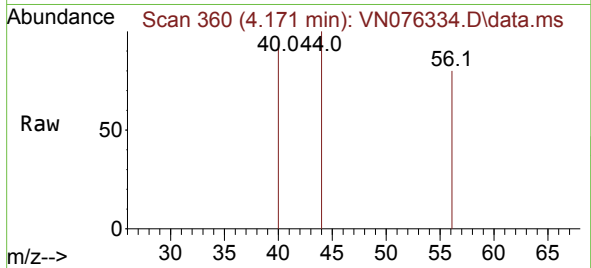




#13
Acrolein
Concen: 0.296 ug/l
RT: 4.171 min Scan# 30
Delta R.T. -0.018 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

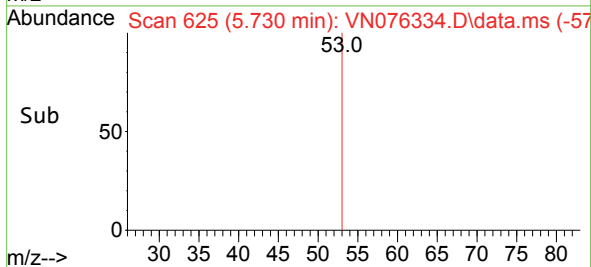
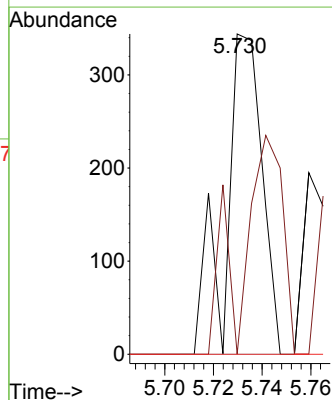
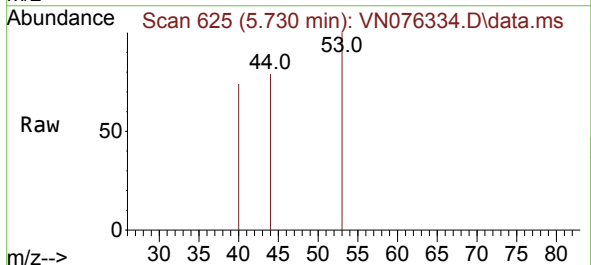
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

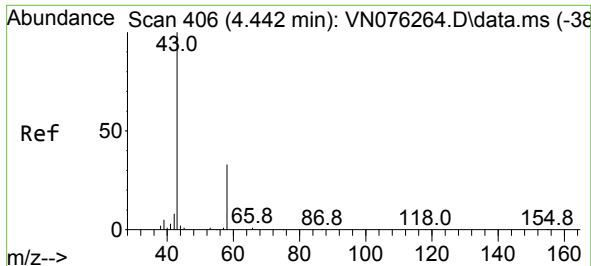
Tgt Ion: 56 Resp: 195
Ion Ratio Lower Upper
56 100
55 27.2 55.8 83.6#



#15
Acrylonitrile
Concen: 0.228 ug/l
RT: 5.730 min Scan# 625
Delta R.T. -0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 53 Resp: 357
Ion Ratio Lower Upper
53 100
52 77.0 64.7 97.1
51 0.0 29.2 43.8#

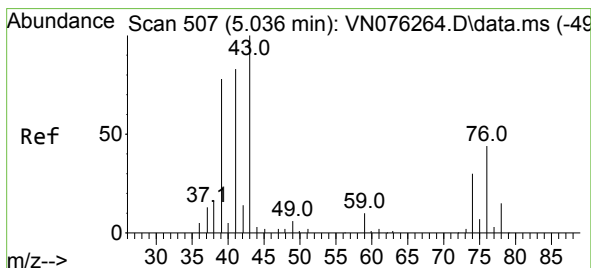
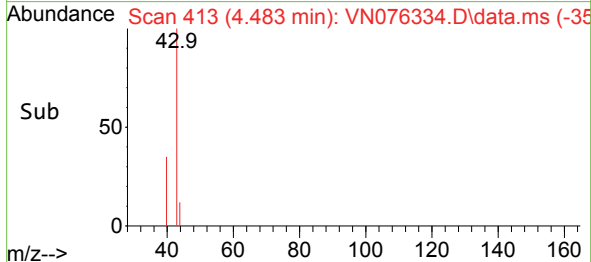
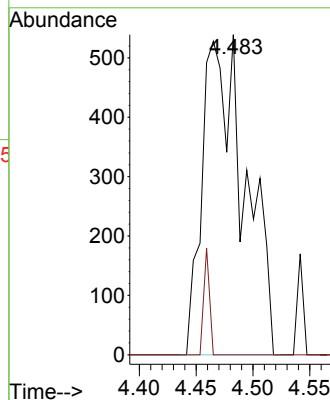
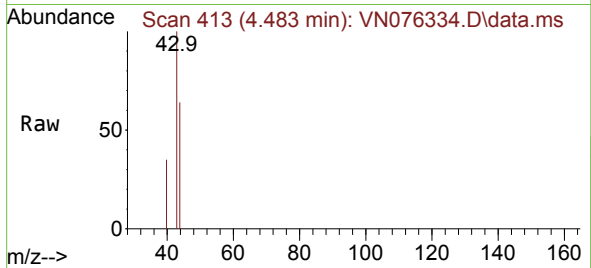




#16
Acetone
Concen: 0.982 ug/l
RT: 4.483 min Scan# 411
Delta R.T. 0.041 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

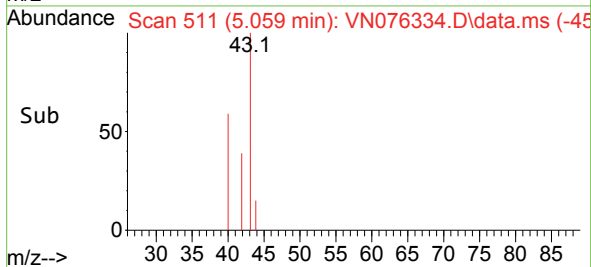
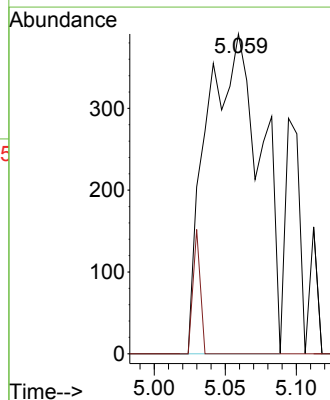
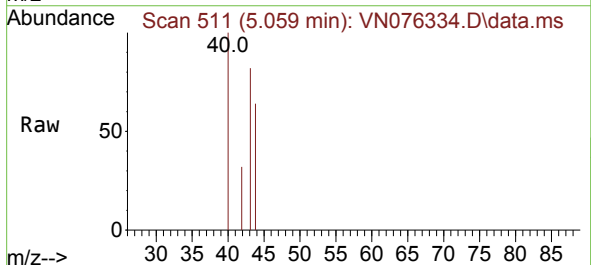
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

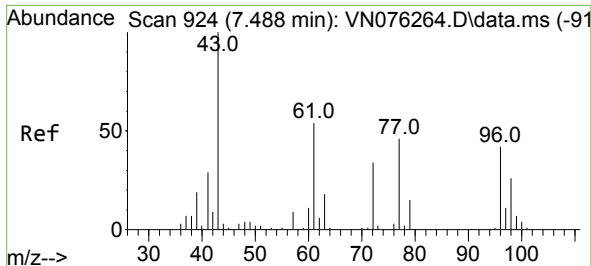
Tgt Ion: 43 Resp: 1391
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#18
Methyl Acetate
Concen: 0.232 ug/l
RT: 5.059 min Scan# 511
Delta R.T. 0.023 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 43 Resp: 1039
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#

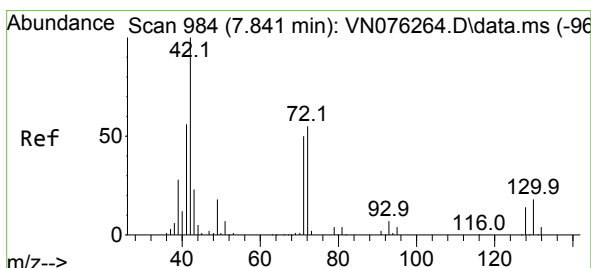
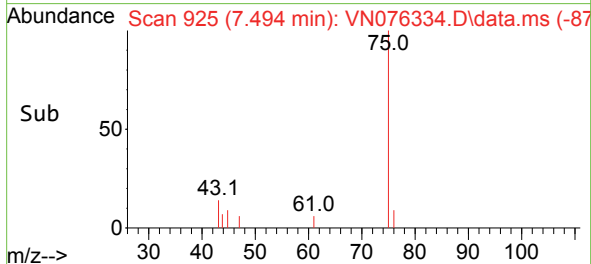
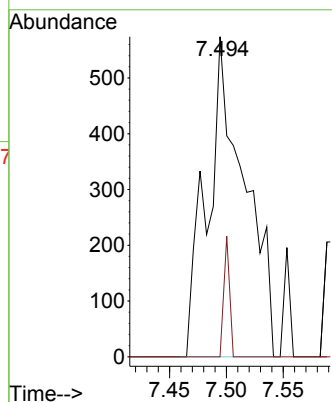
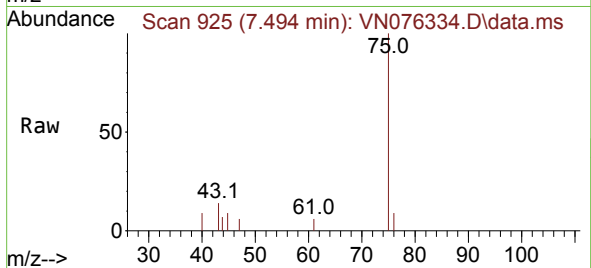




#25
2-Butanone
Concen: 0.651 ug/l
RT: 7.494 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

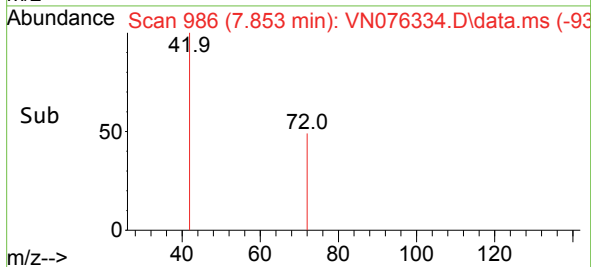
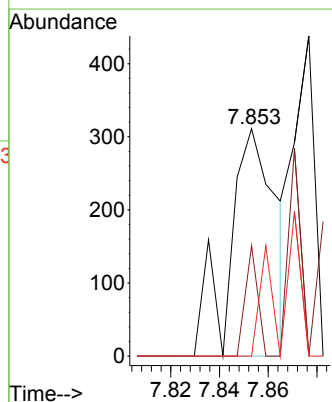
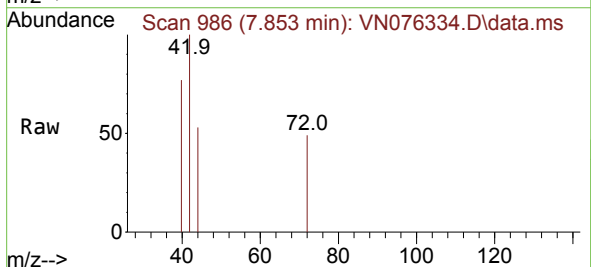
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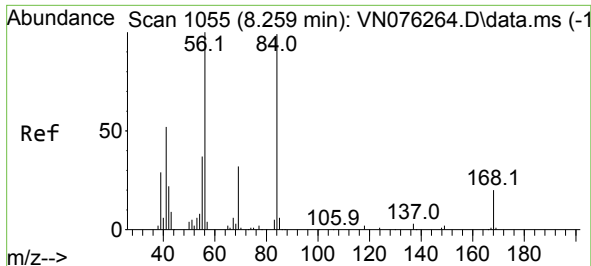
Tgt Ion: 43 Resp: 1312
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.2#



#29
Tetrahydrofuran
Concen: 0.330 ug/l
RT: 7.853 min Scan# 986
Delta R.T. 0.012 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

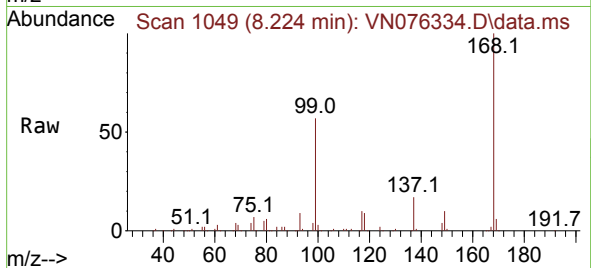
Tgt Ion: 42 Resp: 410
Ion Ratio Lower Upper
42 100
72 12.9 44.0 66.0#
71 12.9 41.1 61.7#



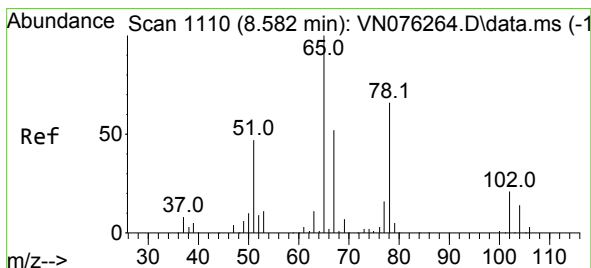
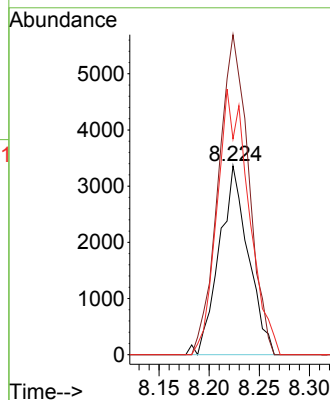
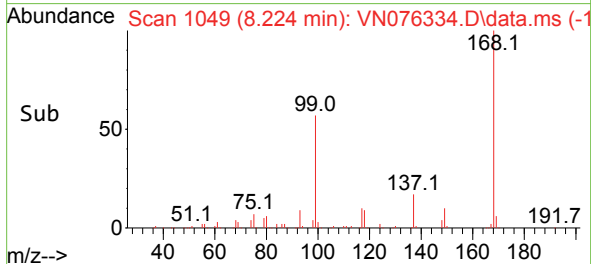


