

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076303.D
 Acq On : 18 Jan 2023 18:42
 Operator : JC\MD
 Sample : 01190-03
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-2ME

Quant Time: Jan 19 00:53:52 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	392354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	600798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	509722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	198283	45.135	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	90.260%
35) Dibromofluoromethane	8.171	113	172209	45.822	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.640%
50) Toluene-d8	10.565	98	680835	49.053	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	12.853	95	219631	48.472	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.940%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.518	59	2014	3.427	ug/l #	72
16) Acetone	4.465	43	703	0.426	ug/l #	41
18) Methyl Acetate	5.047	43	1738	0.364	ug/l #	54
20) Methylene Chloride	5.259	84	2327	Below Cal	#	66
25) 2-Butanone	7.506	43	774	0.360	ug/l #	40
29) Tetrahydrofuran	7.859	42	441	0.332	ug/l #	47
30) Chloroform	7.977	83	2660	0.349	ug/l #	68
31) Cyclohexane	8.224	56	7505	1.112	ug/l #	15
36) 1,1-Dichloropropene	8.224	75	27667	5.181	ug/l #	48
38) Carbon Tetrachloride	8.224	117	38744	6.506	ug/l #	17
39) Methylcyclohexane	9.588	83	1378	0.211	ug/l #	86
51) 4-Methyl-2-Pentanone	10.341	43	1017	0.249	ug/l #	32
55) 1,1,2-Trichloroethane	11.006	97	1773	0.434	ug/l #	15
59) 2-Hexanone	11.176	43	1882	0.635	ug/l #	21
67) Ethyl Benzene	11.965	91	6574	0.356	ug/l #	85
68) m/p-Xylenes	12.065	106	10719	1.450	ug/l	93
69) o-Xylene	12.400	106	6688	0.921	ug/l	96
73) Isopropylbenzene	12.700	105	4843	0.270	ug/l	94
74) N-amyl acetate	12.488	43	9413	1.826	ug/l #	62
76) 1,2,3-Trichloropropane	12.853	75	112735	26.258	ug/l #	1
77) Bromobenzene	12.982	156	55	Below Cal	#	1
78) n-propylbenzene	13.035	91	22493	1.112	ug/l	98
79) 2-Chlorotoluene	13.100	91	13384	1.078	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.176	105	43536	2.899	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.853	75	112735	80.955	ug/l #	12
82) 4-Chlorotoluene	13.100	91	13384	1.078	ug/l #	40
83) tert-Butylbenzene	13.482	119	22155	1.659	ug/l #	68
84) 1,2,4-Trimethylbenzene	13.488	105	177578	11.794	ug/l	98
85) sec-Butylbenzene	13.618	105	18773	1.013	ug/l	84
86) p-Isopropyltoluene	13.735	119	13830	0.908	ug/l	98
89) n-Butylbenzene	14.059	91	32025	2.647	ug/l #	79
90) Hexachloroethane	14.335	117	9535	3.625	ug/l #	12
93) 1,2,4-Trichlorobenzene	15.400	180	1572	1.682	ug/l #	1
95) Naphthalene	15.647	128	42704	5.256	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.864	180	2557	1.798	ug/l #	26

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QLast Update : Tue Jan 17 03:59:22 2023
Response via : Initial Calibration

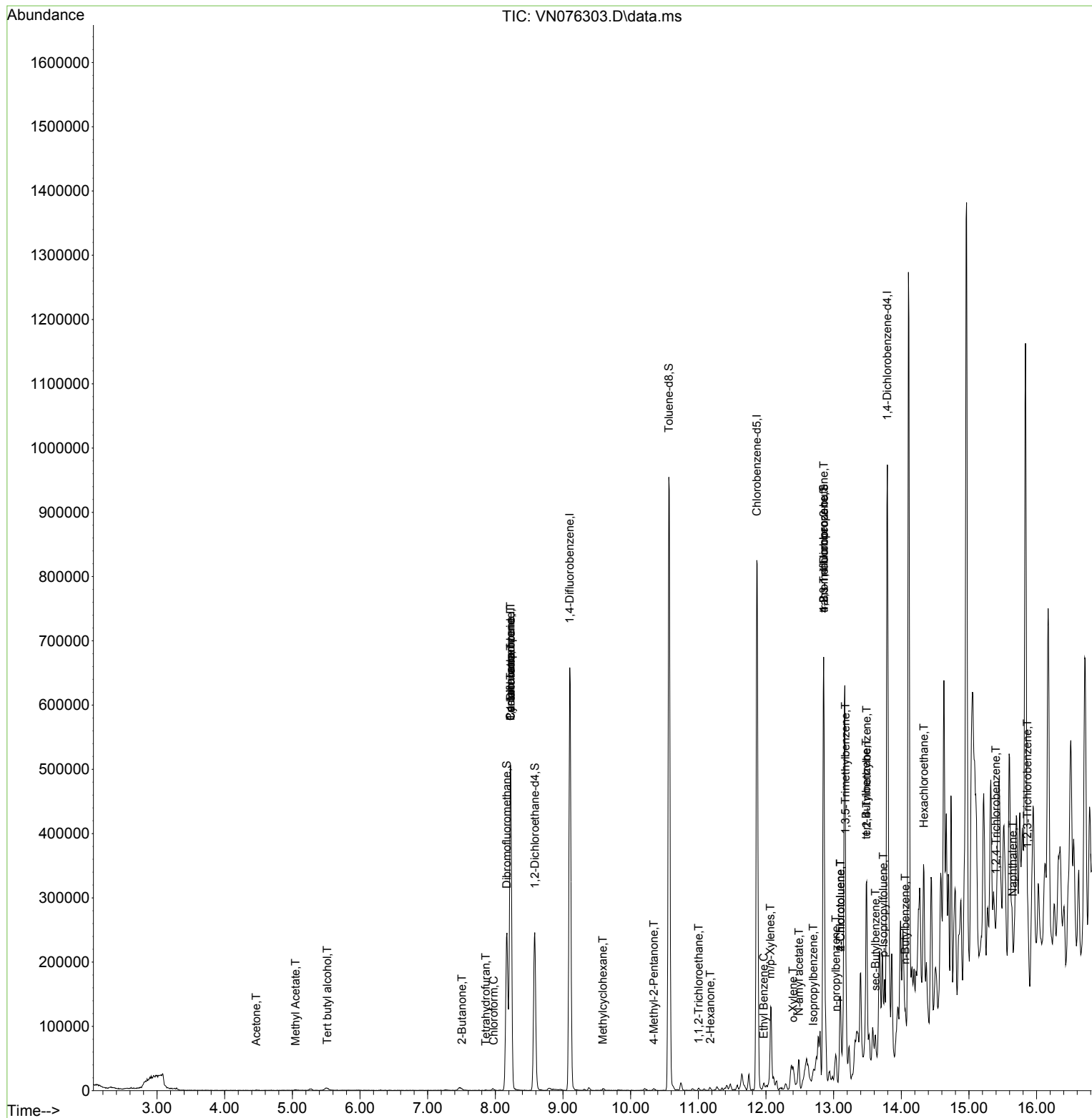
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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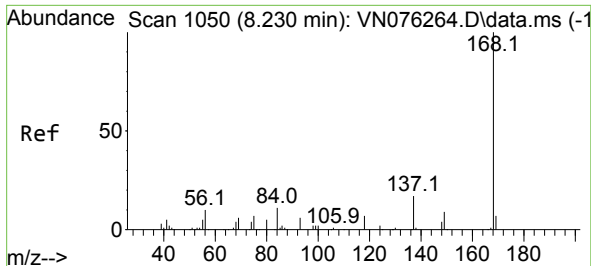
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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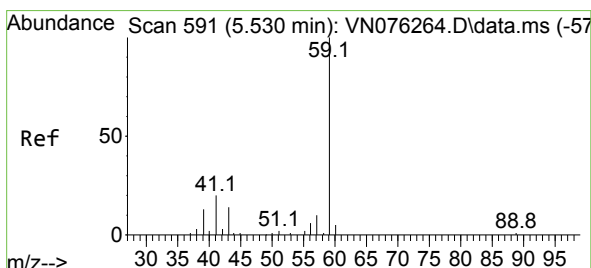
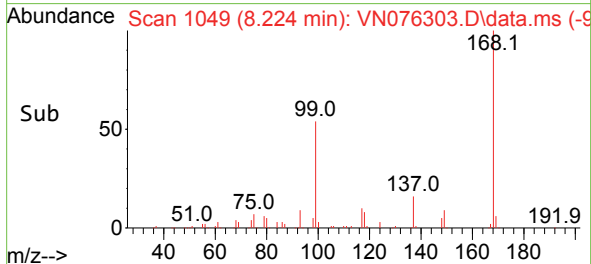
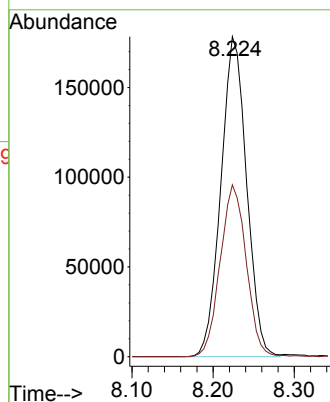
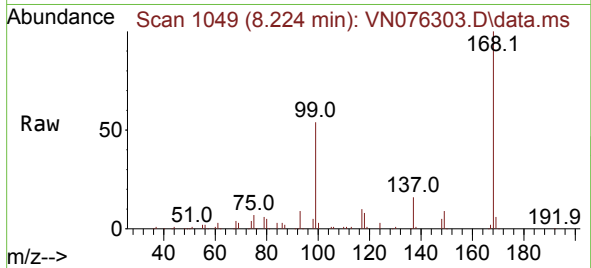




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

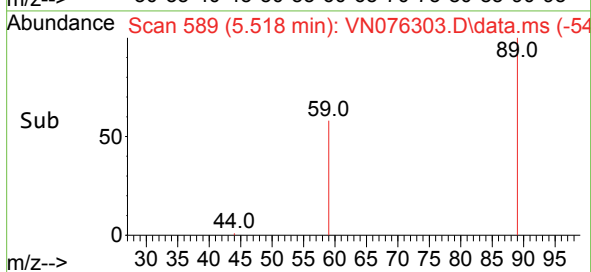
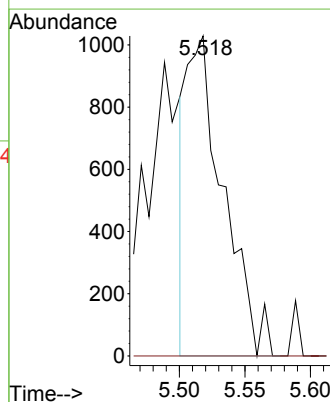
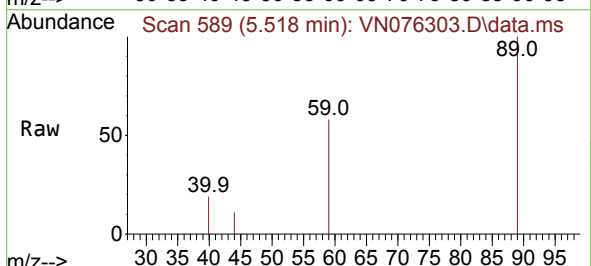
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

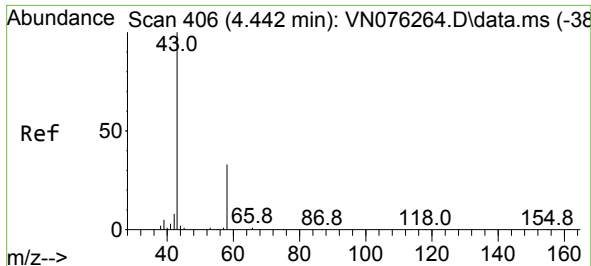
Tgt Ion:168 Resp: 392354
Ion Ratio Lower Upper
168 100
99 53.7 41.6 62.4



#11
Tert butyl alcohol
Concen: 3.427 ug/l
RT: 5.518 min Scan# 589
Delta R.T. -0.012 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 59 Resp: 2014
Ion Ratio Lower Upper
59 100
57 0.0 8.5 12.7#