#31
Cyclohexane
Concen: 1.071 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Instrument :
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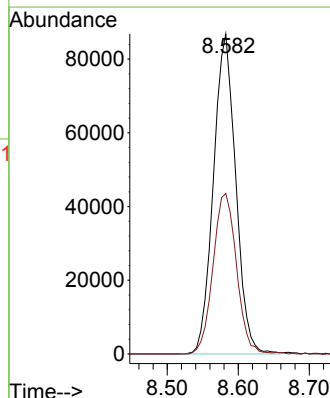
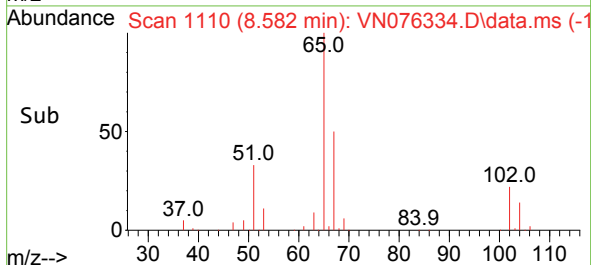
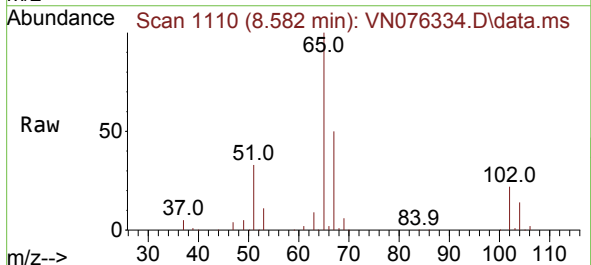


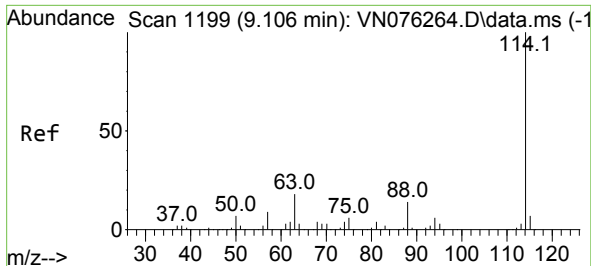
Tgt Ion: 56 Resp: 6770
Ion Ratio Lower Upper
56 100
69 169.5 25.8 38.8#
84 114.2 79.0 118.4



#33
1,2-Dichloroethane-d4
Concen: 45.971 ug/l
RT: 8.582 min Scan# 1110
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 65 Resp: 189113
Ion Ratio Lower Upper
65 100
67 52.8 0.0 104.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1199

Delta R.T. -0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

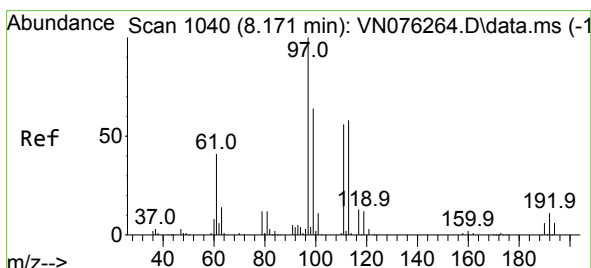
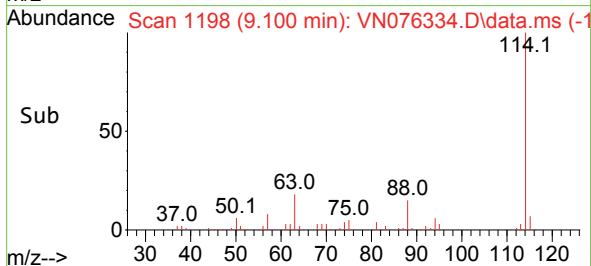
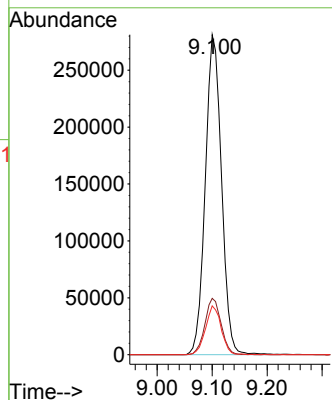
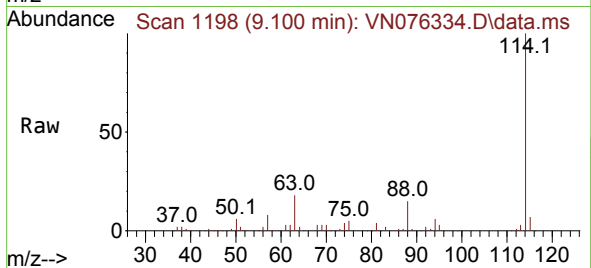
Tgt Ion:114 Resp: 576631

Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.8

88 15.3 0.0 28.0



#35

Dibromofluoromethane

Concen: 45.656 ug/l

RT: 8.171 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

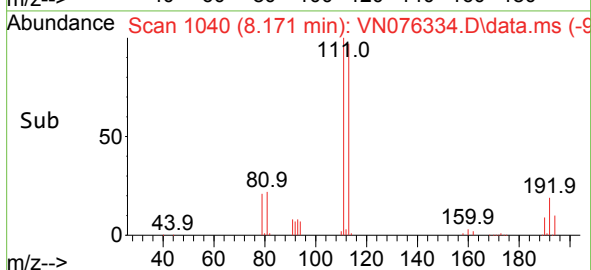
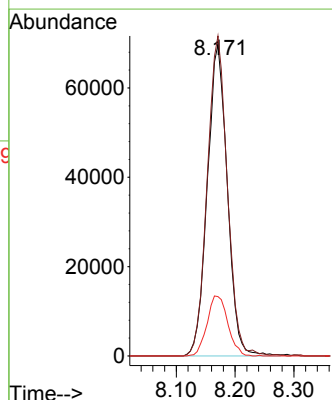
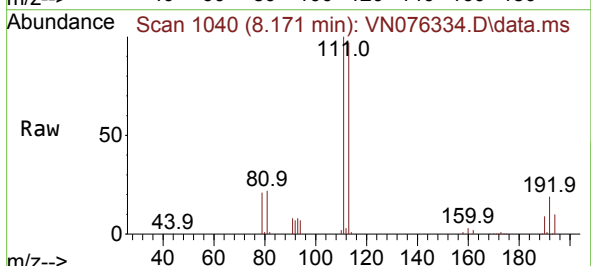
Tgt Ion:113 Resp: 164686

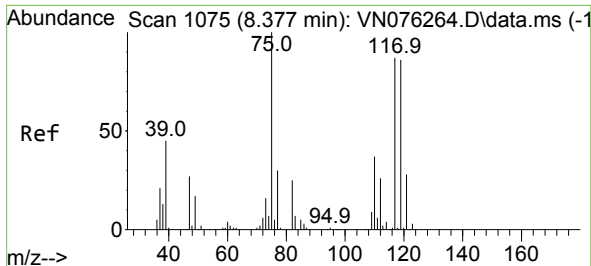
Ion Ratio Lower Upper

113 100

111 103.3 82.7 124.1

192 20.0 15.6 23.4

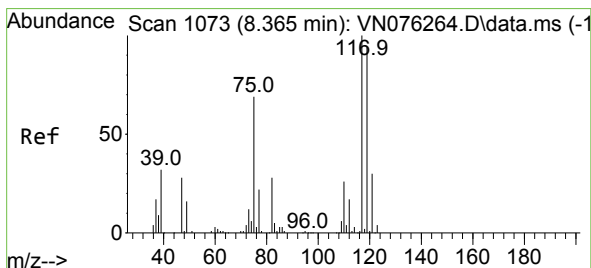
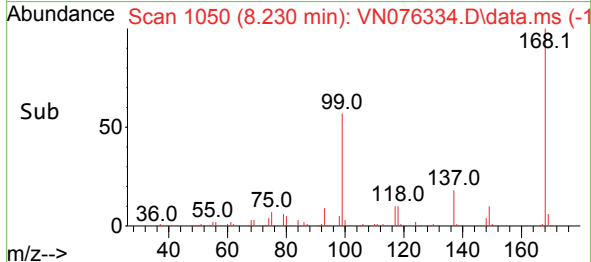
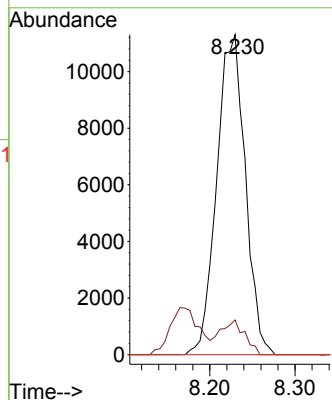
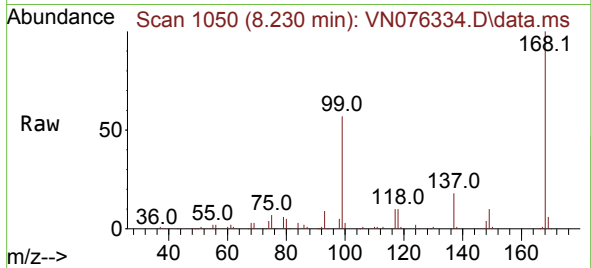




#36
1,1-Dichloropropene
Concen: 5.138 ug/l
RT: 8.230 min Scan# 1049
Delta R.T. -0.147 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

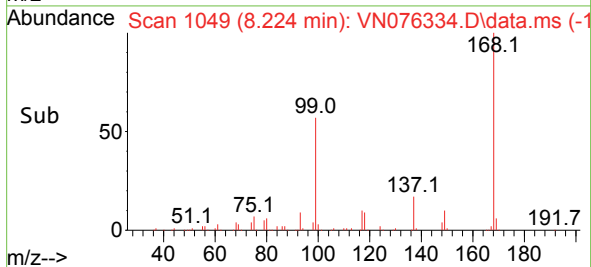
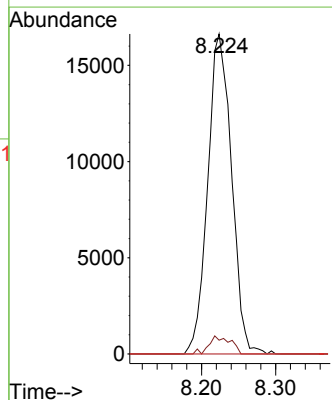
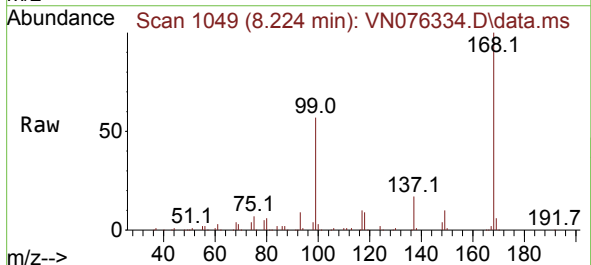
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

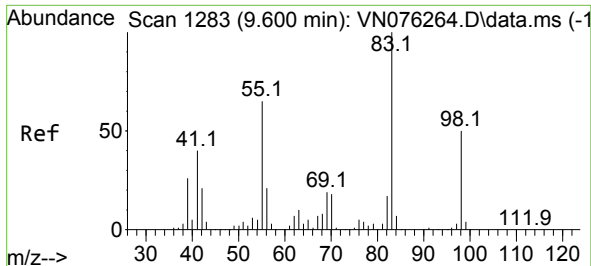
Tgt Ion: 75 Resp: 26333
Ion Ratio Lower Upper
75 100
110 9.4 18.8 56.3#
77 0.0 25.0 37.4#



#38
Carbon Tetrachloride
Concen: 6.502 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 117 Resp: 37166
Ion Ratio Lower Upper
117 100
119 4.3 75.4 113.0#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.364 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

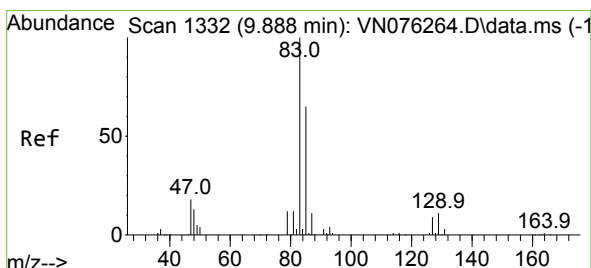
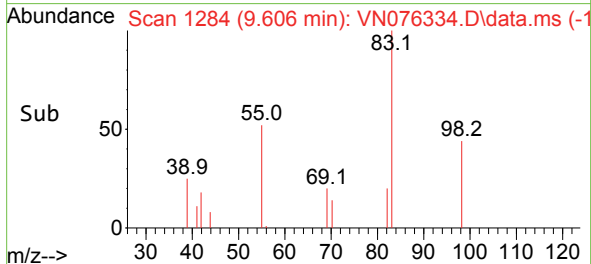
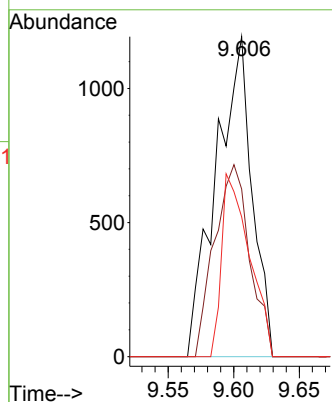
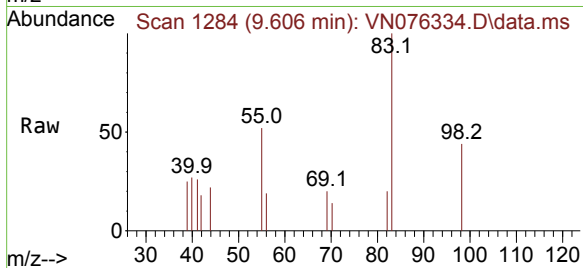
Tgt Ion: 83 Resp: 2278

Ion Ratio Lower Upper

83 100

55 52.4 51.7 77.5

98 43.7 40.0 60.0



#47

Bromodichloromethane

Concen: 0.239 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.282 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

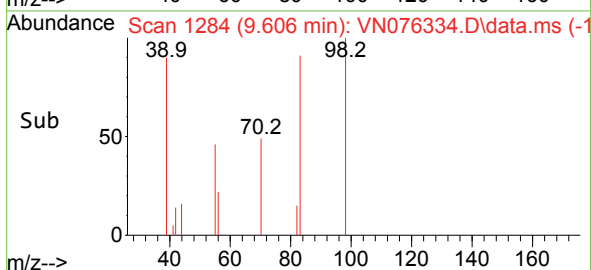
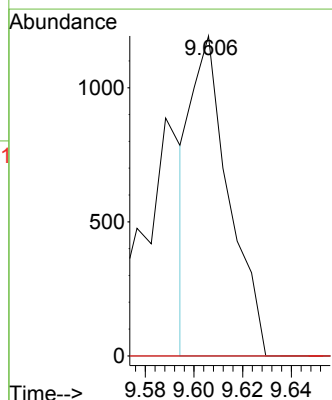
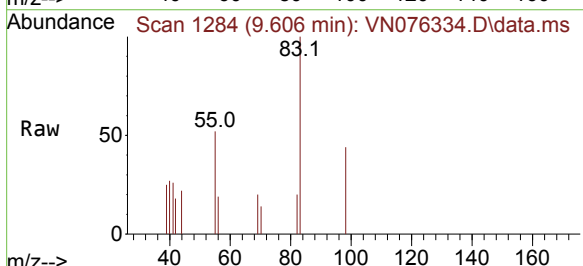
Tgt Ion: 83 Resp: 1282

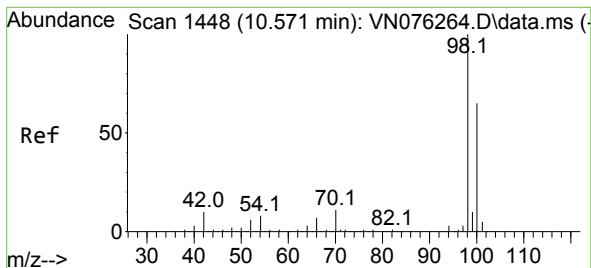
Ion Ratio Lower Upper

83 100

85 0.0 52.1 78.1#

127 0.0 7.4 11.0#





#50

Toluene-d8

Concen: 48.663 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

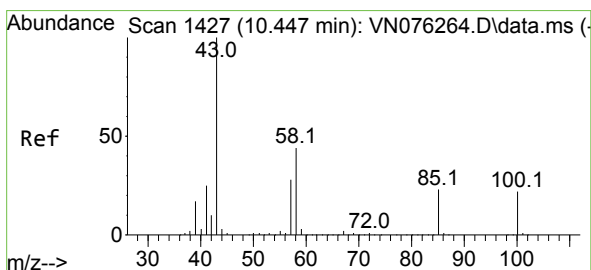
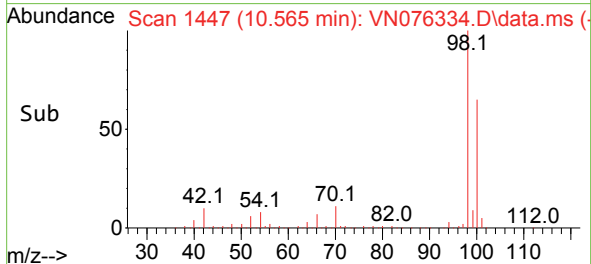
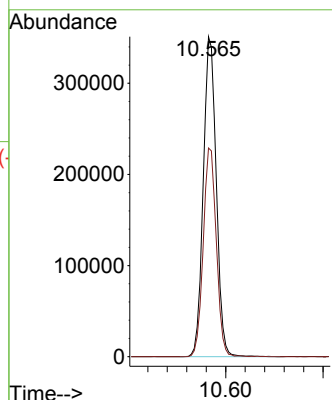
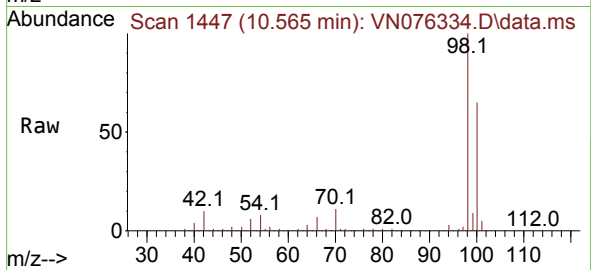
PE-2ME

Tgt Ion: 98 Resp: 648250

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.340 ug/l

RT: 10.465 min Scan# 1430

Delta R.T. 0.018 min

Lab File: VN076334.D

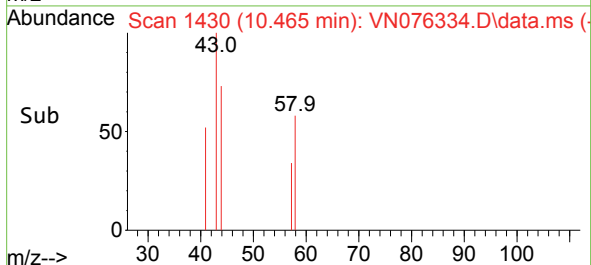
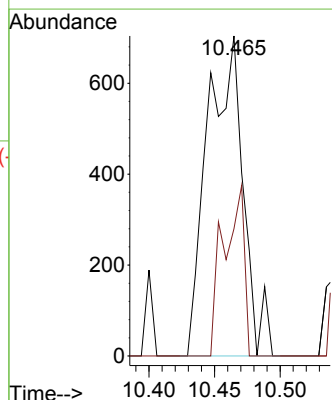
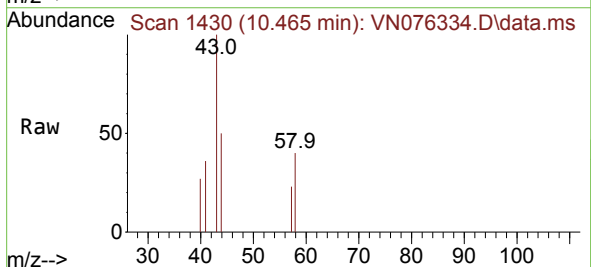
Acq: 19 Jan 2023 20:07

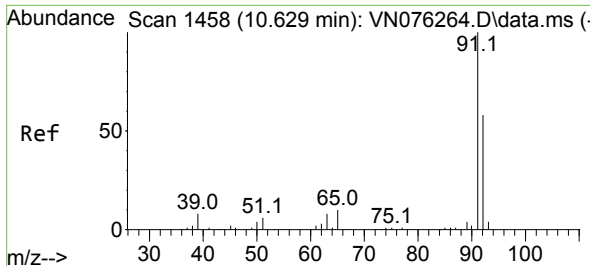
Tgt Ion: 43 Resp: 1334

Ion Ratio Lower Upper

43 100

58 30.7 35.1 52.7#

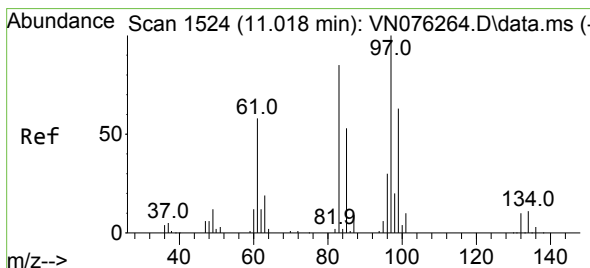
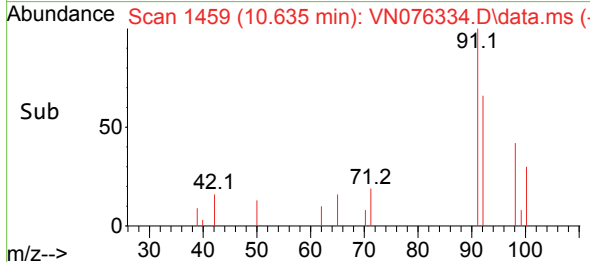
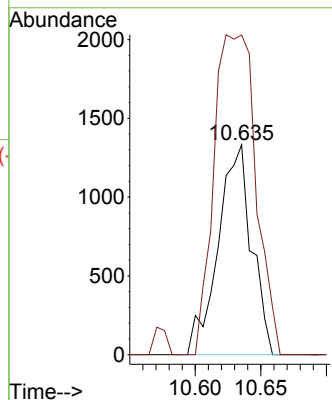
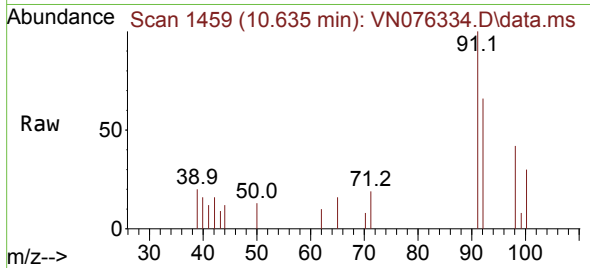




#52
Toluene
Concen: 0.231 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

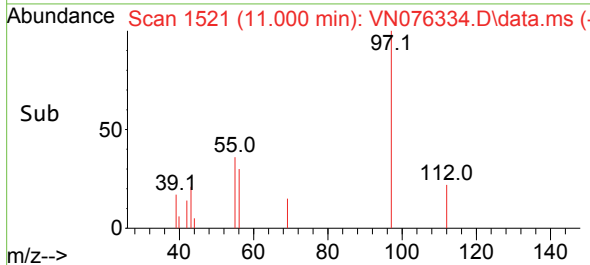
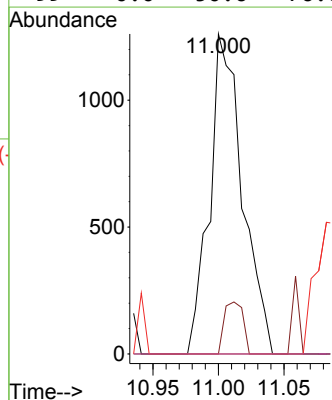
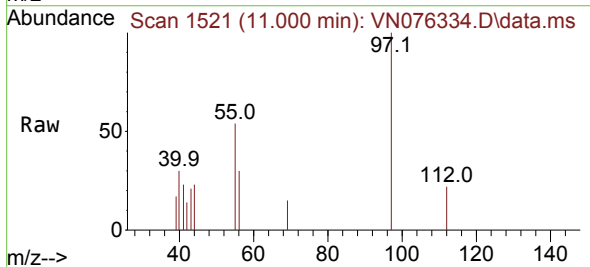
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

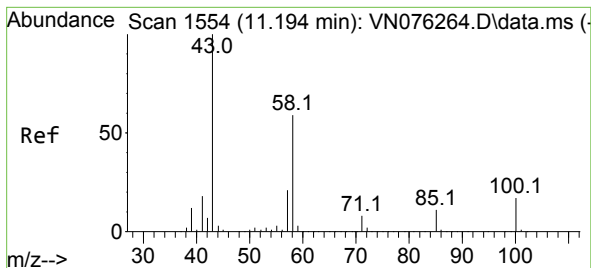
Tgt Ion: 92 Resp: 2363
Ion Ratio Lower Upper
92 100
91 191.8 136.6 205.0



#55
1,1,2-Trichloroethane
Concen: 0.560 ug/l
RT: 11.000 min Scan# 1521
Delta R.T. -0.018 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 97 Resp: 2193
Ion Ratio Lower Upper
97 100
83 0.0 67.8 101.6#
85 0.0 42.3 63.5#
99 0.0 50.6 76.0#





#59

2-Hexanone

Concen: 0.642 ug/l

RT: 11.200 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

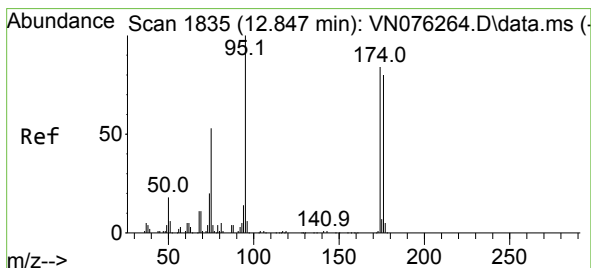
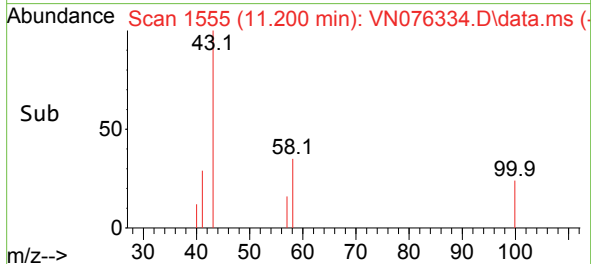
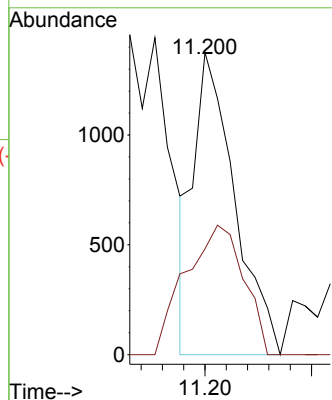
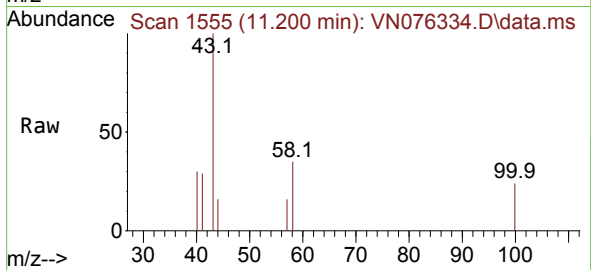
PE-2ME