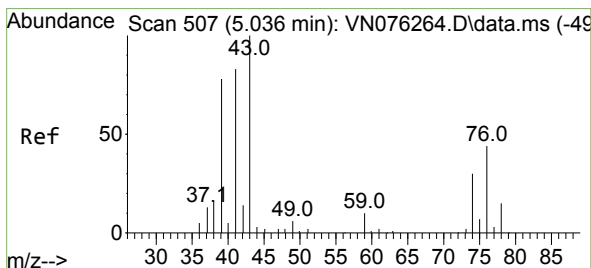
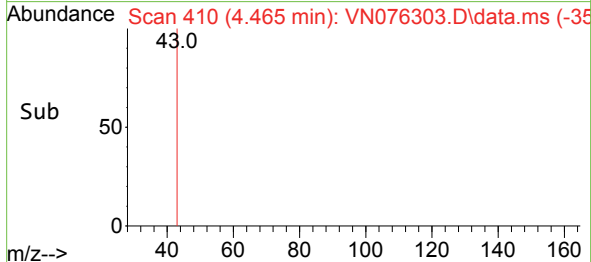
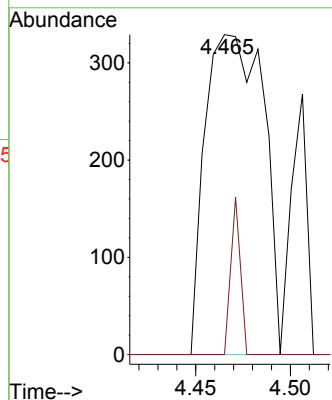
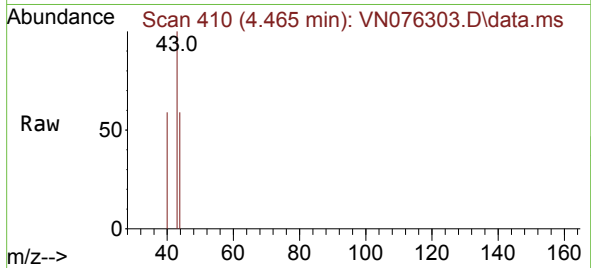




#16
Acetone
Concen: 0.426 ug/l
RT: 4.465 min Scan# 410
Delta R.T. 0.023 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

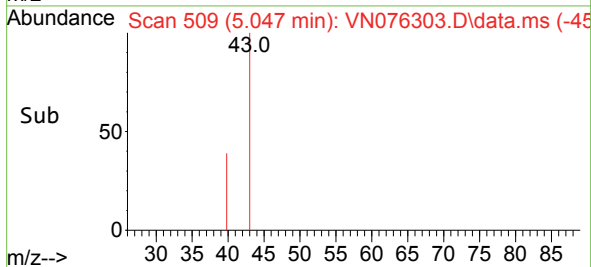
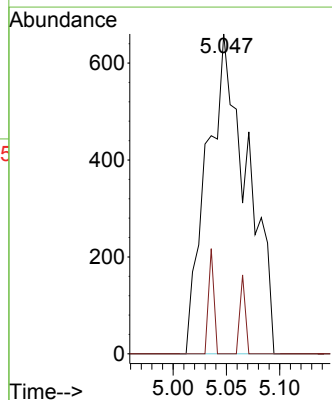
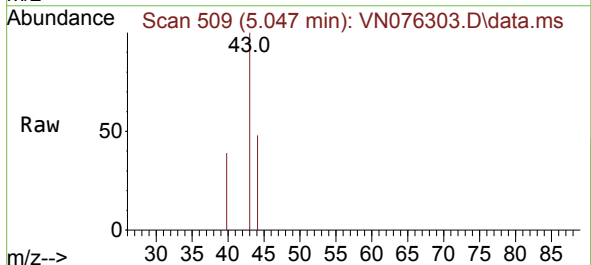
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

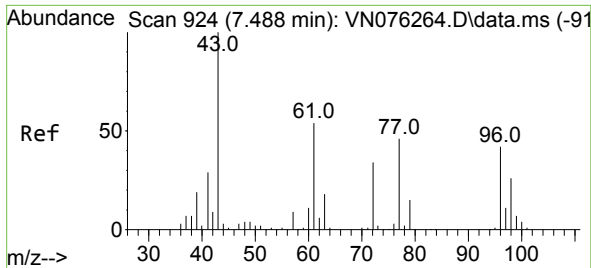
Tgt Ion: 43 Resp: 703
Ion Ratio Lower Upper
43 100
58 0.0 26.7 40.1#



#18
Methyl Acetate
Concen: 0.364 ug/l
RT: 5.047 min Scan# 509
Delta R.T. 0.011 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
74 4.4 23.3 34.9#

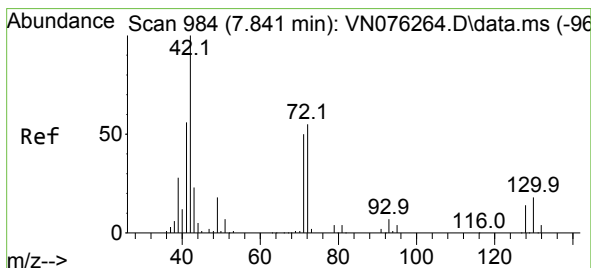
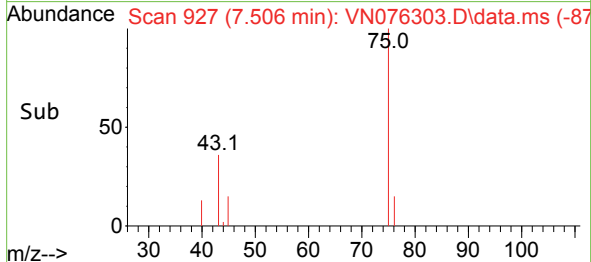
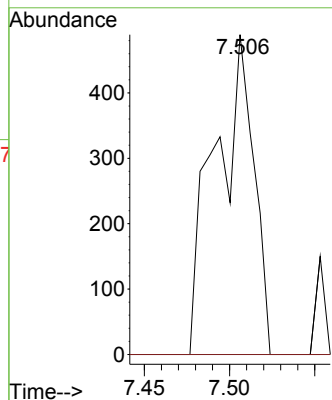
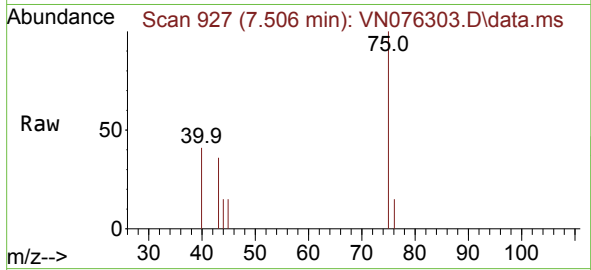




#25
2-Butanone
Concen: 0.360 ug/l
RT: 7.506 min Scan# 91
Delta R.T. 0.018 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

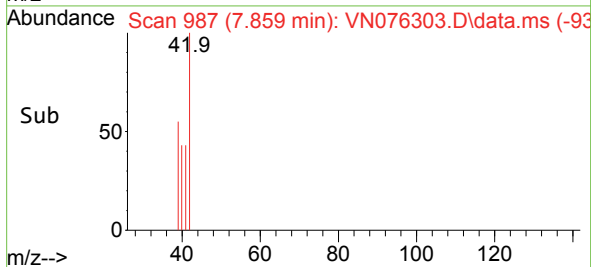
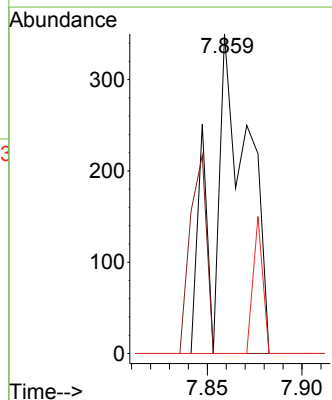
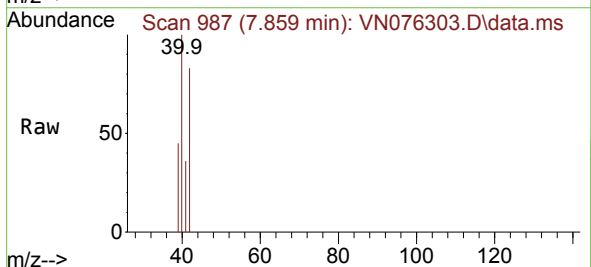
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

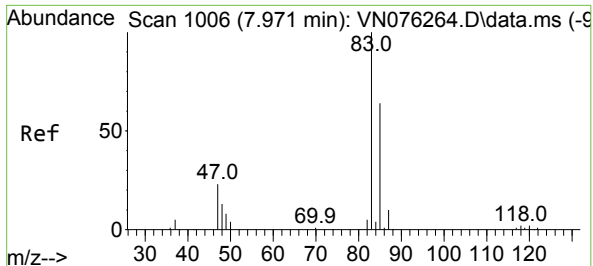
Tgt Ion: 43 Resp: 774
Ion Ratio Lower Upper
43 100
72 0.0 27.4 41.2#



#29
Tetrahydrofuran
Concen: 0.332 ug/l
RT: 7.859 min Scan# 987
Delta R.T. 0.018 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 42 Resp: 441
Ion Ratio Lower Upper
42 100
72 29.9 44.0 66.0#
71 0.0 41.1 61.7#

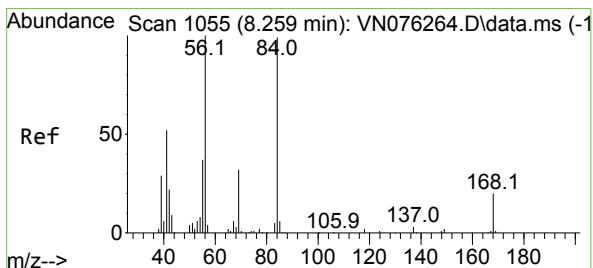
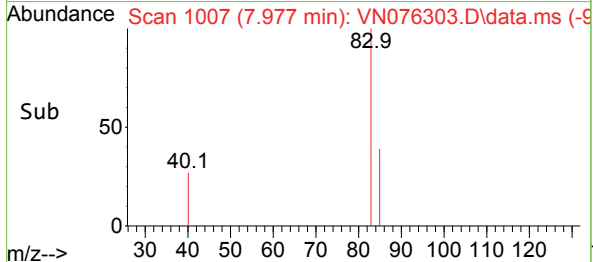
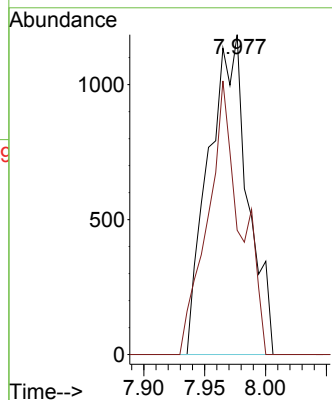
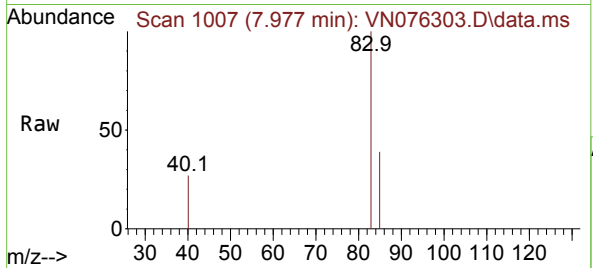




#30
Chloroform
Concen: 0.349 ug/l
RT: 7.977 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

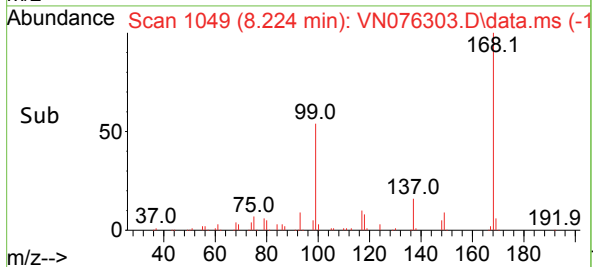
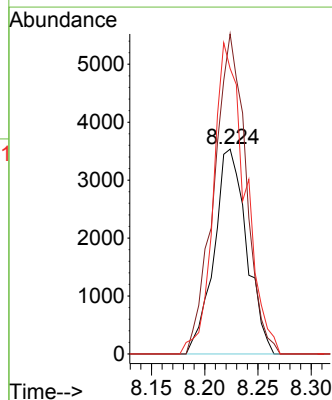
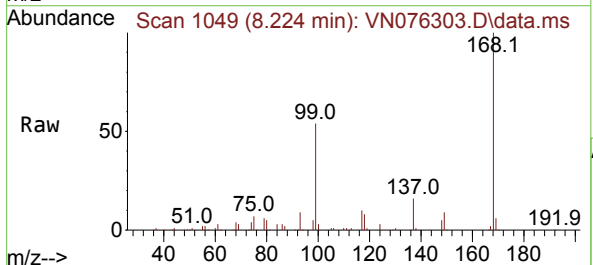
Instrument :
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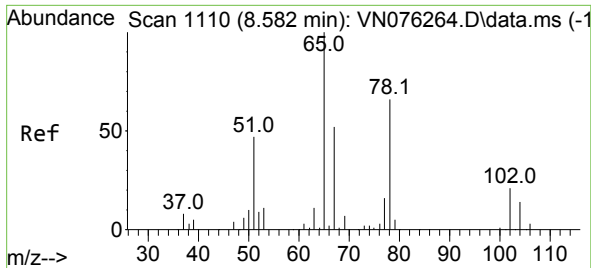
Tgt Ion: 83 Resp: 2660
Ion Ratio Lower Upper
83 100
85 38.9 51.0 76.6#