Tgt Ion: 43 Resp: 1826

Ion Ratio Lower Upper

43 100

58 61.4 30.1 90.3



#62

4-Bromofluorobenzene

Concen: 48.793 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

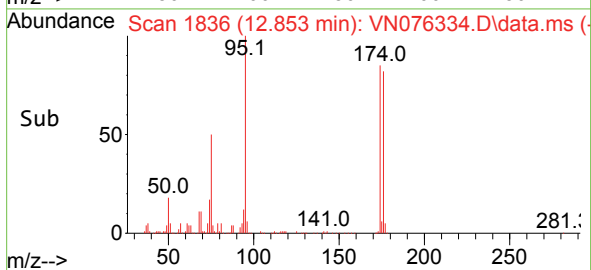
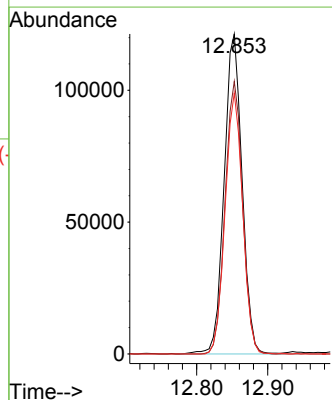
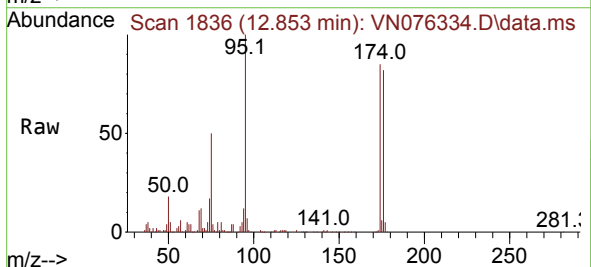
Tgt Ion: 95 Resp: 212191

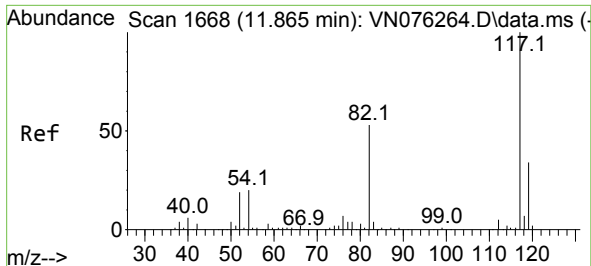
Ion Ratio Lower Upper

95 100

174 83.4 0.0 174.6

176 79.7 0.0 167.8

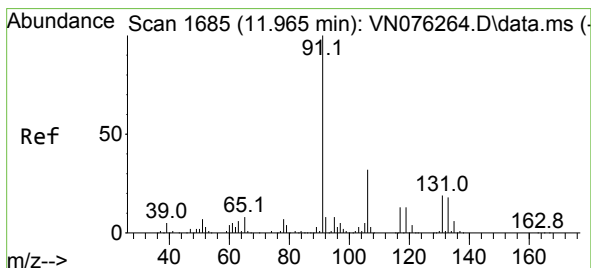
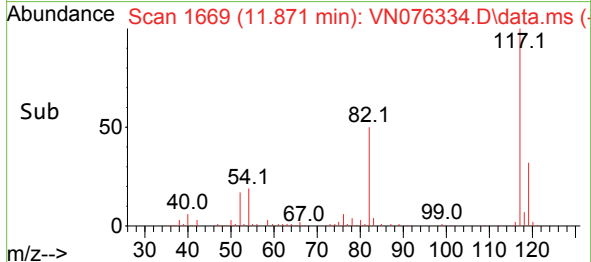
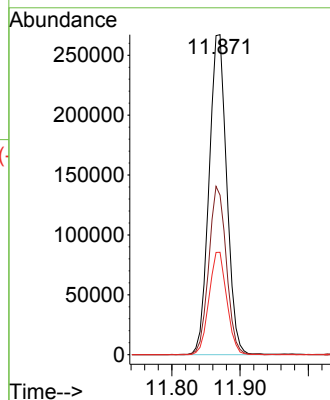
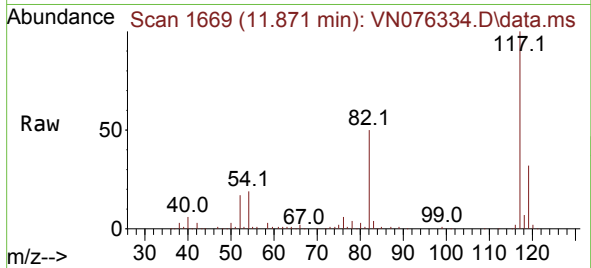




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

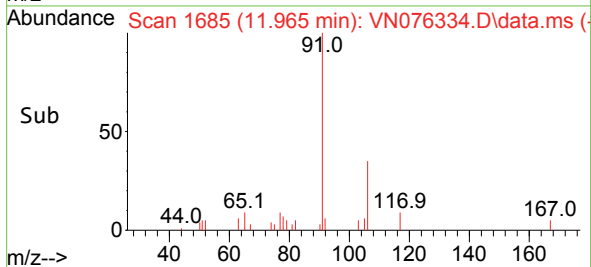
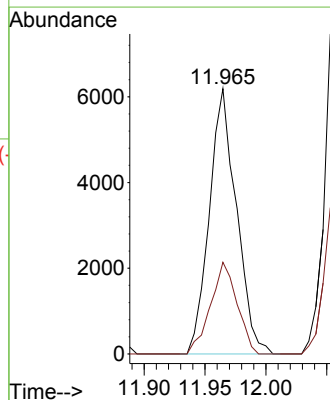
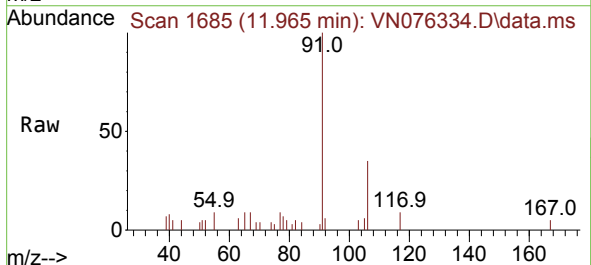
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

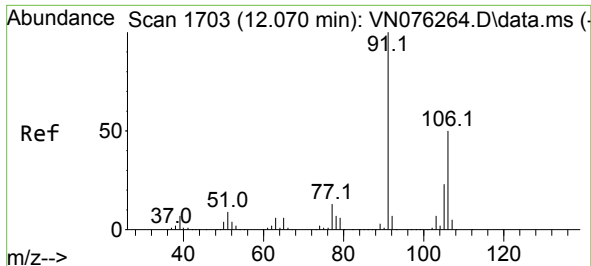
Tgt Ion:117 Resp: 482146
Ion Ratio Lower Upper
117 100
82 49.8 42.2 63.2
119 32.0 26.9 40.3



#67
Ethyl Benzene
Concen: 0.550 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 91 Resp: 9594
Ion Ratio Lower Upper
91 100
106 34.5 25.5 38.3

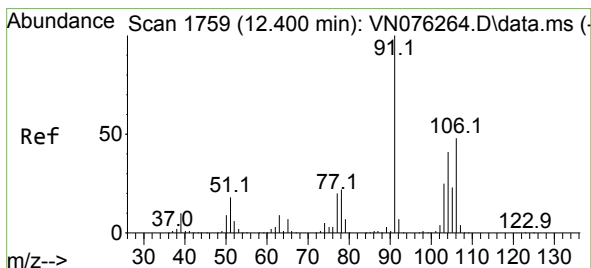
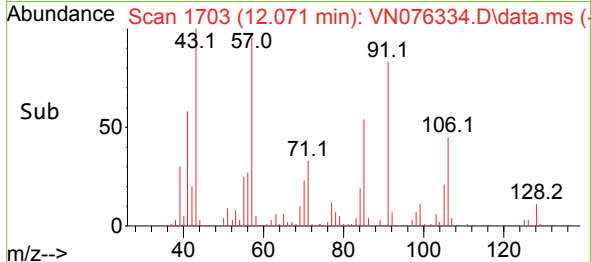
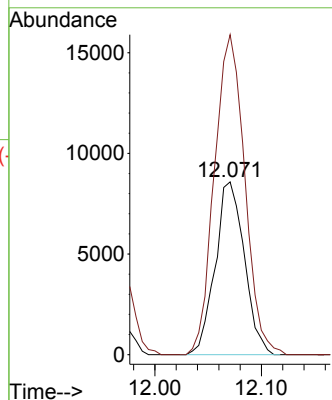
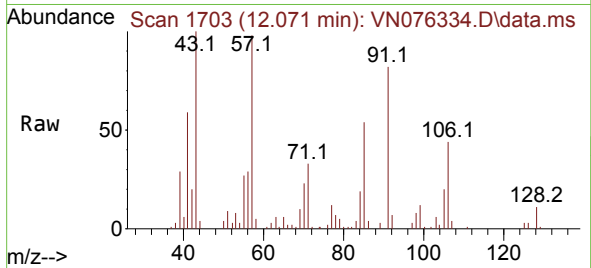




#68
m/p-Xylenes
Concen: 2.328 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

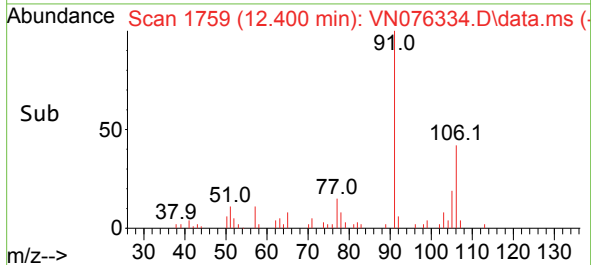
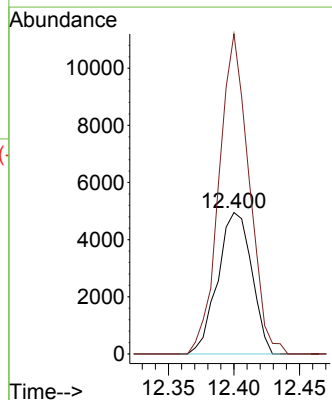
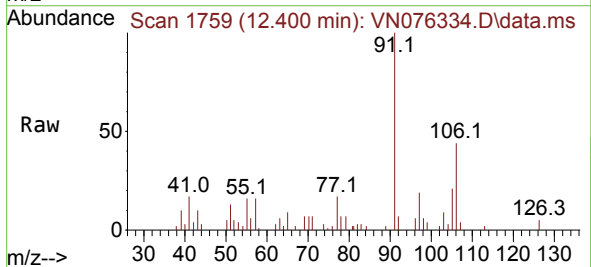
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

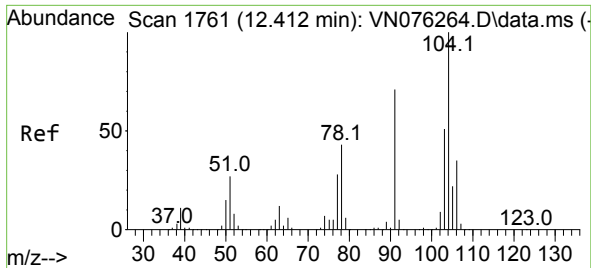
Tgt Ion:106 Resp: 16280
Ion Ratio Lower Upper
106 100
91 193.3 157.5 236.3



#69
o-Xylene
Concen: 1.296 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion:106 Resp: 8901
Ion Ratio Lower Upper
106 100
91 200.6 103.2 309.4

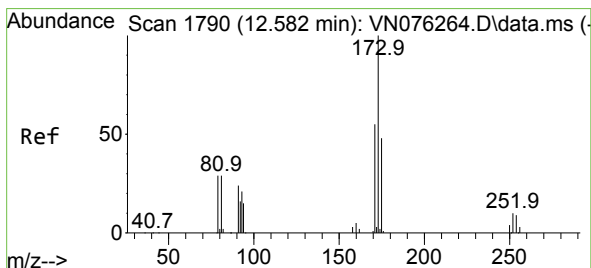
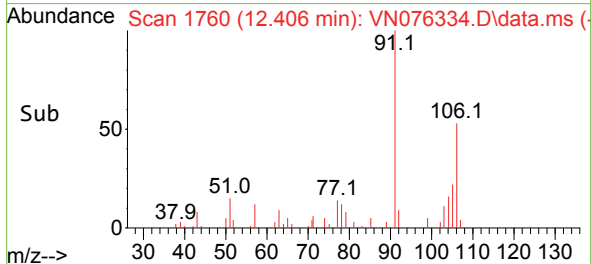
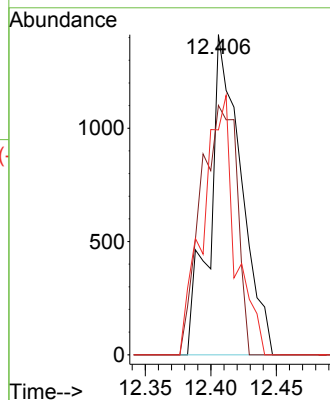
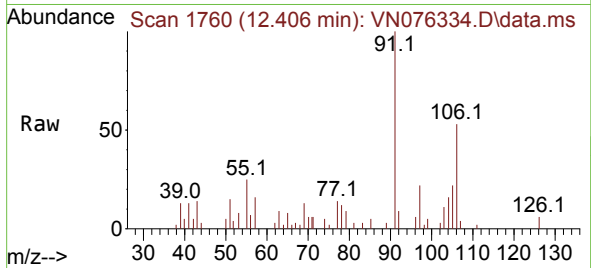




#70
Styrene
Concen: 0.214 ug/l
RT: 12.406 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