#31
Cyclohexane
Concen: 1.112 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.035 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 56 Resp: 7505
Ion Ratio Lower Upper
56 100
69 156.2 25.8 38.8#
84 139.4 79.0 118.4#





#33

1,2-Dichloroethane-d4

Concen: 45.135 ug/l

RT: 8.583 min Scan# 1110

Delta R.T. 0.001 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

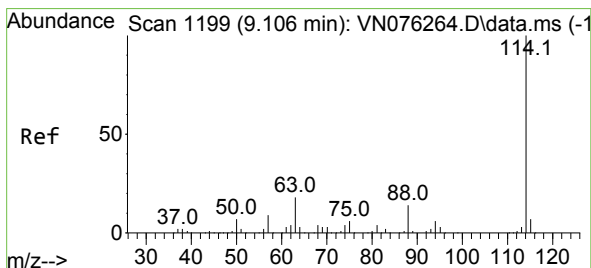
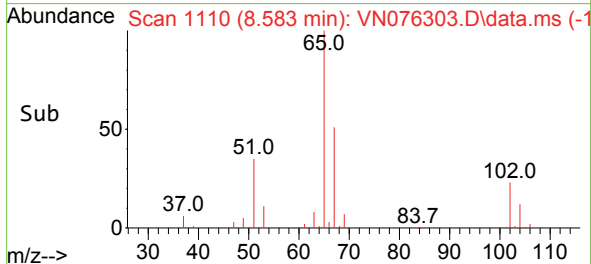
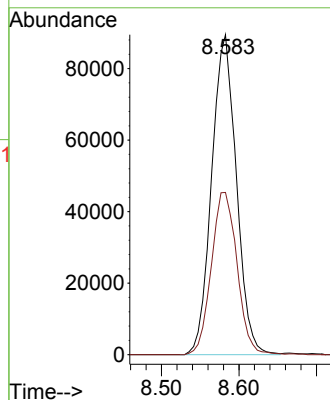
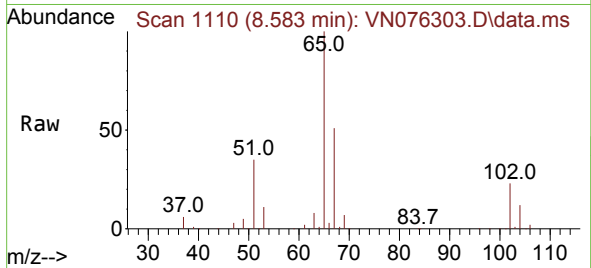
PE-2ME

Tgt Ion: 65 Resp: 198283

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# 1198

Delta R.T. -0.006 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

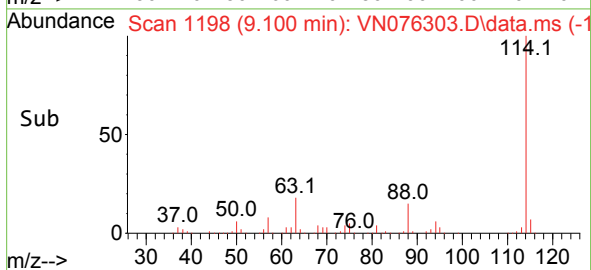
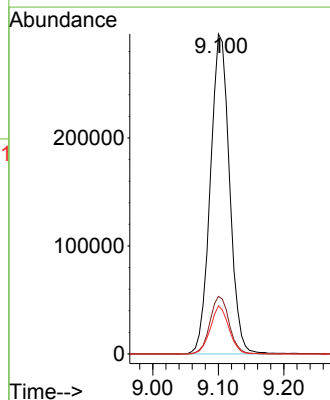
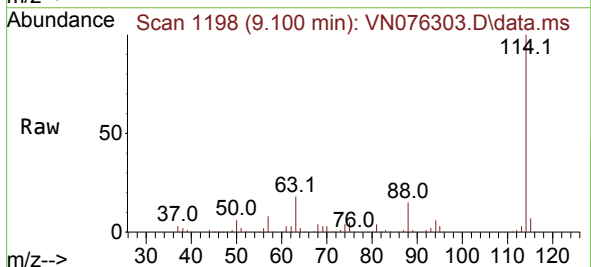
Tgt Ion: 114 Resp: 600798

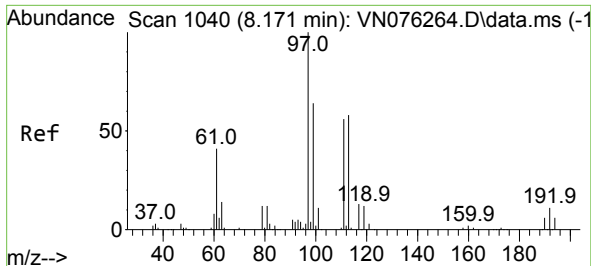
Ion Ratio Lower Upper

114 100

63 18.0 0.0 35.8

88 15.0 0.0 28.0

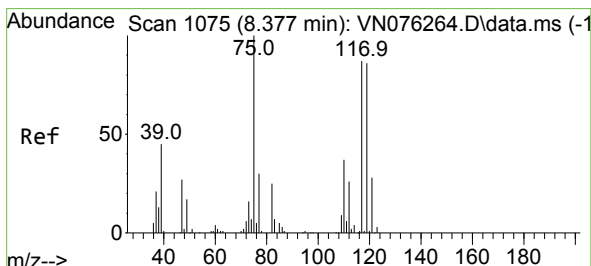
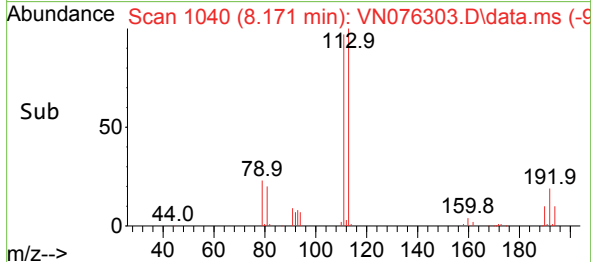
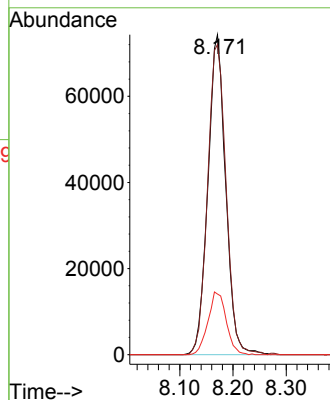
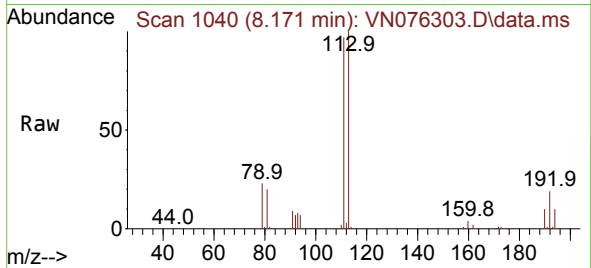




#35
Dibromofluoromethane
Concen: 45.822 ug/l
RT: 8.171 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

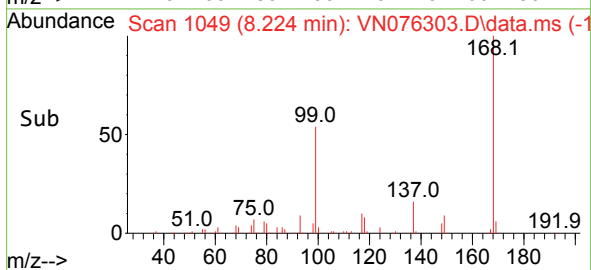
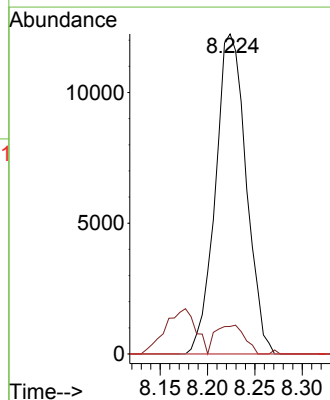
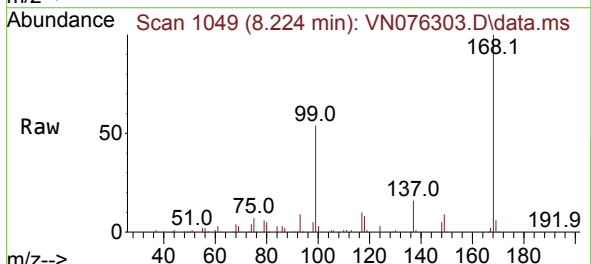
Instrument :
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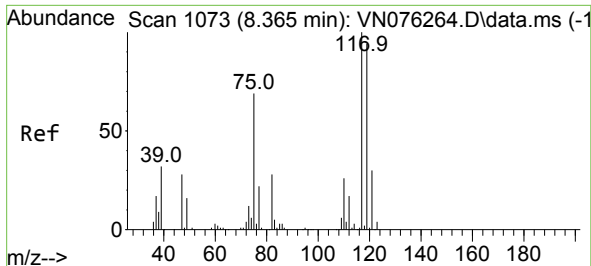
Tgt Ion:113 Resp: 172209
Ion Ratio Lower Upper
113 100
111 100.9 82.7 124.1
192 20.2 15.6 23.4



#36
1,1-Dichloropropene
Concen: 5.181 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.153 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 75 Resp: 27667
Ion Ratio Lower Upper
75 100
110 8.5 18.8 56.3#
77 0.0 25.0 37.4#

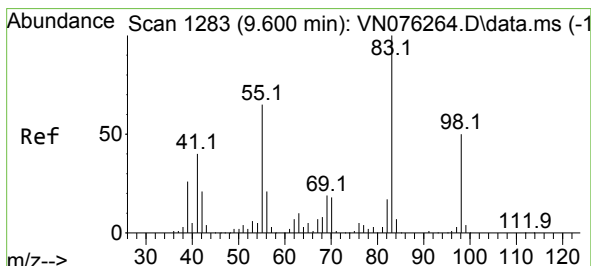
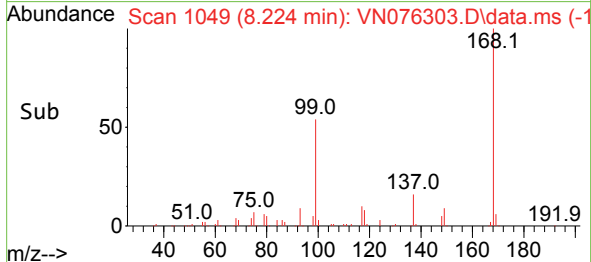
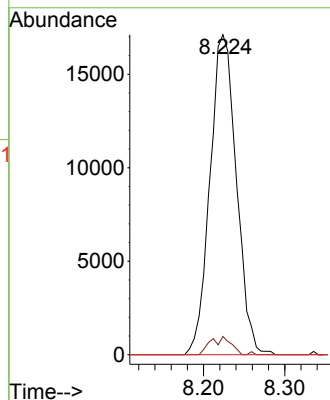
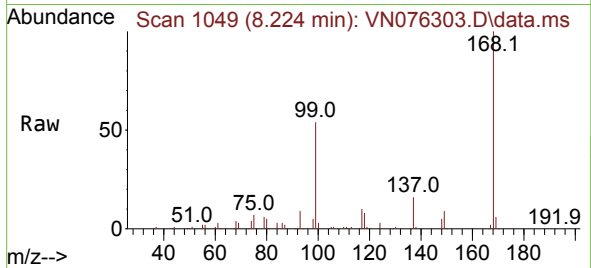




#38
Carbon Tetrachloride
Concen: 6.506 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.141 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

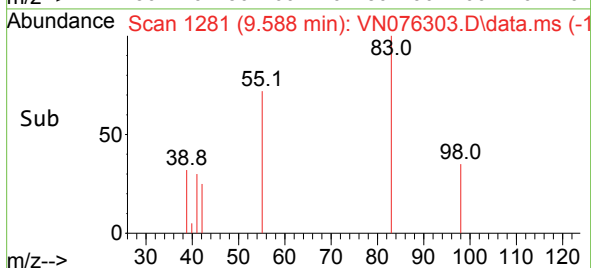
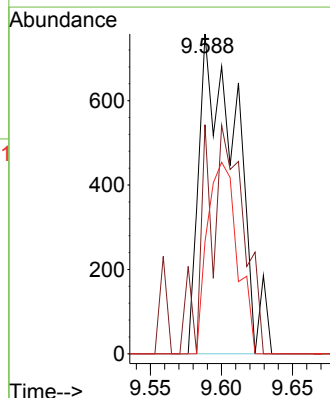
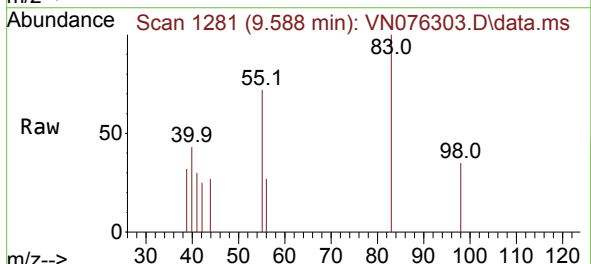
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

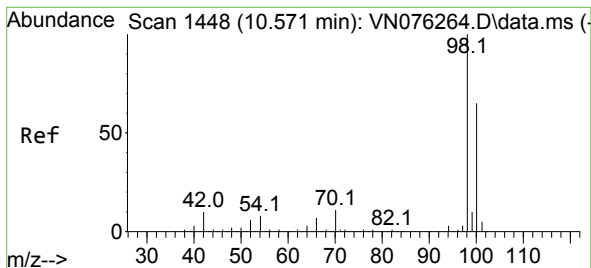
Tgt Ion:117 Resp: 38744
Ion Ratio Lower Upper
117 100
119 5.7 75.4 113.0#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.211 ug/l
RT: 9.588 min Scan# 1281
Delta R.T. -0.012 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 83 Resp: 1378
Ion Ratio Lower Upper
83 100
55 71.6 51.7 77.5
98 35.1 40.0 60.0#





#50

Toluene-d8

Concen: 49.053 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

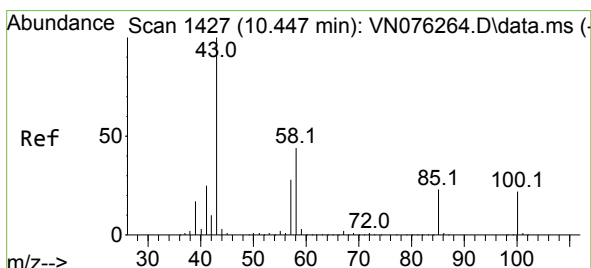
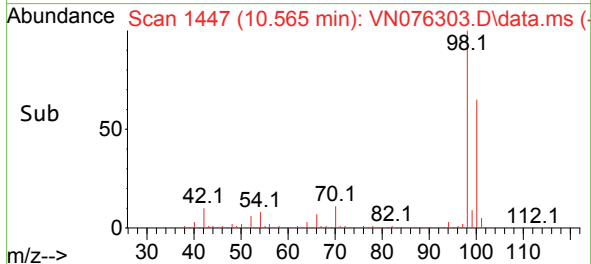
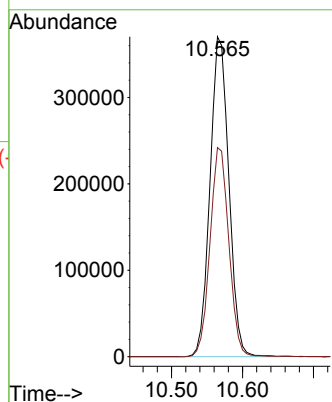
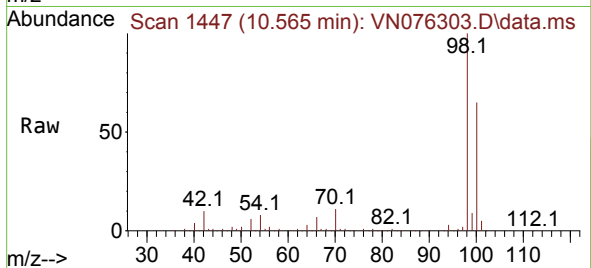
PE-2ME

Tgt Ion: 98 Resp: 680835

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#51

4-Methyl-2-Pentanone

Concen: 0.249 ug/l

RT: 10.341 min Scan# 1409

Delta R.T. -0.106 min

Lab File: VN076303.D

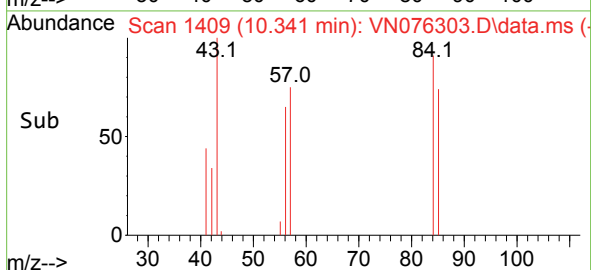
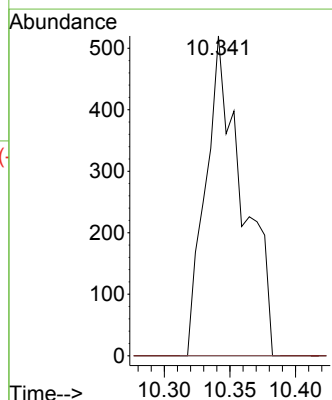
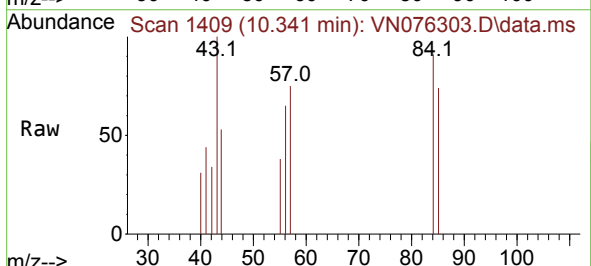
Acq: 18 Jan 2023 18:42

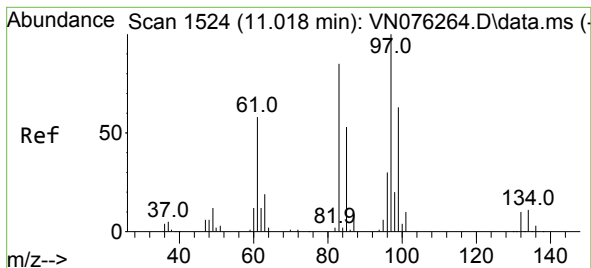
Tgt Ion: 43 Resp: 1017

Ion Ratio Lower Upper

43 100

58 0.0 35.1 52.7#





#55

1,1,2-Trichloroethane

Concen: 0.434 ug/l

RT: 11.006 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

Tgt Ion: 97 Resp: 1773

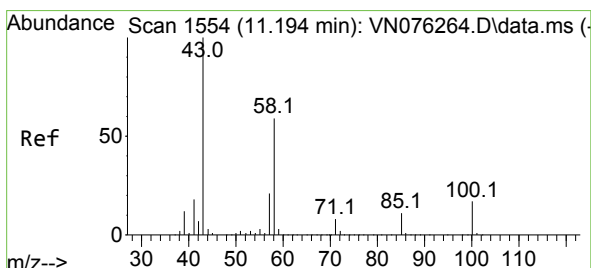
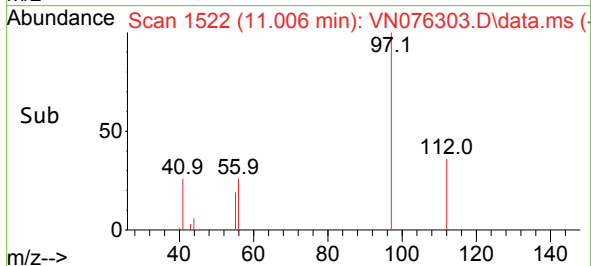
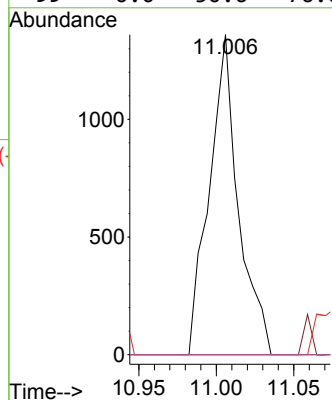
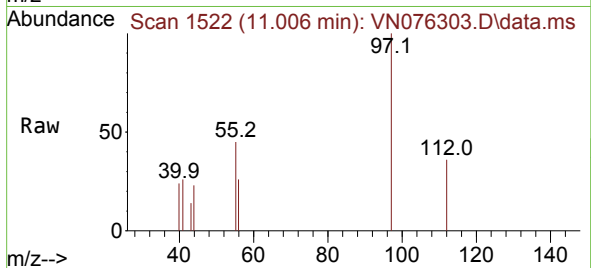
Ion Ratio Lower Upper

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: 0.635 ug/l

RT: 11.176 min Scan# 1551

Delta R.T. -0.018 min

Lab File: VN076303.D

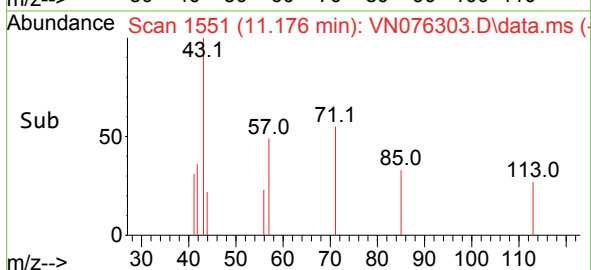
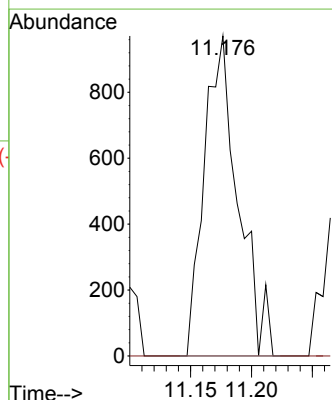
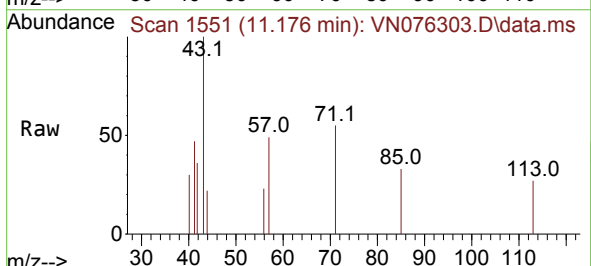
Acq: 18 Jan 2023 18:42

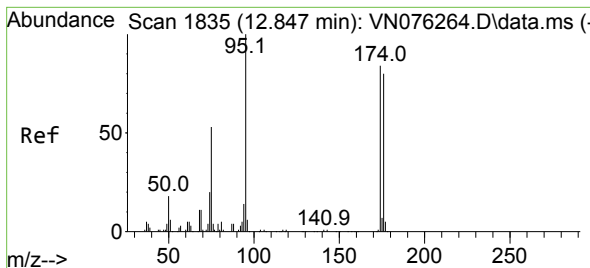
Tgt Ion: 43 Resp: 1882

Ion Ratio Lower Upper

43 100

58 0.0 30.1 90.3#

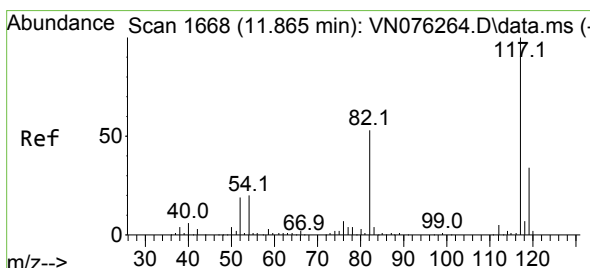
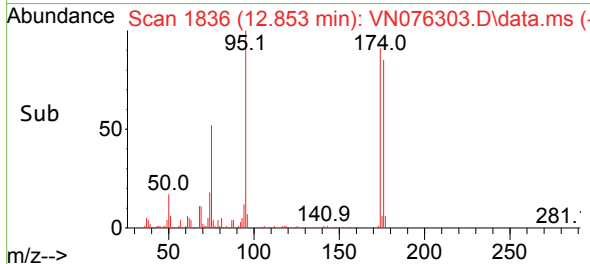
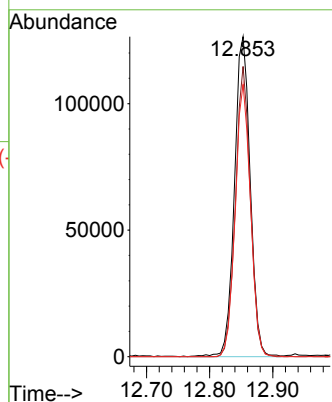
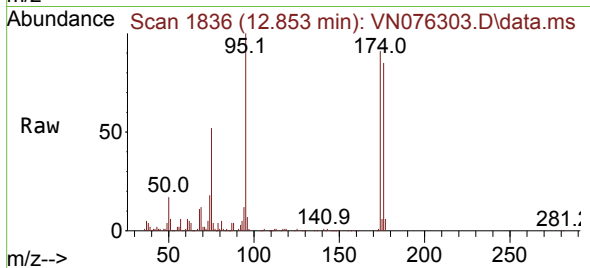