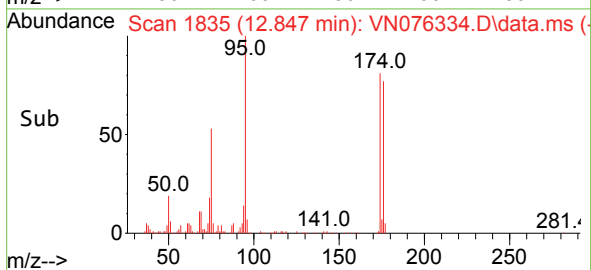
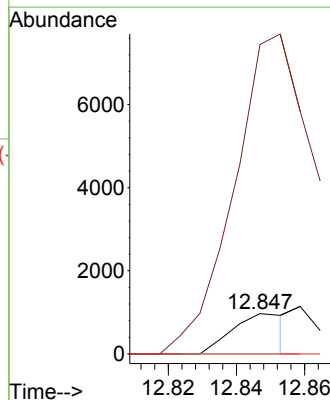
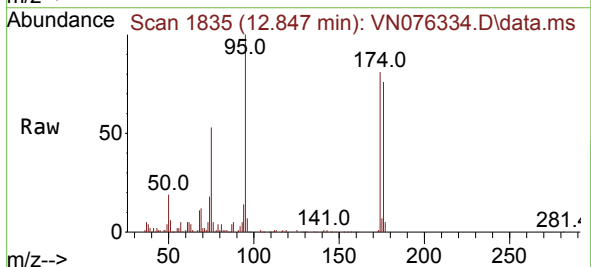
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

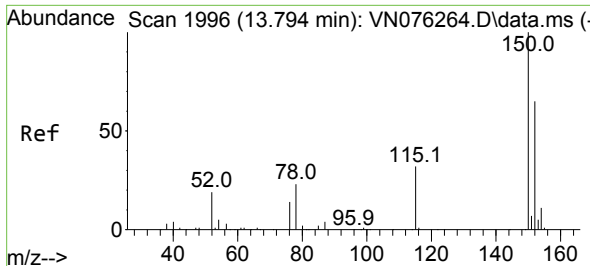
Tgt Ion:104 Resp: 2345
Ion Ratio Lower Upper
104 100
78 90.1 37.4 56.0#
103 83.5 44.2 66.2#



#71
Bromoform
Concen: 0.384 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.265 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion:173 Resp: 1052
Ion Ratio Lower Upper
173 100
175 990.1 24.1 72.4#
254 0.0 0.0 0.0

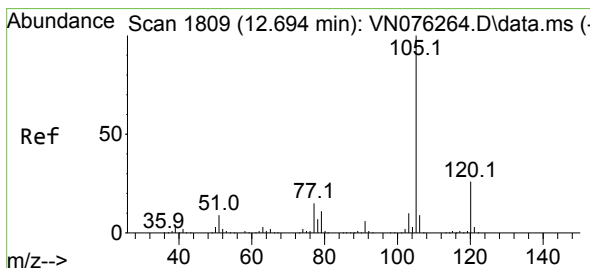
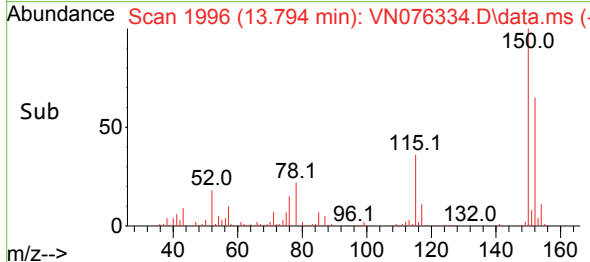
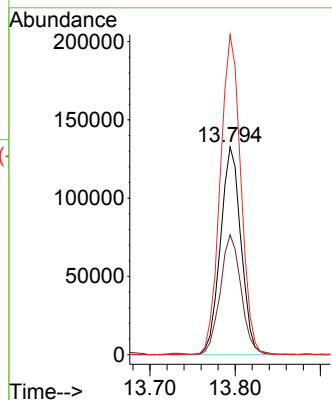
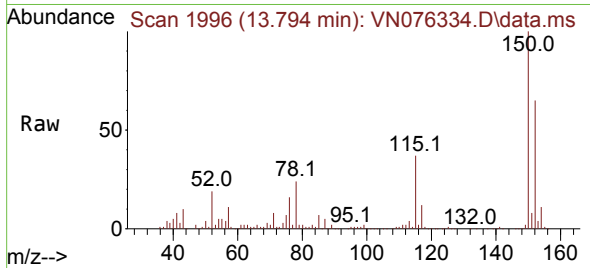




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 1996
 Delta R.T. -0.000 min
 Lab File: VN076334.D
 Acq: 19 Jan 2023 20:07

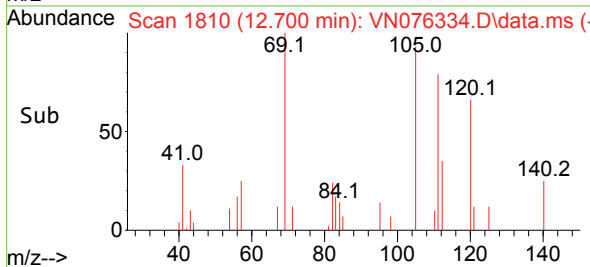
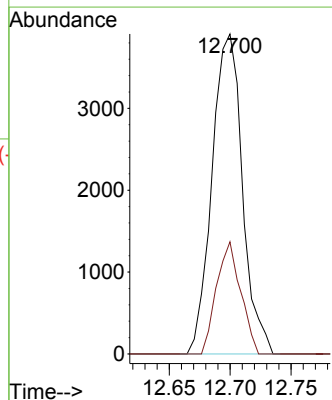
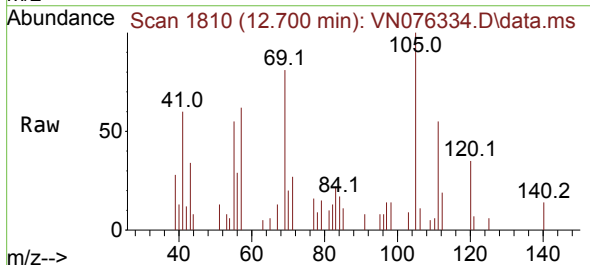
Instrument :
 MSVOA_N
 ClientSampleId :
 PE-2ME

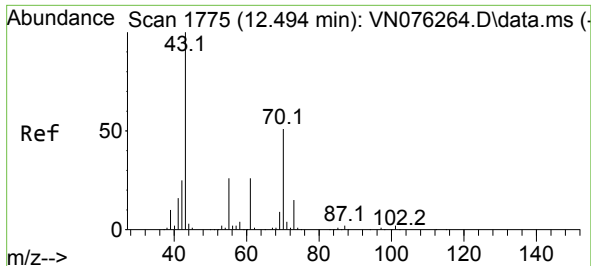
Tgt Ion:152 Resp: 221829
 Ion Ratio Lower Upper
 152 100
 115 59.0 29.6 88.9
 150 154.7 0.0 351.4



#73
 Isopropylbenzene
 Concen: 0.396 ug/l
 RT: 12.700 min Scan# 1810
 Delta R.T. 0.006 min
 Lab File: VN076334.D
 Acq: 19 Jan 2023 20:07

Tgt Ion:105 Resp: 6790
 Ion Ratio Lower Upper
 105 100
 120 27.8 13.4 40.1

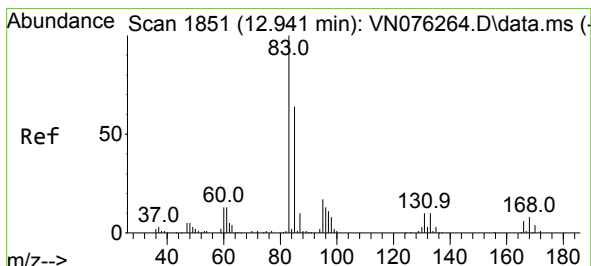
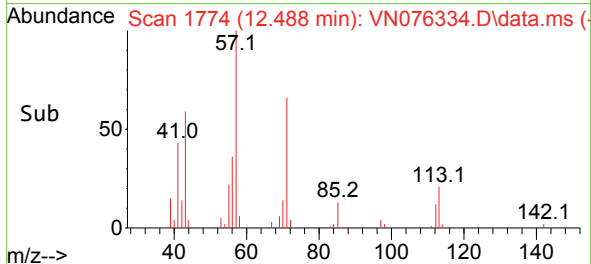
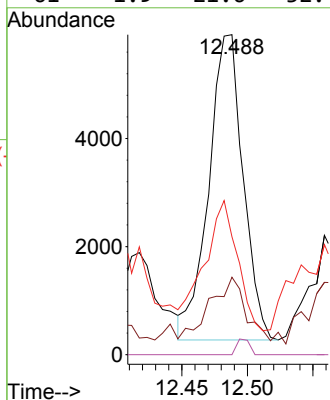
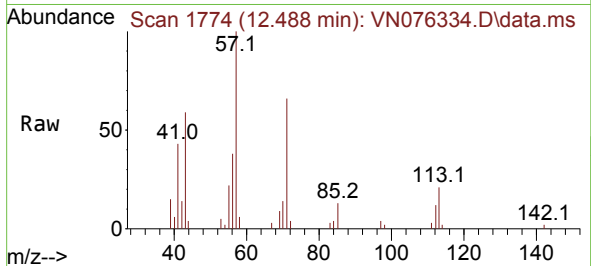




#74
N-amy1 acetate
Concen: 2.082 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

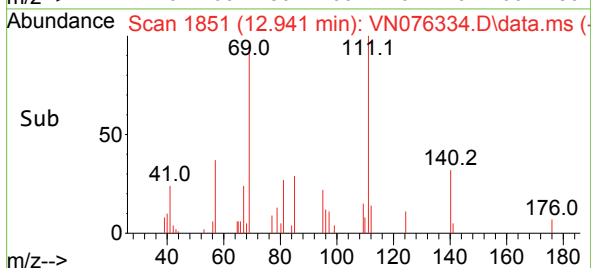
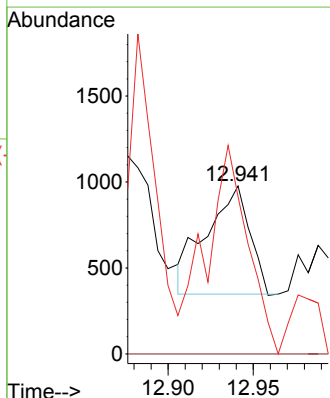
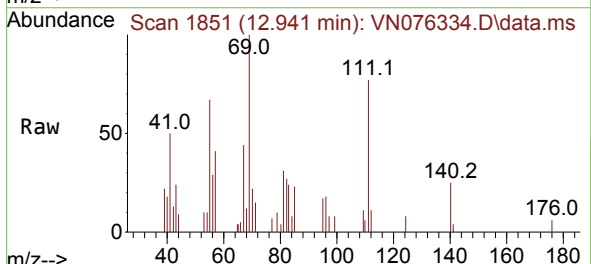
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

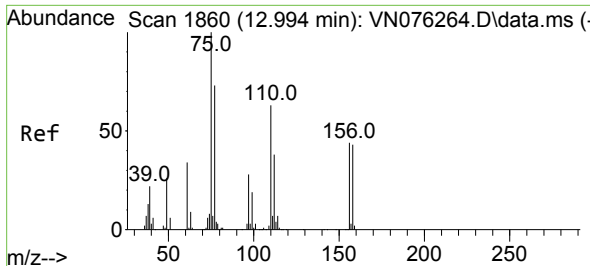
Tgt Ion: 43	Resp: 10278
Ion Ratio	Lower Upper
43 100	
70 21.3	41.2 61.8#
55 41.3	21.0 31.6#
61 1.9	21.6 32.4#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.227 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 83	Resp: 1119
Ion Ratio	Lower Upper
83 100	
131 0.0	5.5 16.4#
85 182.7	31.7 95.1#

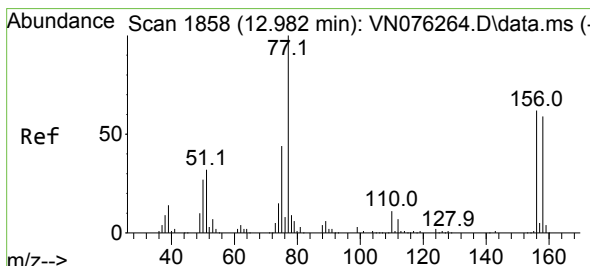
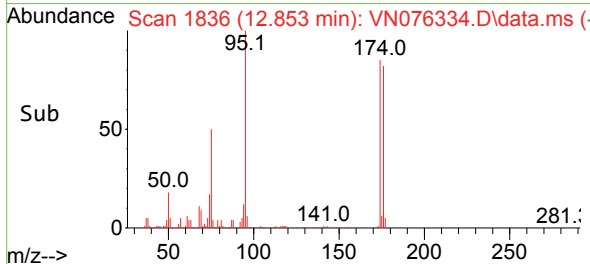
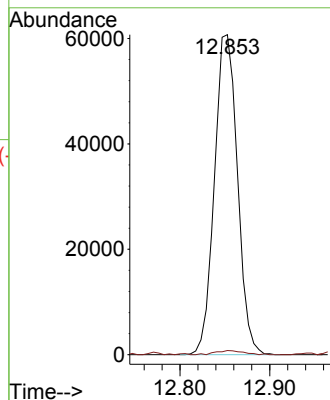
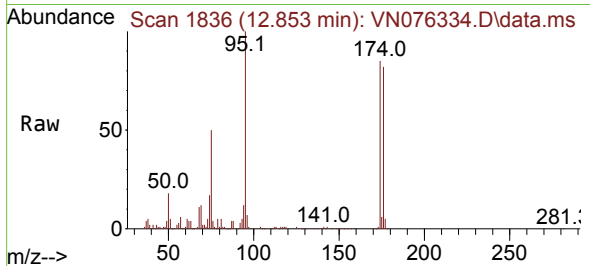