#62
4-Bromofluorobenzene
Concen: 48.472 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

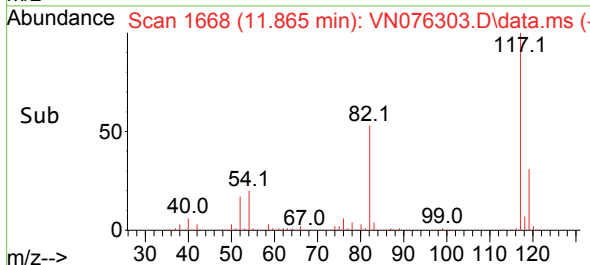
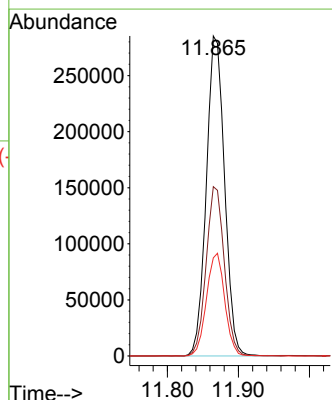
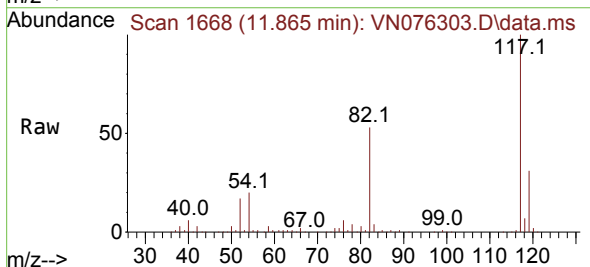
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

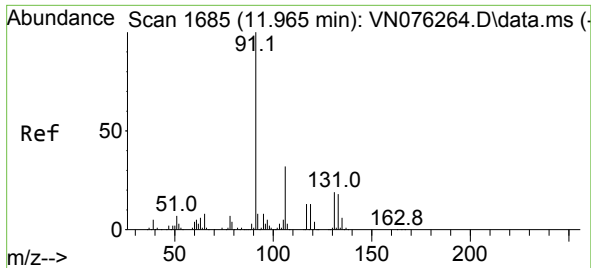
Tgt Ion: 95 Resp: 219631
Ion Ratio Lower Upper
95 100
174 85.3 0.0 174.6
176 82.2 0.0 167.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 117 Resp: 509722
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 30.6 26.9 40.3

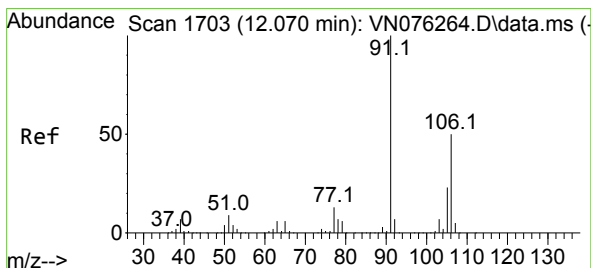
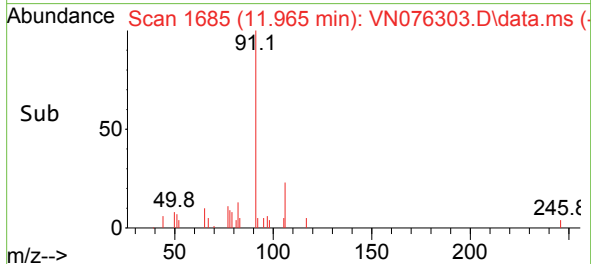
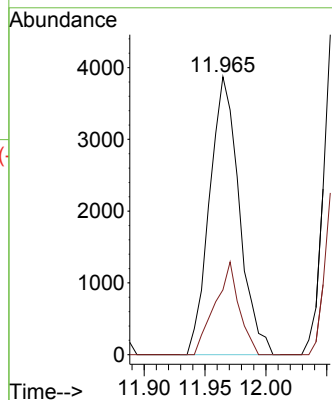
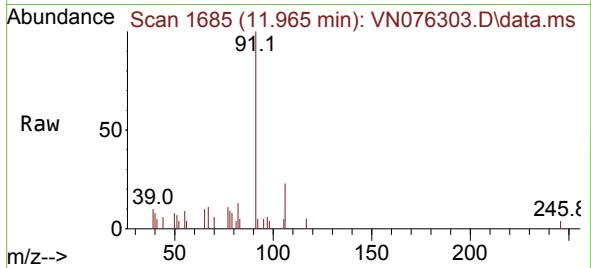




#67
Ethyl Benzene
Concen: 0.356 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

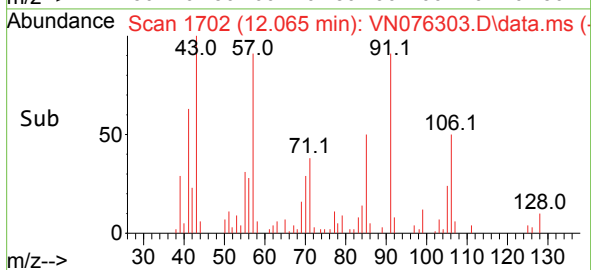
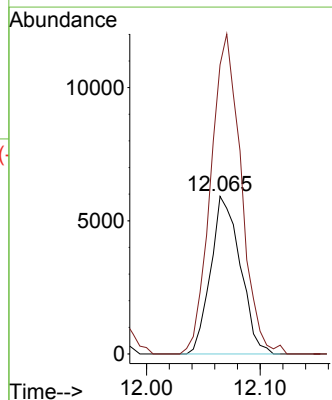
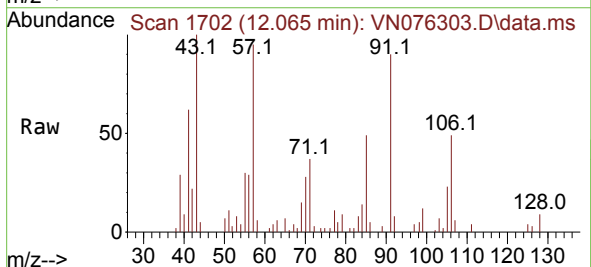
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

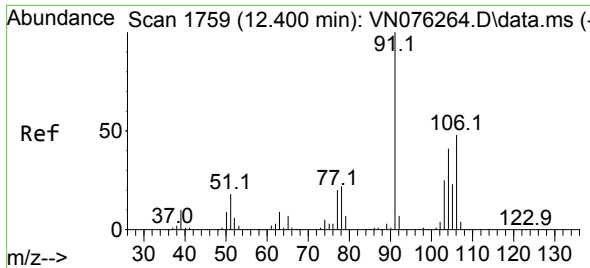
Tgt Ion: 91 Resp: 6574
Ion Ratio Lower Upper
91 100
106 23.3 25.5 38.3#



#68
m/p-Xylenes
Concen: 1.450 ug/l
RT: 12.065 min Scan# 1702
Delta R.T. -0.005 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 106 Resp: 10719
Ion Ratio Lower Upper
106 100
91 208.1 157.5 236.3

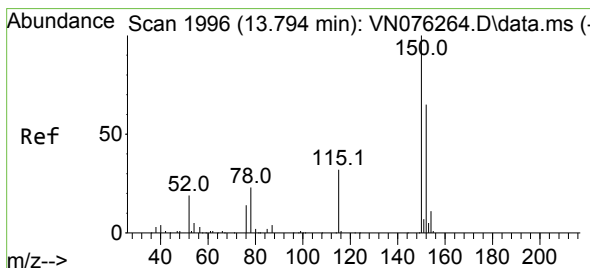
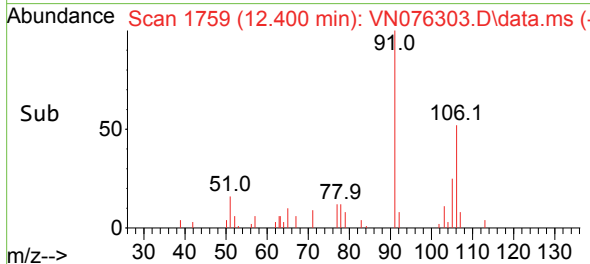
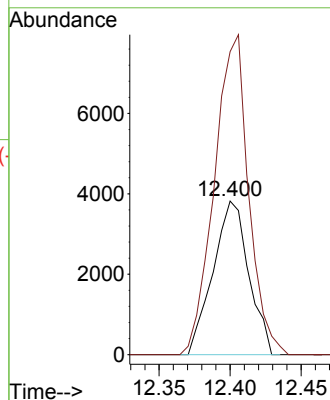
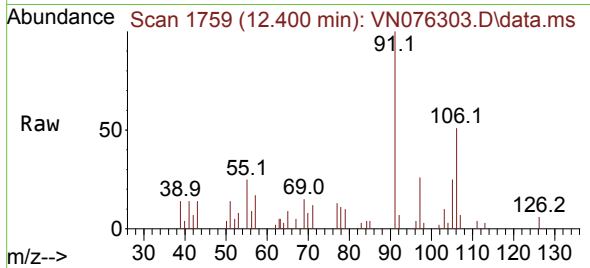




#69
o-Xylene
Concen: 0.921 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

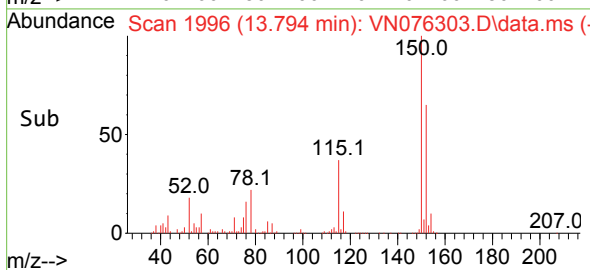
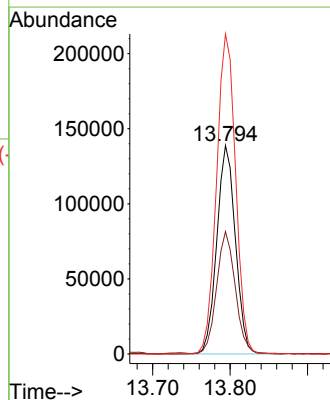
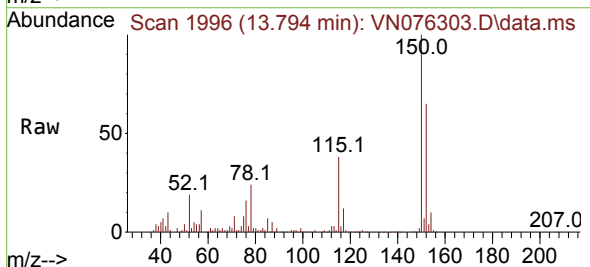
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

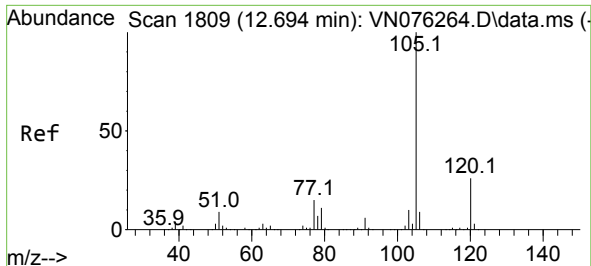
Tgt Ion:106 Resp: 6688
Ion Ratio Lower Upper
106 100
91 200.0 103.2 309.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion:152 Resp: 231699
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.9
150 156.8 0.0 351.4

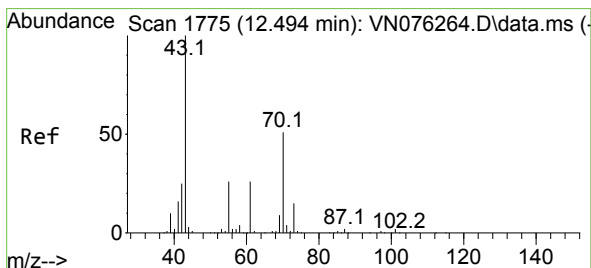
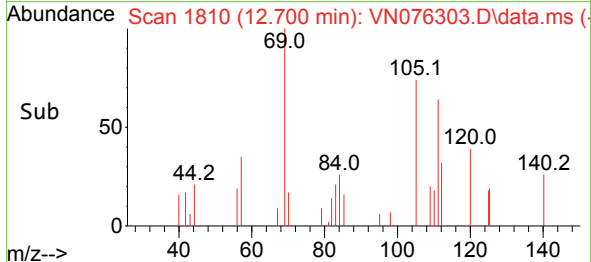
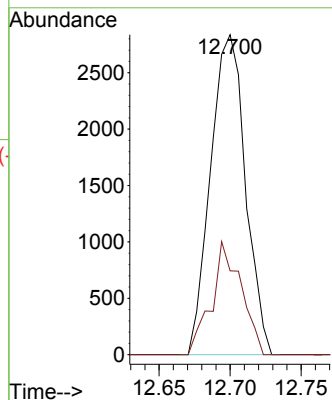
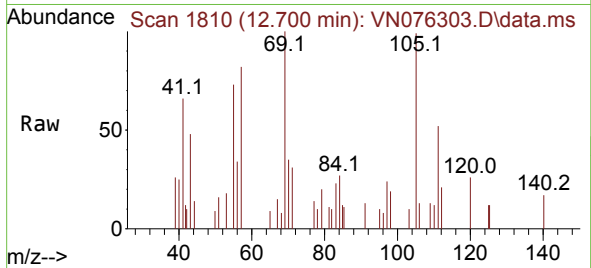




#73
Isopropylbenzene
Concen: 0.270 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

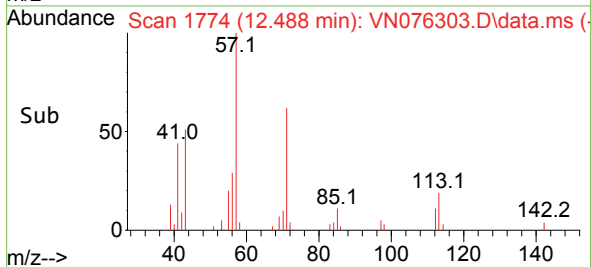
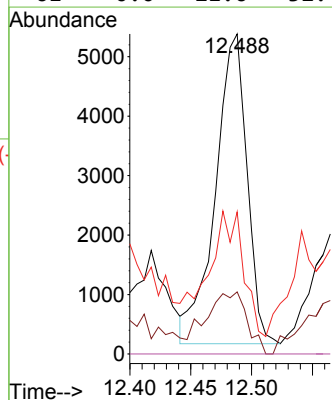
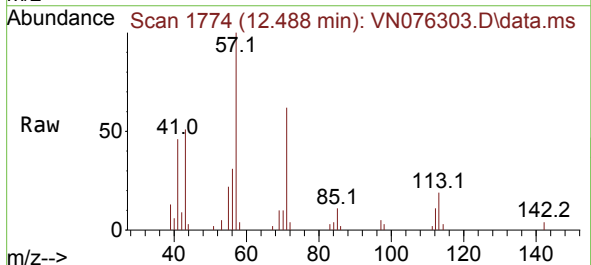
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

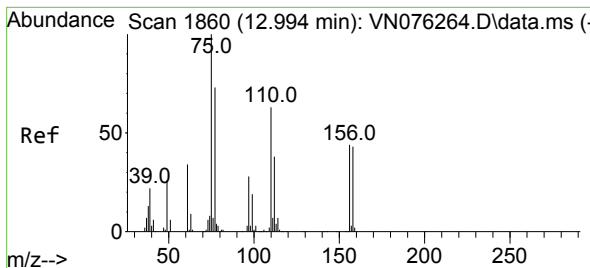
Tgt Ion: 105 Resp: 4843
Ion Ratio Lower Upper
105 100
120 30.0 13.4 40.1



#74
N-ethyl acetate
Concen: 1.826 ug/l
RT: 12.488 min Scan# 1774
Delta R.T. -0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 43 Resp: 9413
Ion Ratio Lower Upper
43 100
70 25.9 41.2 61.8#
55 40.4 21.0 31.6#
61 0.0 21.6 32.4#





#76

1,2,3-Trichloropropane

Concen: 26.258 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. -0.141 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

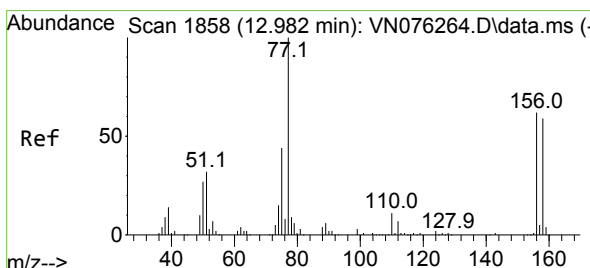
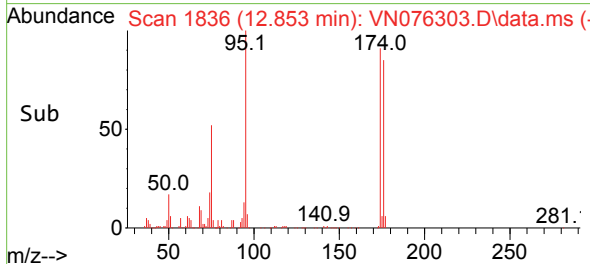
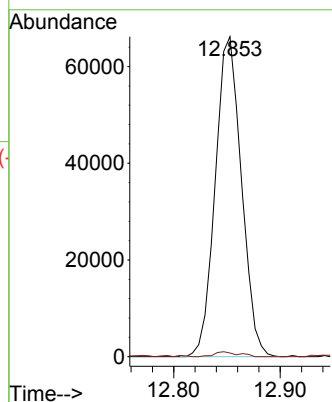
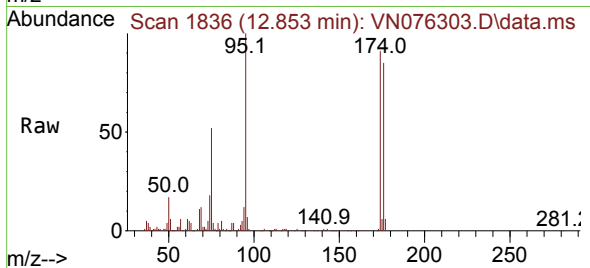
PE-2ME

Tgt Ion: 75 Resp: 112735

Ion Ratio Lower Upper

75 100

77 1.4 75.2 225.6#



#77

Bromobenzene

Concen: Below Cal

RT: 12.982 min Scan# 1858

Delta R.T. 0.000 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

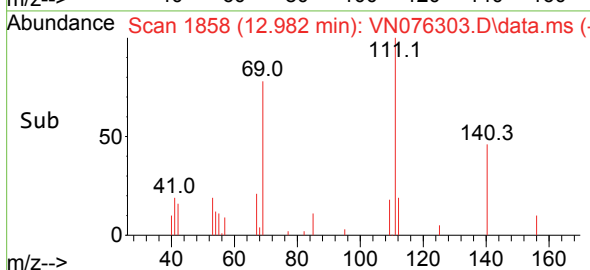
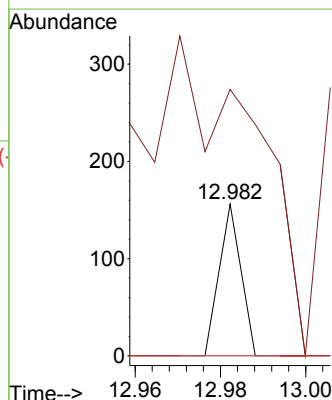
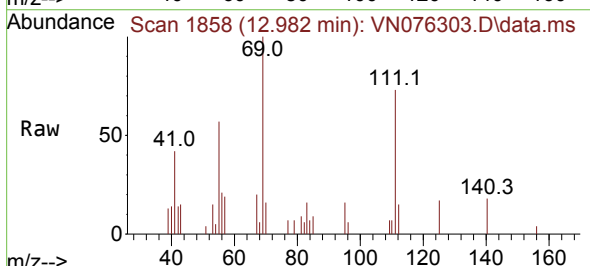
Tgt Ion:156 Resp: 55

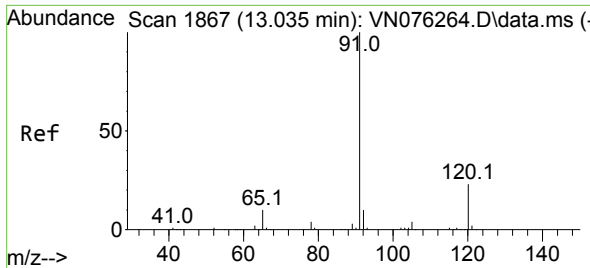
Ion Ratio Lower Upper

156 100

77 1083.6 93.4 280.2#

158 0.0 48.4 145.2#

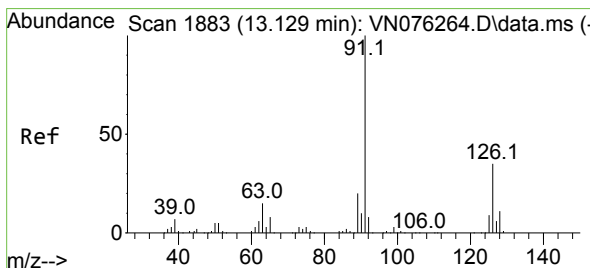
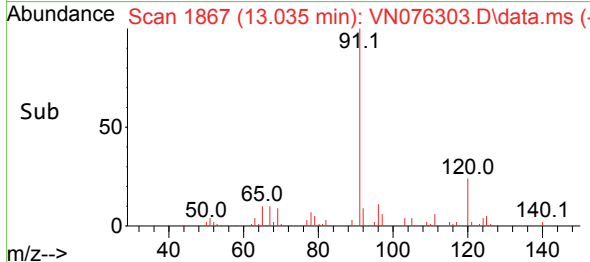
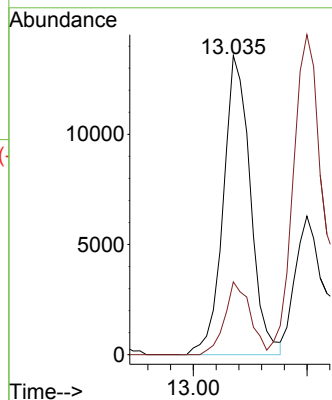
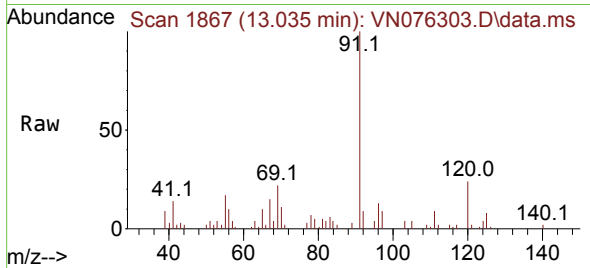




#78
n-propylbenzene
Concen: 1.112 ug/l
RT: 13.035 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

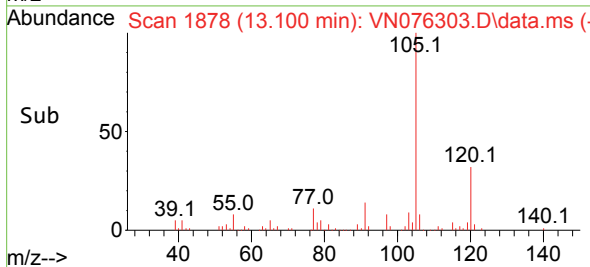
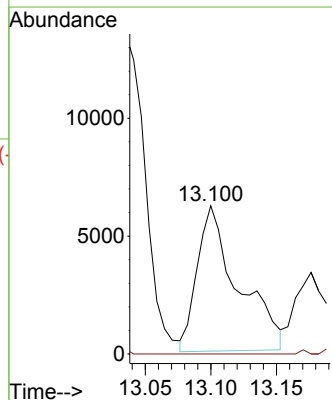
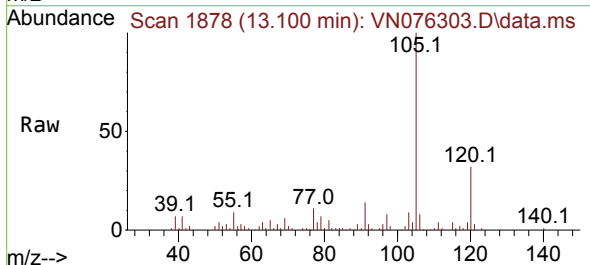
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

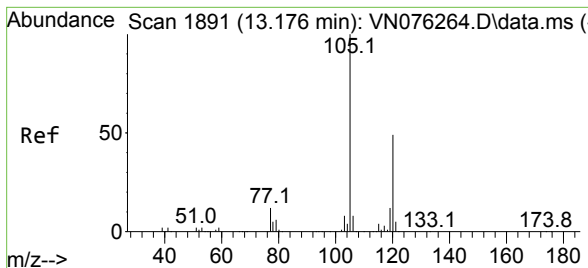
Tgt Ion: 91 Resp: 22493
Ion Ratio Lower Upper
91 100
120 23.0 11.9 35.5



#79
2-Chlorotoluene
Concen: 1.078 ug/l
RT: 13.100 min Scan# 1878
Delta R.T. -0.029 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 91 Resp: 13384
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#