#76
1,2,3-Trichloropropane
Concen: 26.321 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.141 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

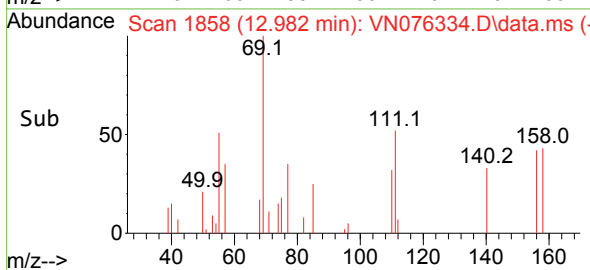
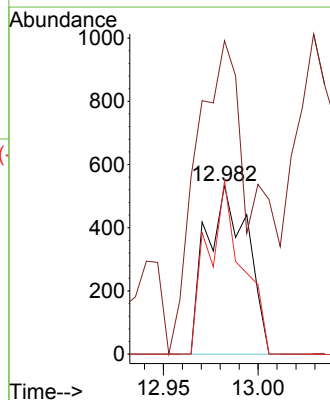
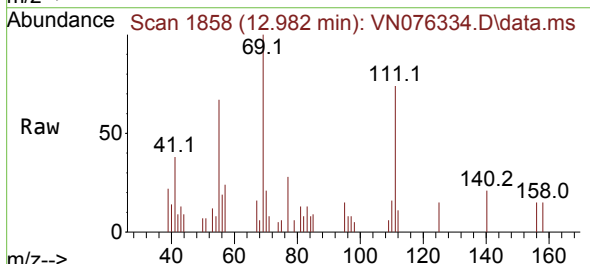
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

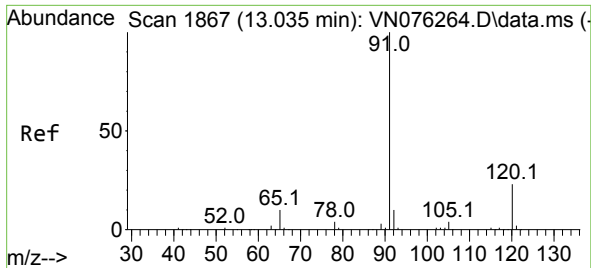
Tgt Ion: 75 Resp: 108180
Ion Ratio Lower Upper
75 100
77 1.6 75.2 225.6#



#77
Bromobenzene
Concen: Below Cal
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion:156 Resp: 805
Ion Ratio Lower Upper
156 100
77 260.9 93.4 280.2
158 86.7 48.4 145.2

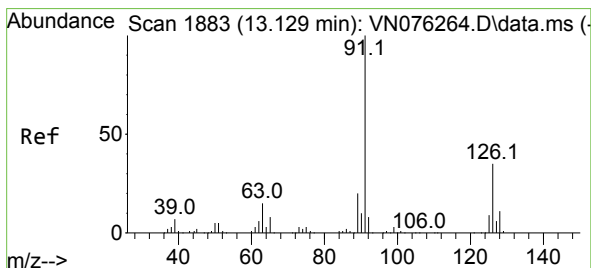
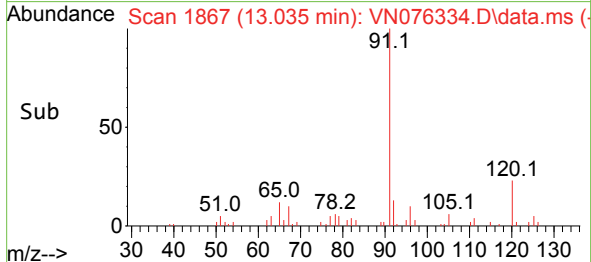
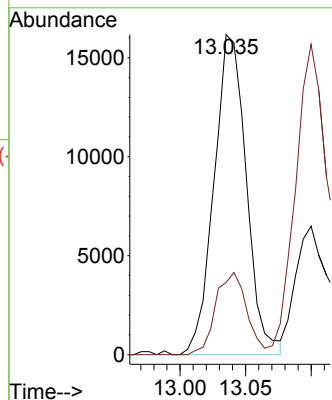
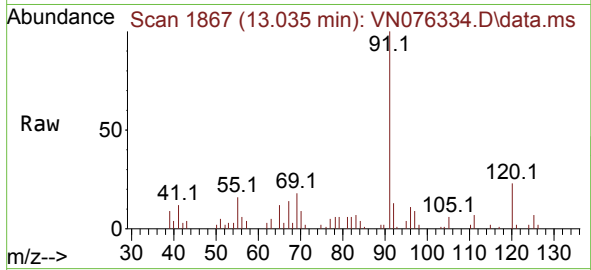




#78
n-propylbenzene
Concen: 1.431 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

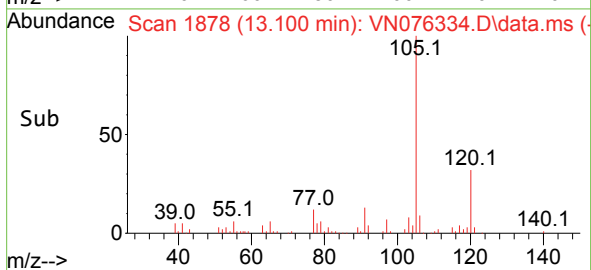
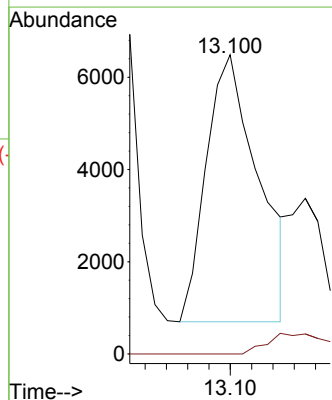
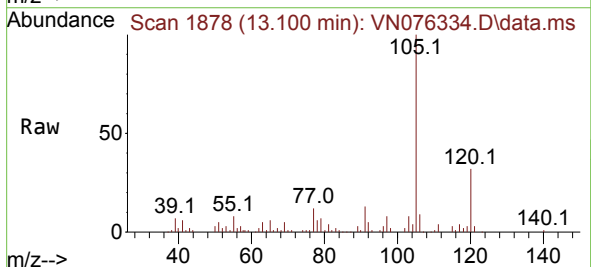
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

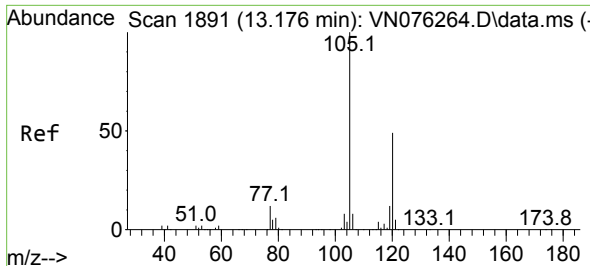
Tgt Ion: 91 Resp: 27700
Ion Ratio Lower Upper
91 100
120 24.6 11.9 35.5



#79
2-Chlorotoluene
Concen: 0.826 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 91 Resp: 9813
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#

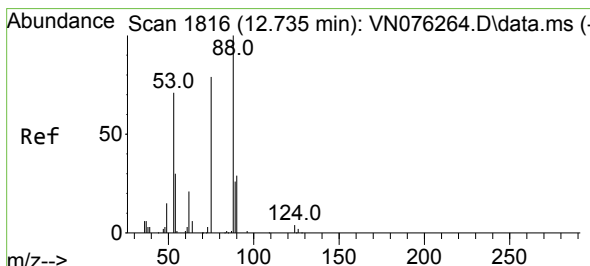
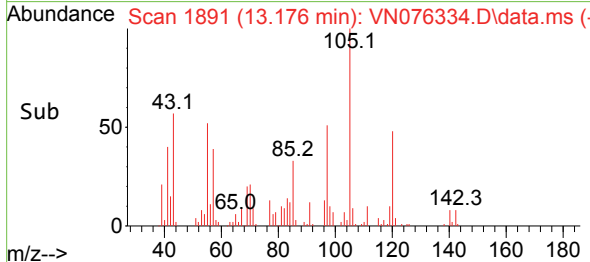
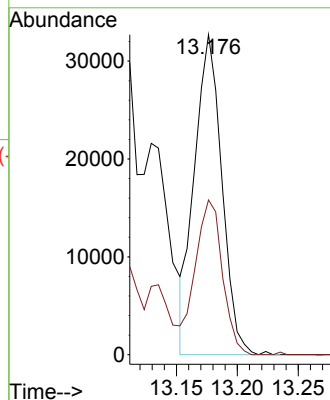
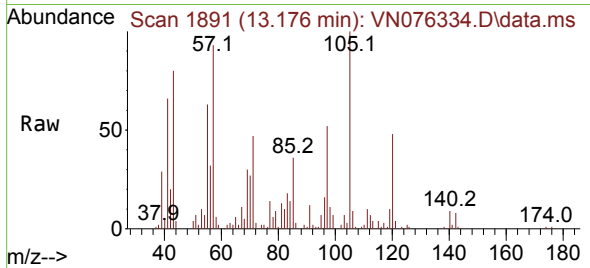




#80
1,3,5-Trimethylbenzene
Concen: 3.557 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

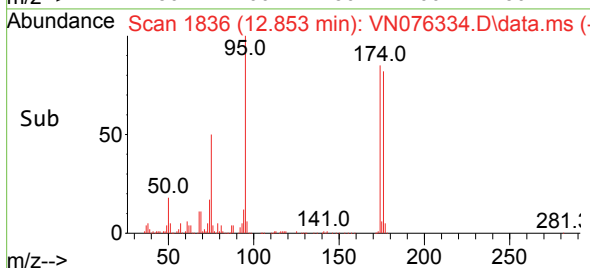
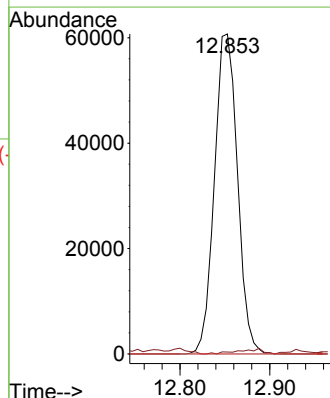
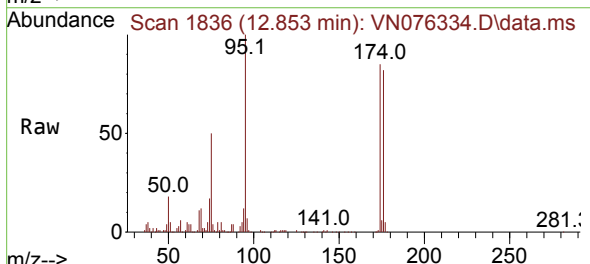
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

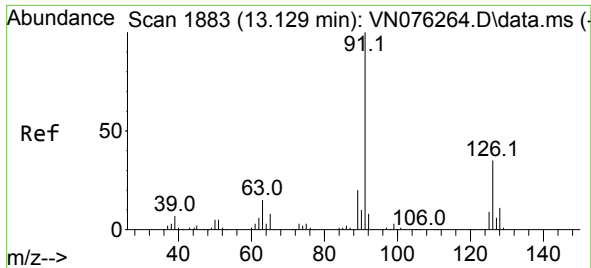
Tgt Ion:105 Resp: 51131
Ion Ratio Lower Upper
105 100
120 47.8 25.0 75.0



#81
trans-1,4-Dichloro-2-butene
Concen: 81.140 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.118 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 75 Resp: 108180
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 37.0 55.6#

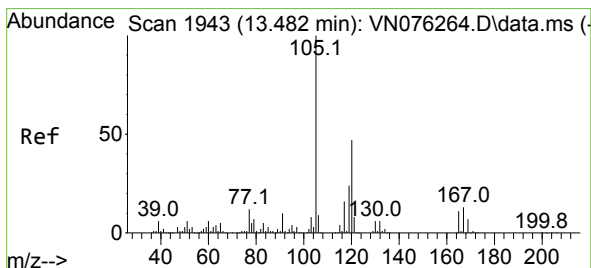
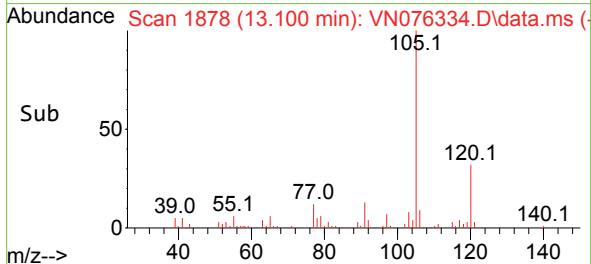
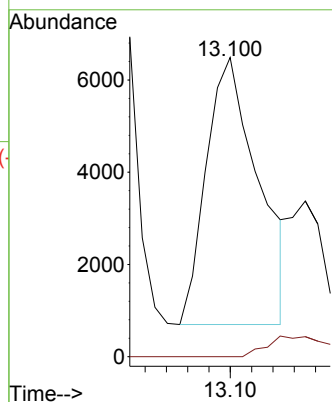
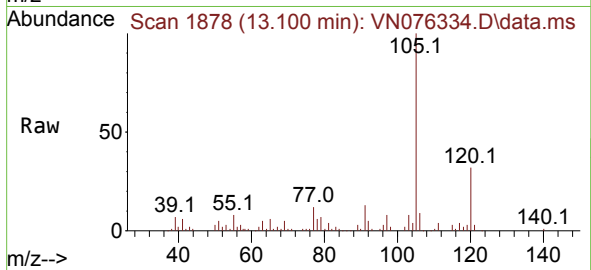




#82
4-Chlorotoluene
Concen: 0.826 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