#80

1,3,5-Trimethylbenzene

Concen: 2.899 ug/l

RT: 13.176 min Scan# 1891

Delta R.T. 0.000 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

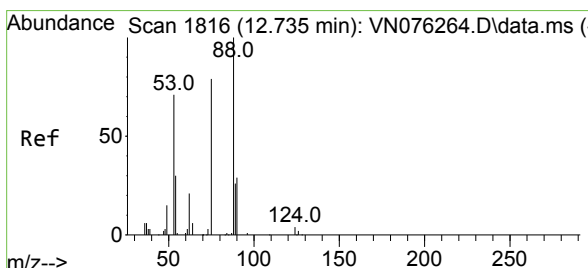
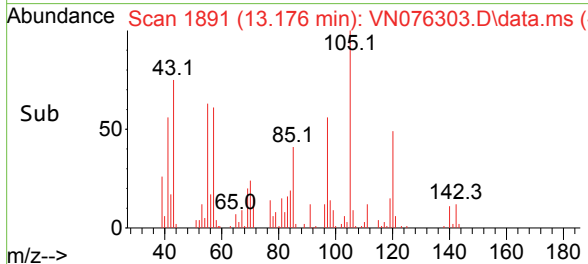
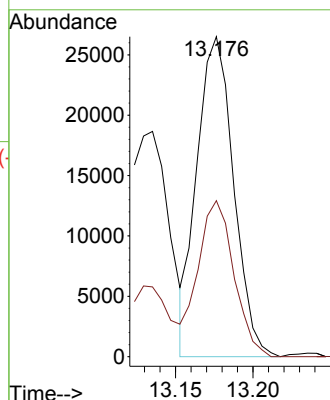
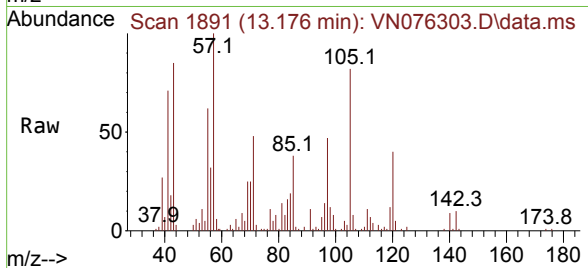
PE-2ME

Tgt Ion:105 Resp: 43536

Ion Ratio Lower Upper

105 100

120 47.7 25.0 75.0



#81

trans-1,4-Dichloro-2-butene

Concen: 80.955 ug/l

RT: 12.853 min Scan# 1836

Delta R.T. 0.118 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

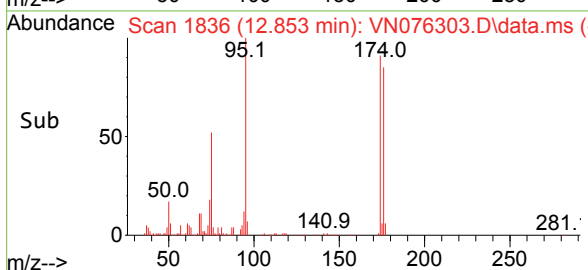
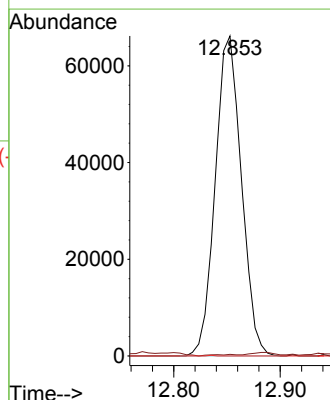
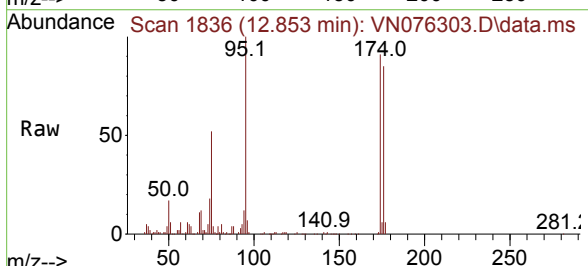
Tgt Ion: 75 Resp: 112735

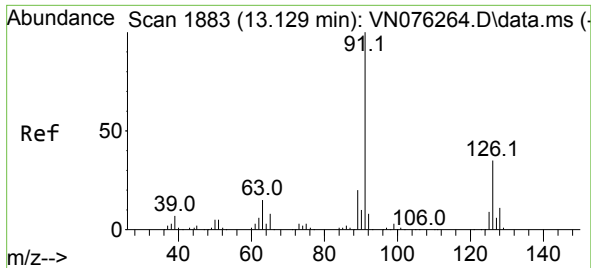
Ion Ratio Lower Upper

75 100

53 0.5 75.8 113.8#

89 0.0 37.0 55.6#

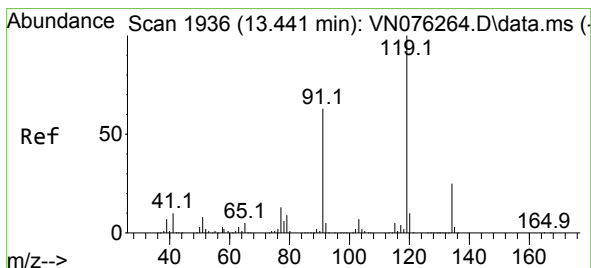
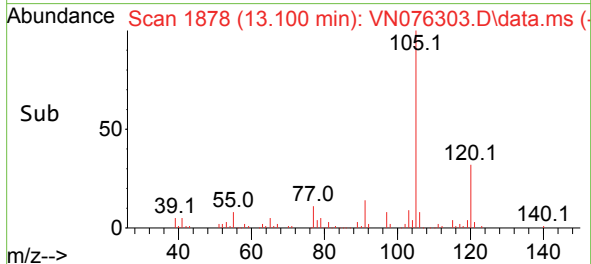
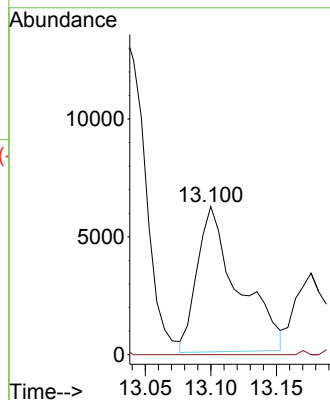
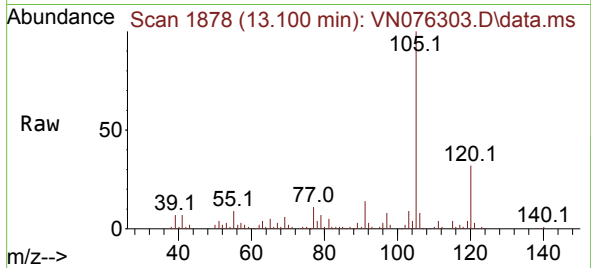




#82
4-Chlorotoluene
Concen: 1.078 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

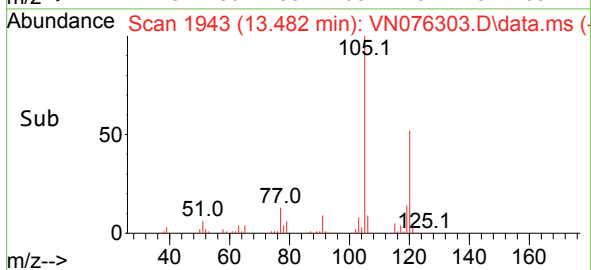
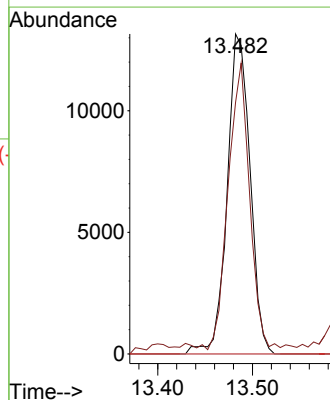
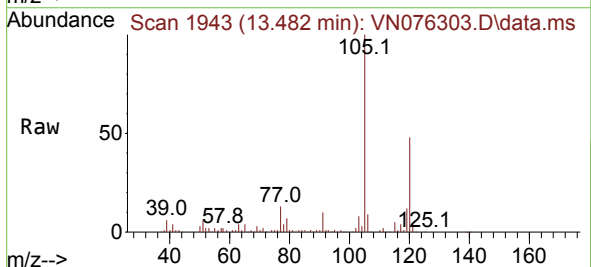
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

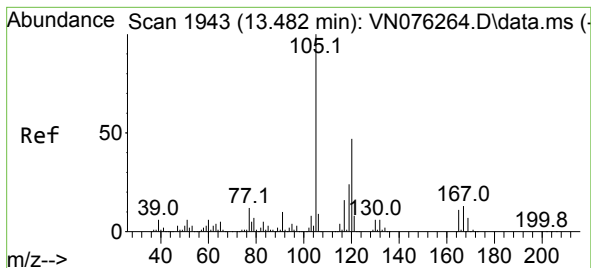
Tgt Ion: 91 Resp: 13384
Ion Ratio Lower Upper
91 100
126 0.0 17.4 52.2#



#83
tert-Butylbenzene
Concen: 1.659 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. 0.041 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 119 Resp: 22155
Ion Ratio Lower Upper
119 100
91 83.3 32.2 96.6
134 0.0 13.6 40.8#





#84

1,2,4-Trimethylbenzene

Concen: 11.794 ug/l

RT: 13.488 min Scan# 1943

Delta R.T. 0.006 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

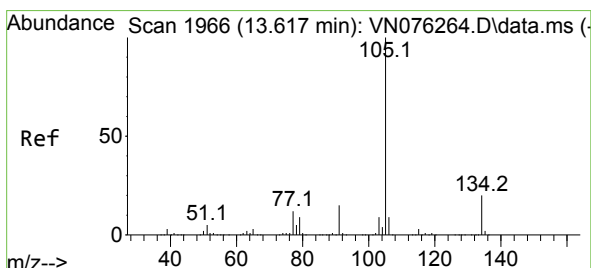
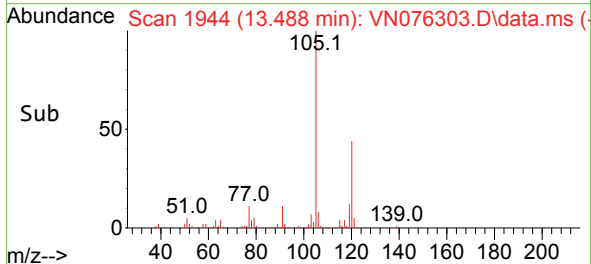
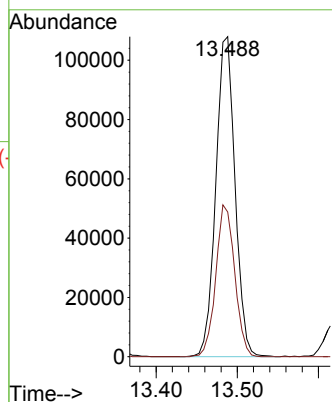
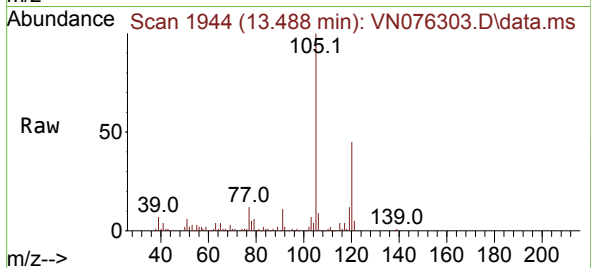
PE-2ME

Tgt Ion:105 Resp: 177578

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.5



#85

sec-Butylbenzene

Concen: 1.013 ug/l

RT: 13.618 min Scan# 1966

Delta R.T. 0.000 min

Lab File: VN076303.D

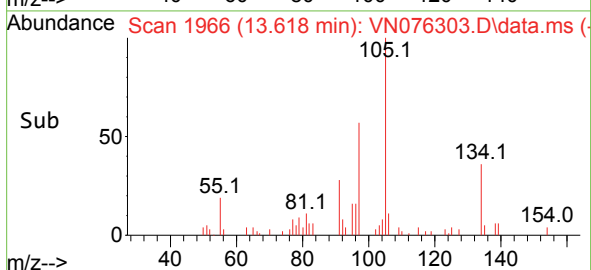
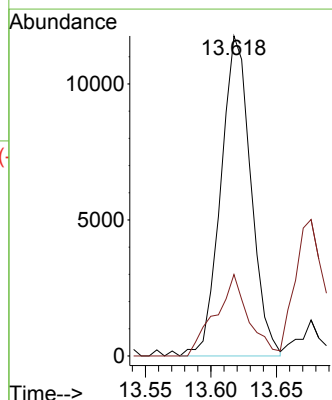
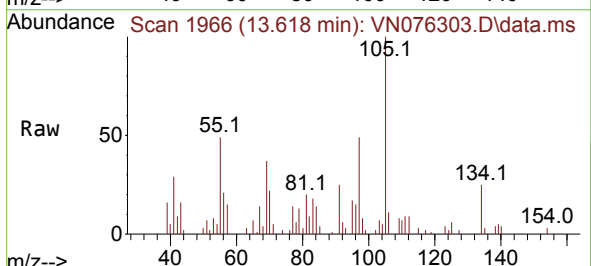
Acq: 18 Jan 2023 18:42

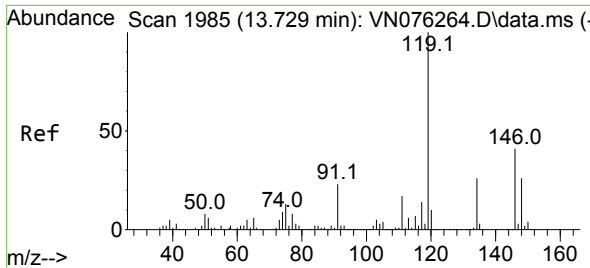
Tgt Ion:105 Resp: 18773

Ion Ratio Lower Upper

105 100

134 28.1 10.3 30.8

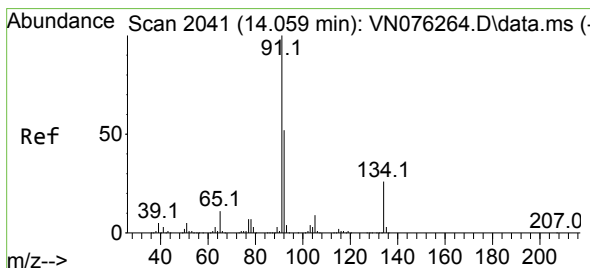
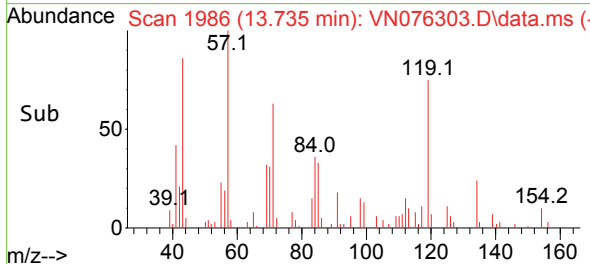
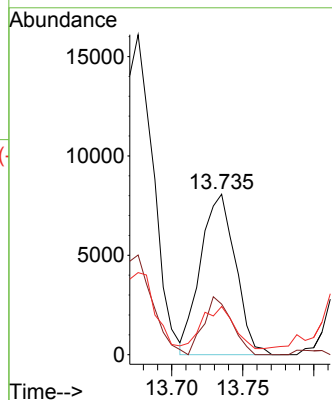
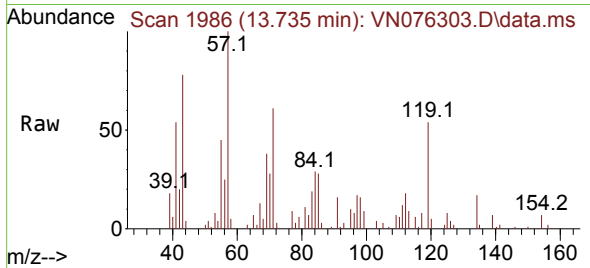




#86
p-Isopropyltoluene
Concen: 0.908 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

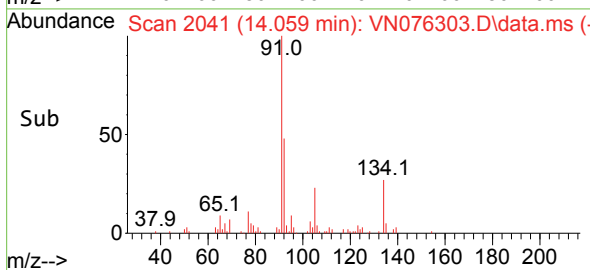
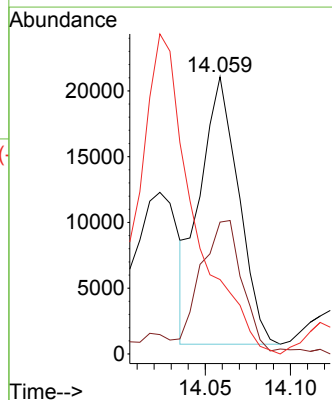
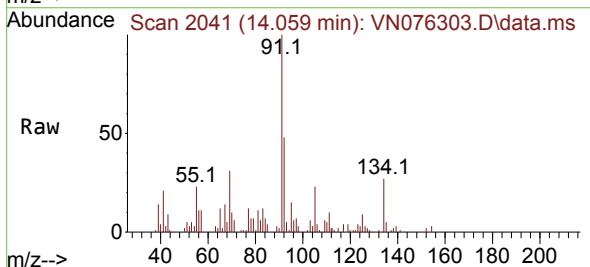
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

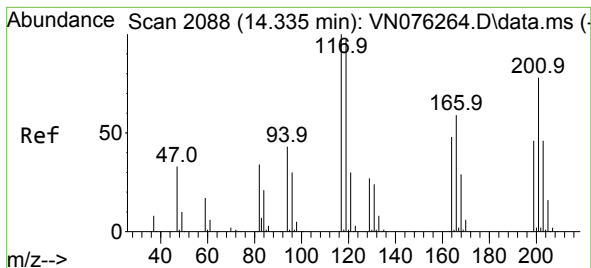
Tgt Ion:119 Resp: 13830
Ion Ratio Lower Upper
119 100
134 28.7 13.2 39.6
91 23.5 11.8 35.3



#89
n-Butylbenzene
Concen: 2.647 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

Tgt Ion: 91 Resp: 32025
Ion Ratio Lower Upper
91 100
92 56.9 26.3 78.9
134 0.0 13.2 39.5#





#90

Hexachloroethane

Concen: 3.625 ug/l

RT: 14.335 min Scan# 2088

Delta R.T. 0.000 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

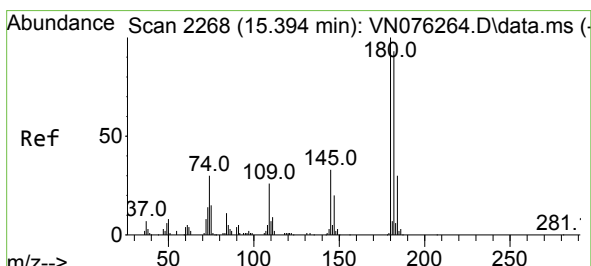
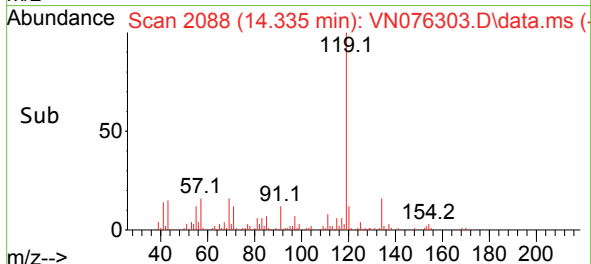
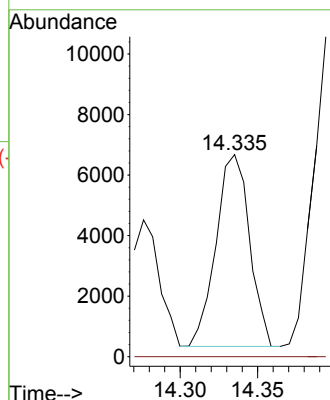
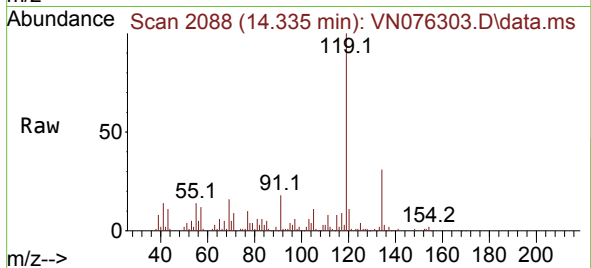
PE-2ME

Tgt Ion:117 Resp: 9535

Ion Ratio Lower Upper

117 100

201 0.0 37.3 111.9#



#93

1,2,4-Trichlorobenzene

Concen: 1.682 ug/l

RT: 15.400 min Scan# 2269

Delta R.T. 0.006 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

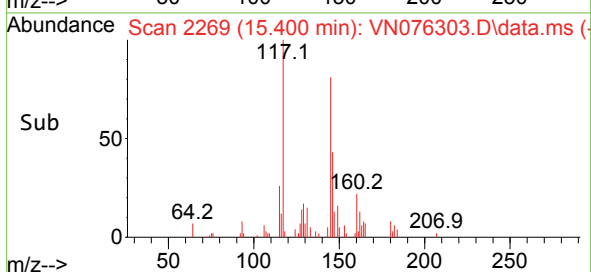
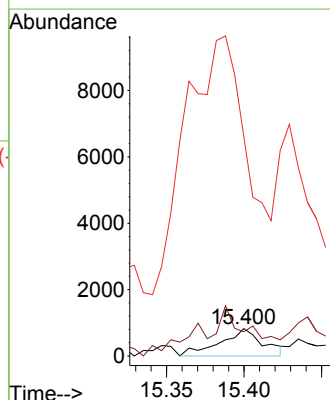
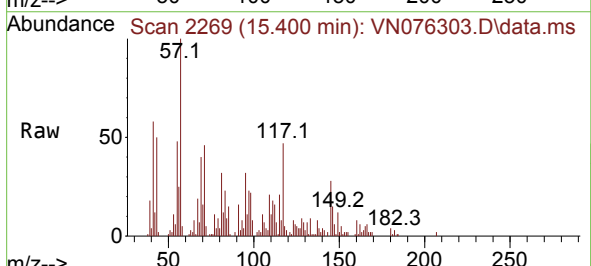
Tgt Ion:180 Resp: 1572

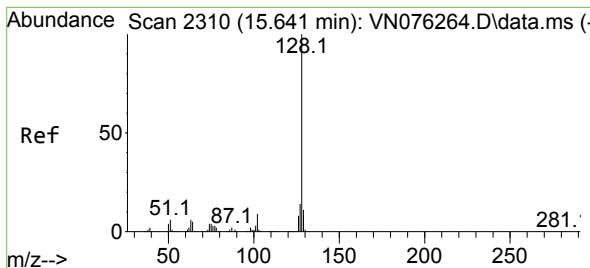
Ion Ratio Lower Upper

180 100

182 218.1 47.0 141.2#

145 1716.7 15.2 45.5#





#95

Naphthalene

Concen: 5.256 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

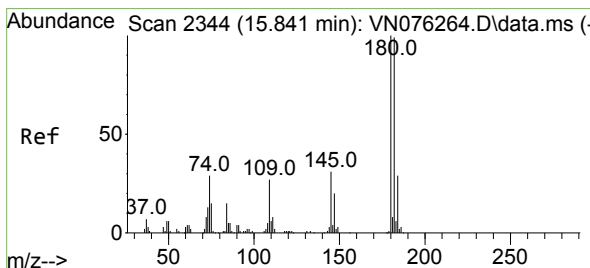
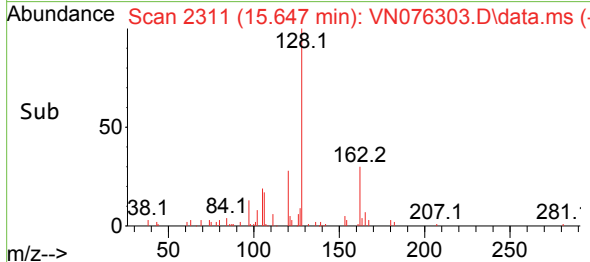
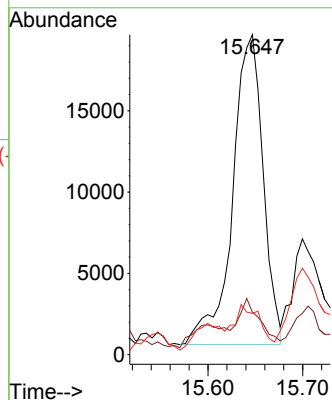
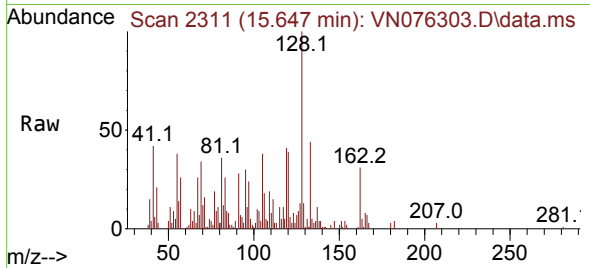
Tgt Ion:128 Resp: 42704

Ion Ratio Lower Upper

128 100

127 10.1 10.3 15.5#

129 9.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 1.798 ug/l

RT: 15.864 min Scan# 2348

Delta R.T. 0.023 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Tgt Ion:180 Resp: 2557

Ion Ratio Lower Upper

180 100

182 17.8 47.5 142.5#

145 0.0 15.9 47.6#