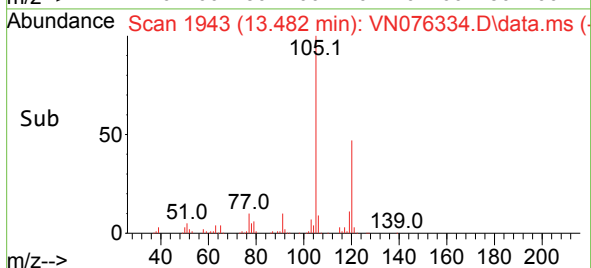
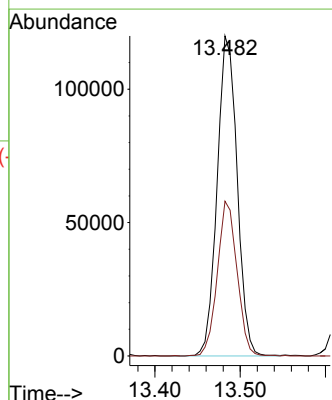
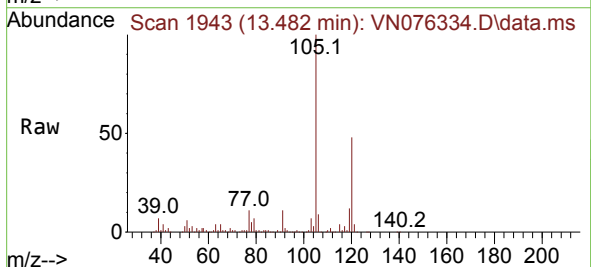
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

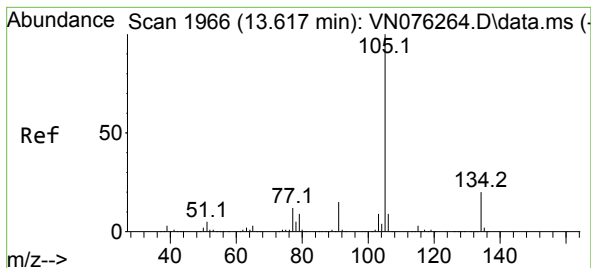
Tgt Ion: 91 Resp: 9813
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#



#84
1,2,4-Trimethylbenzene
Concen: 13.576 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 105 Resp: 195705
Ion Ratio Lower Upper
105 100
120 47.6 22.9 68.5





#85

sec-Butylbenzene

Concen: 1.442 ug/l

RT: 13.623 min Scan# 1967

Delta R.T. 0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

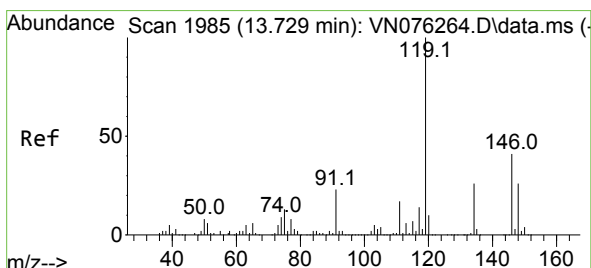
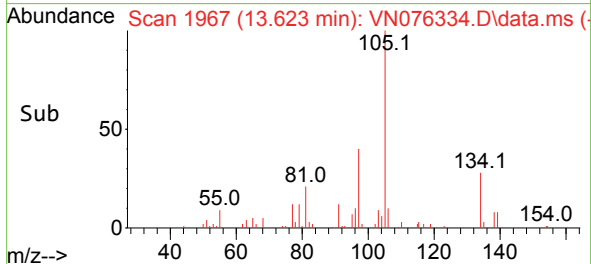
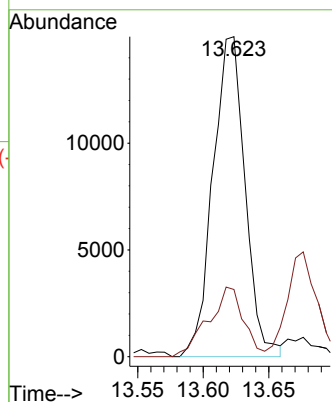
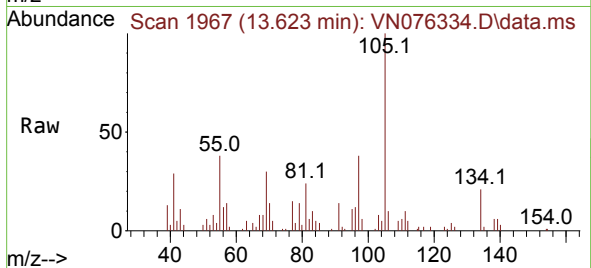
PE-2ME

Tgt Ion:105 Resp: 25589

Ion Ratio Lower Upper

105 100

134 23.8 10.3 30.8



#86

p-Isopropyltoluene

Concen: 1.161 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. 0.000 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

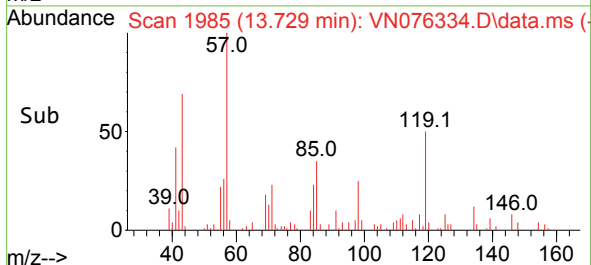
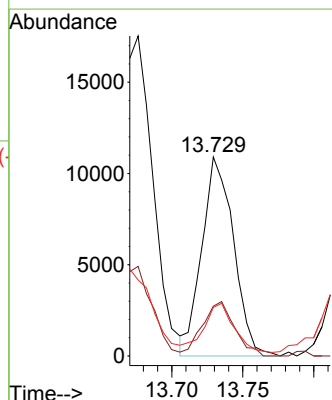
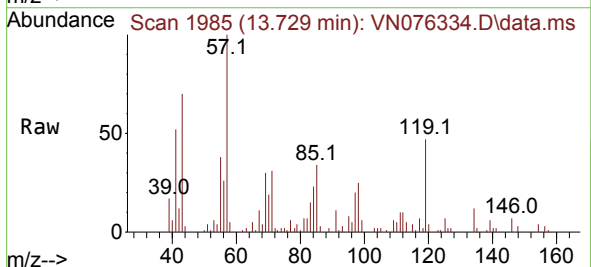
Tgt Ion:119 Resp: 16932

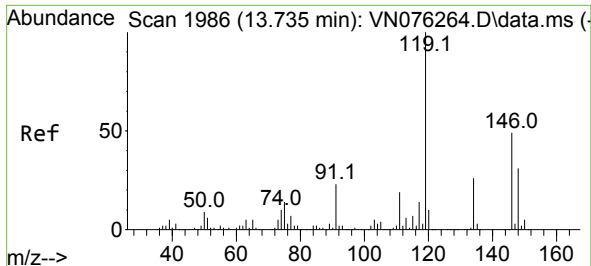
Ion Ratio Lower Upper

119 100

134 27.7 13.2 39.6

91 23.4 11.8 35.3





#87

1,3-Dichlorobenzene

Concen: 0.278 ug/l

RT: 13.729 min Scan# 1985

Delta R.T. -0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

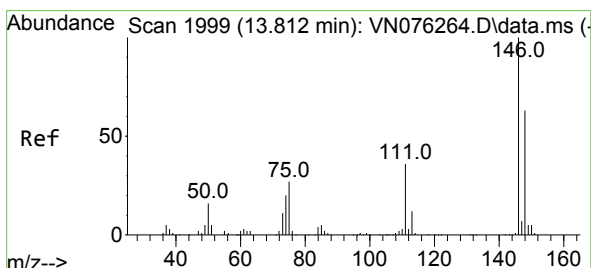
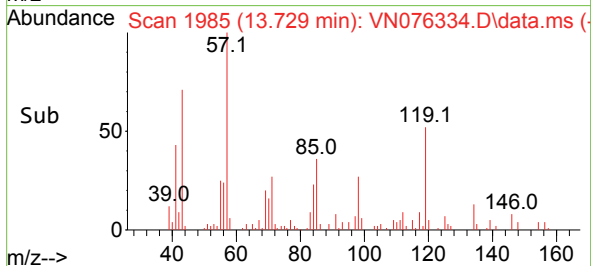
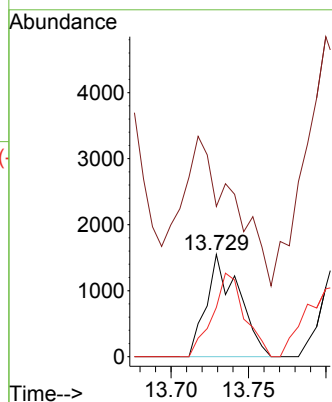
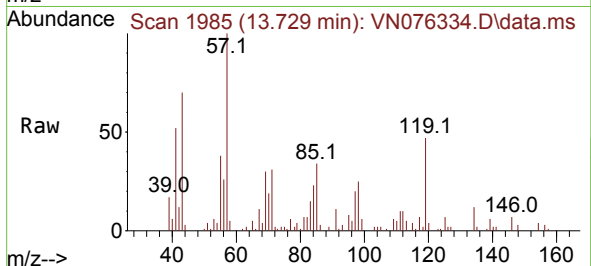
Tgt Ion:146 Resp: 2248

Ion Ratio Lower Upper

146 100

111 229.1 19.9 59.7#

148 80.6 31.6 94.8



#88

1,4-Dichlorobenzene

Concen: 0.584 ug/l

RT: 13.817 min Scan# 2000

Delta R.T. 0.005 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

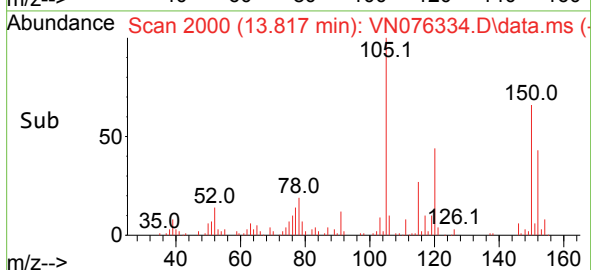
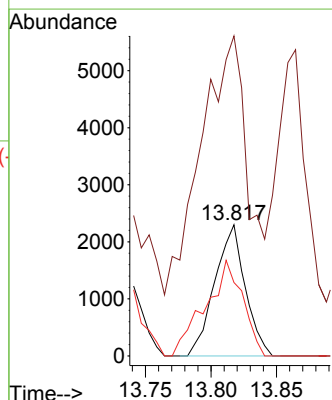
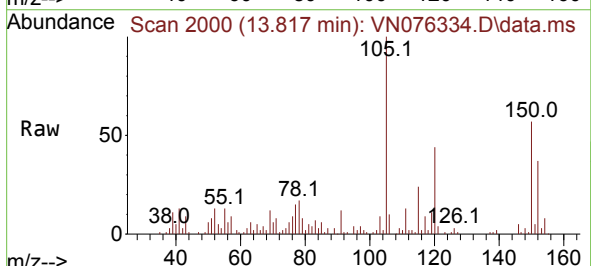
Tgt Ion:146 Resp: 3723

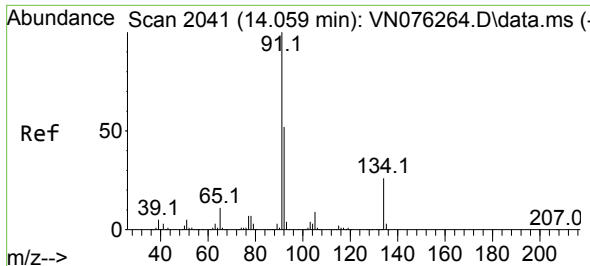
Ion Ratio Lower Upper

146 100

111 293.7 19.1 57.5#

148 88.7 31.9 95.9

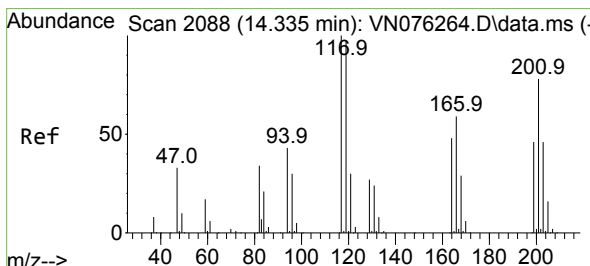
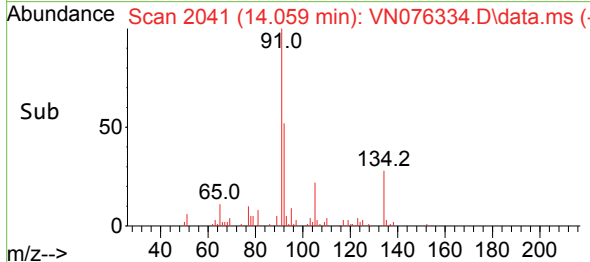
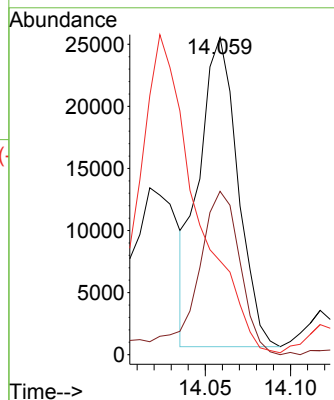
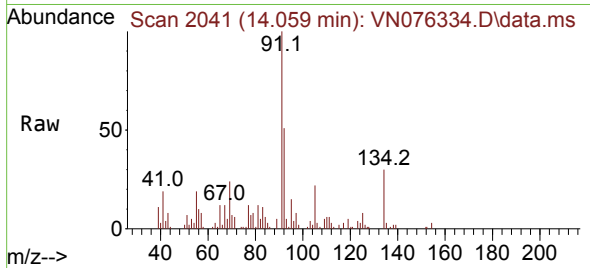




#89
n-Butylbenzene
Concen: 3.407 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

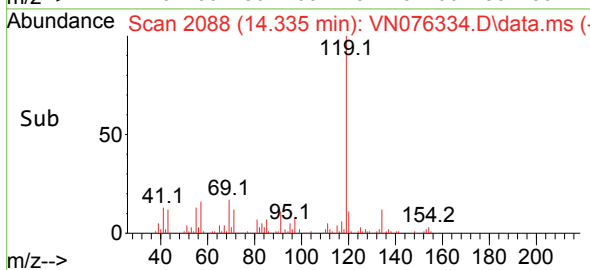
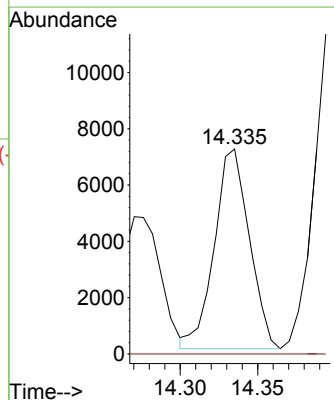
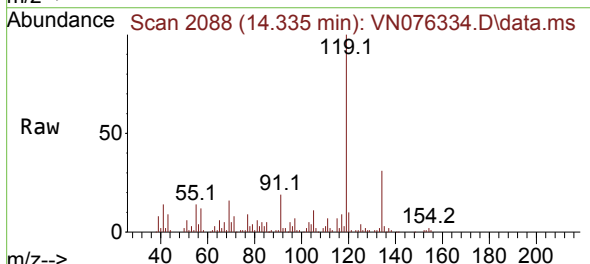
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

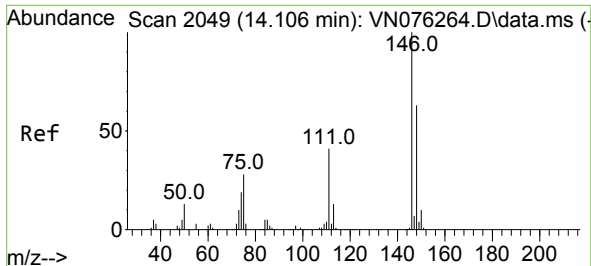
Tgt Ion: 91 Resp: 39456
Ion Ratio Lower Upper
91 100
92 57.3 26.3 78.9
134 0.0 13.2 39.5#



#90
Hexachloroethane
Concen: 4.415 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Tgt Ion: 117 Resp: 11117
Ion Ratio Lower Upper
117 100
201 0.0 37.3 111.9#





#91

1,2-Dichlorobenzene

Concen: 0.307 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

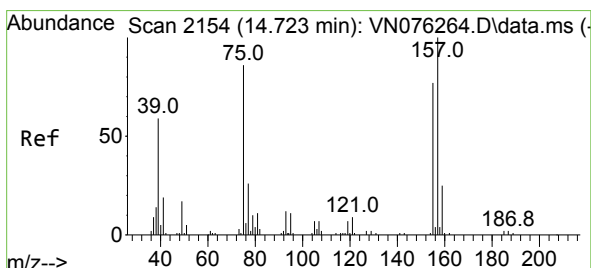
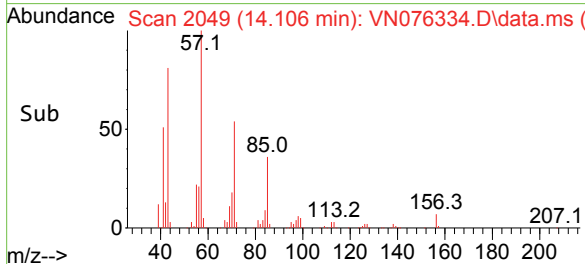
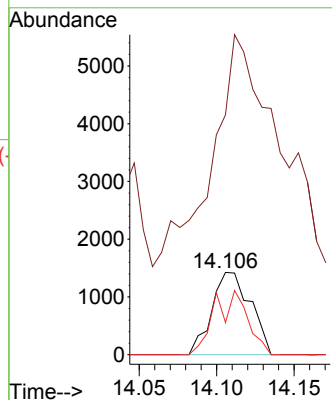
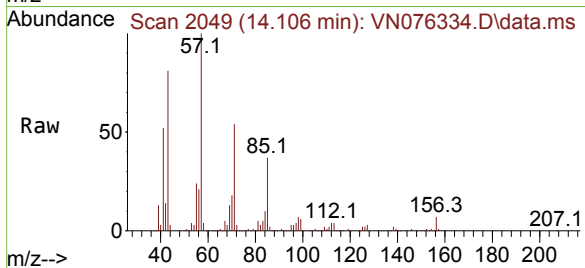
Tgt Ion:146 Resp: 2471

Ion Ratio Lower Upper

146 100

111 536.0 20.3 60.8#

148 67.0 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.988 ug/l

RT: 14.735 min Scan# 2156

Delta R.T. 0.012 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

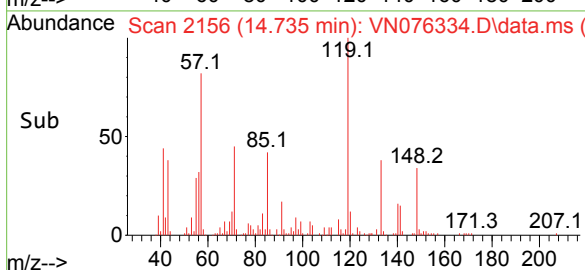
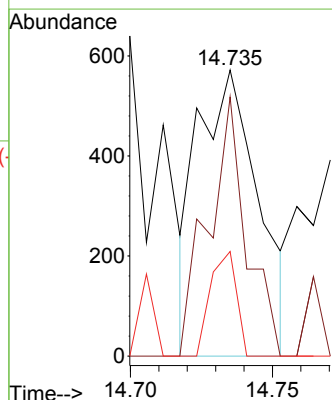
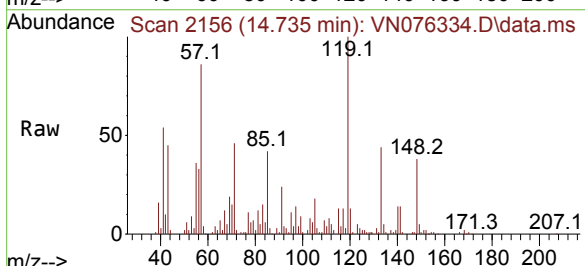
Tgt Ion: 75 Resp: 847

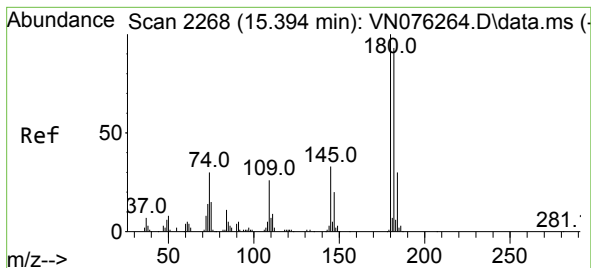
Ion Ratio Lower Upper

75 100

155 57.4 45.0 135.0

157 15.7 58.3 174.9#





#93

1,2,4-Trichlorobenzene

Concen: 2.401 ug/l

RT: 15.394 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

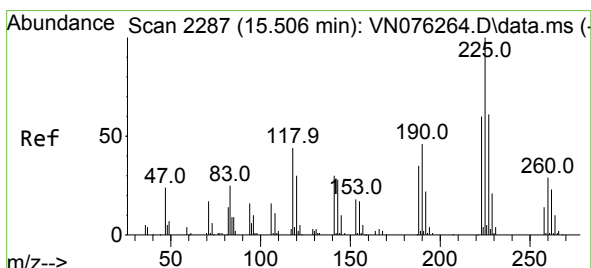
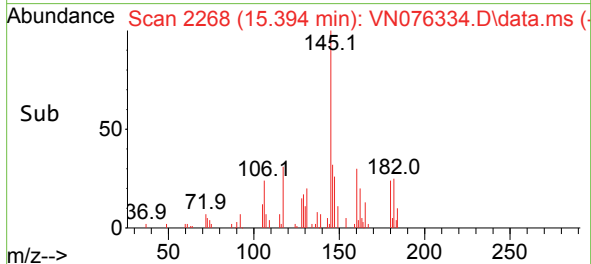
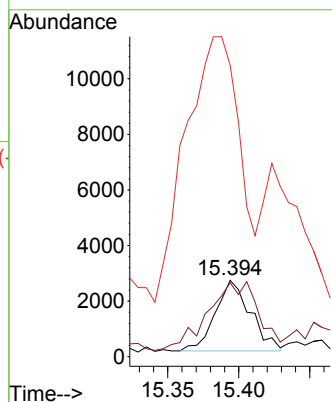
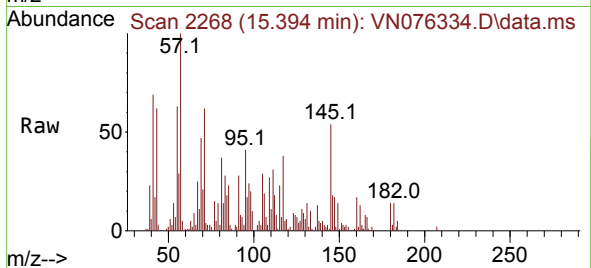
Tgt Ion:180 Resp: 4381

Ion Ratio Lower Upper

180 100

182 0.0 47.0 141.2#

145 588.5 15.2 45.5#



#94

Hexachlorobutadiene

Concen: 0.204 ug/l

RT: 15.506 min Scan# 2287

Delta R.T. -0.000 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

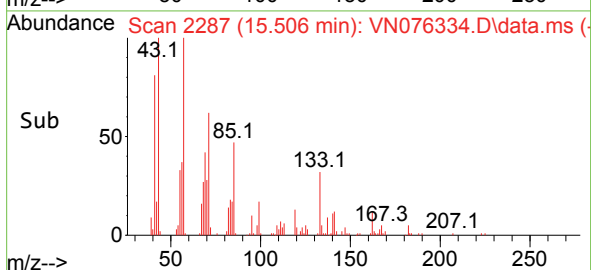
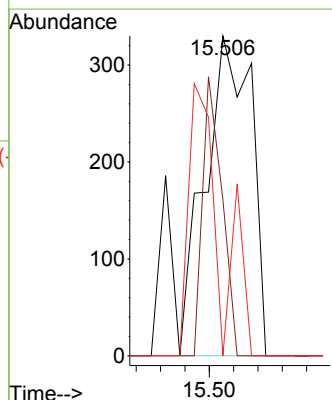
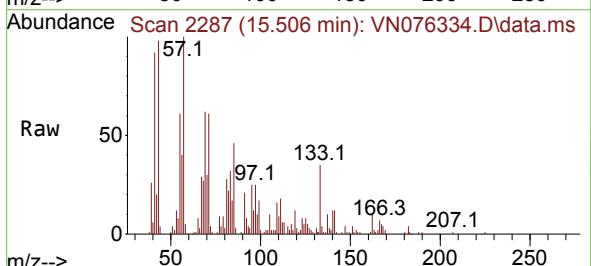
Tgt Ion:225 Resp: 436

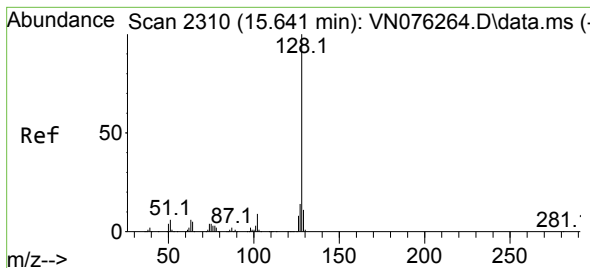
Ion Ratio Lower Upper

225 100

223 36.2 30.8 92.3

227 56.9 30.9 92.8





#95

Naphthalene

Concen: 7.835 ug/l

RT: 15.641 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

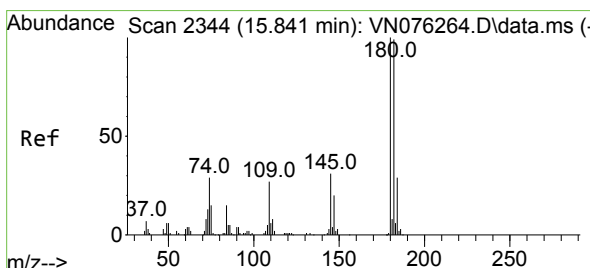
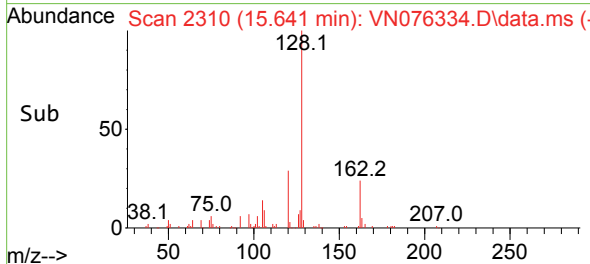
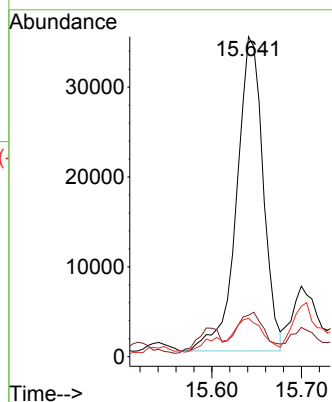
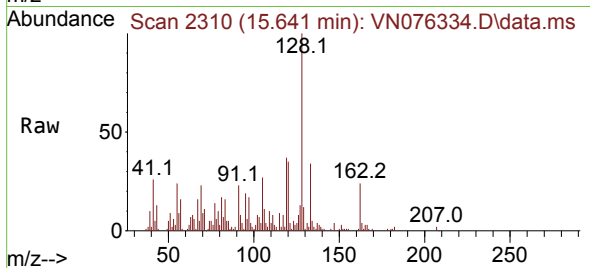
Tgt Ion:128 Resp: 71752

Ion Ratio Lower Upper

128 100

127 11.4 10.3 15.5

129 10.4 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 3.215 ug/l

RT: 15.847 min Scan# 2345

Delta R.T. 0.006 min

Lab File: VN076334.D

Acq: 19 Jan 2023 20:07

Tgt Ion:180 Resp: 7827

Ion Ratio Lower Upper

180 100

182 62.9 47.5 142.5

145 404.8 15.9 47.6#

