

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011823\
 Data File : VN076303.D
 Acq On : 18 Jan 2023 18:42
 Operator : JC\MD
 Sample : 01190-03ME
 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)

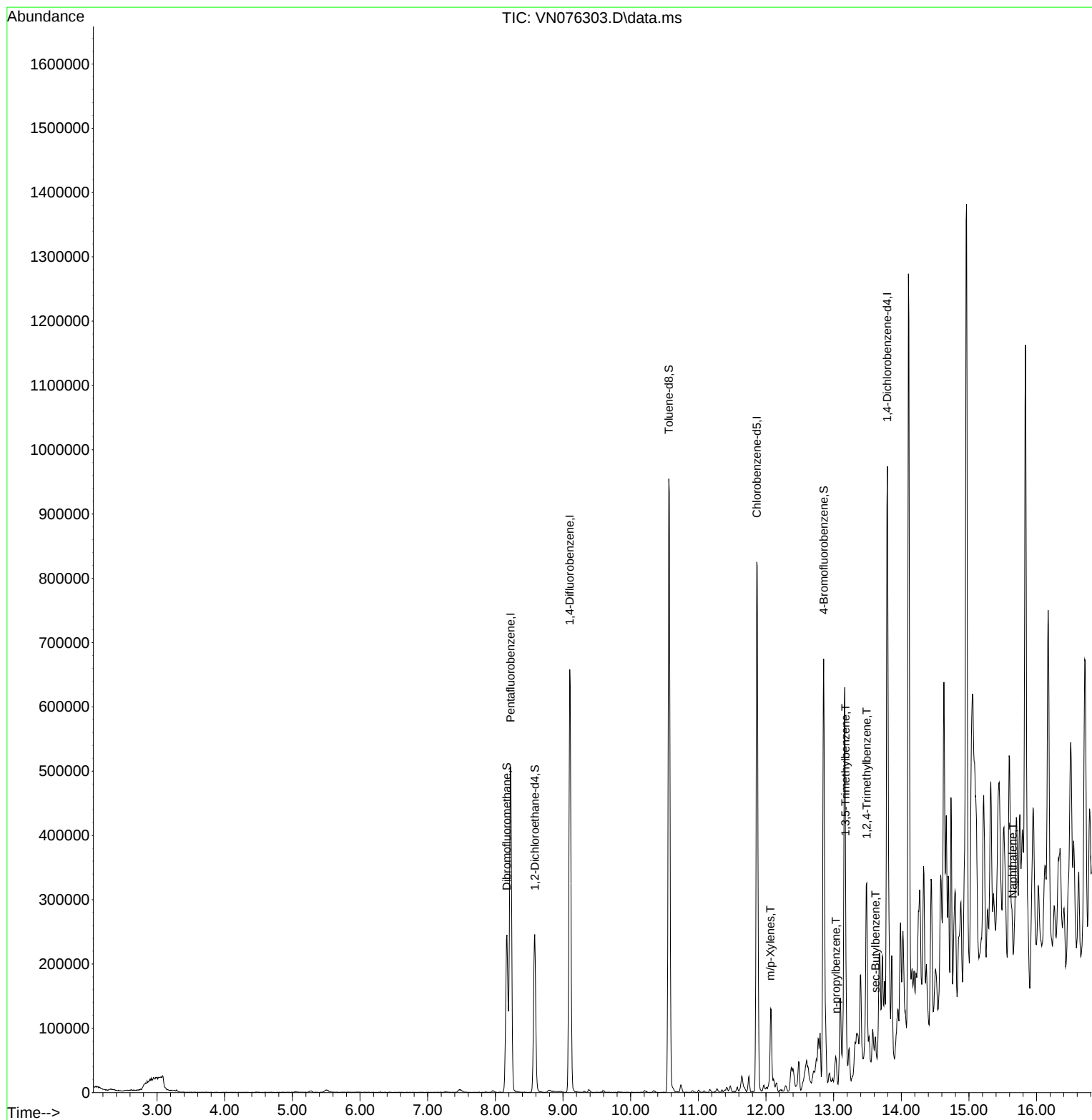
Internal Standards						
1) Pentafluorobenzene	8.224	168	392354	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	600798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	509722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	231699	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
68) m/p-Xylenes	12.065	106	10719	1.450	ug/l	93
78) n-propylbenzene	13.035	91	22493	1.112	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	43536	2.899	ug/l	97
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
95) Naphthalene	15.647	128	42704	5.256	ug/l #	94

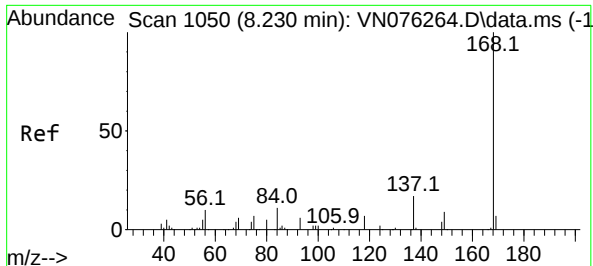
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

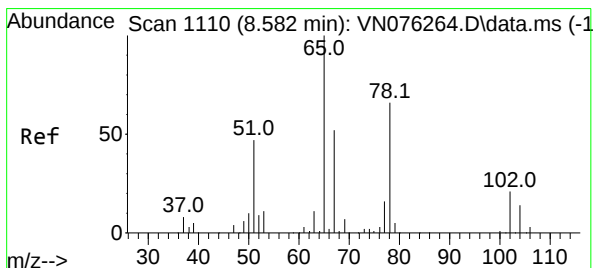
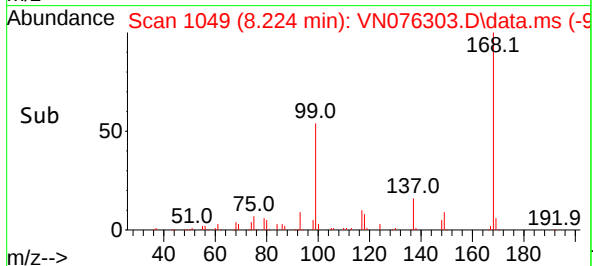
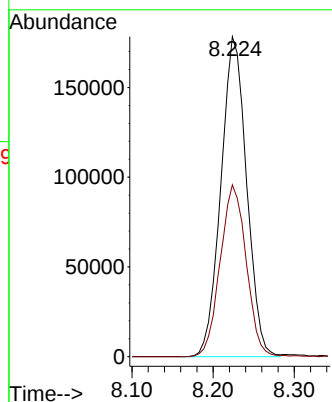
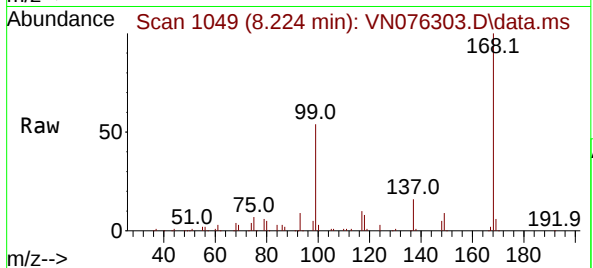




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

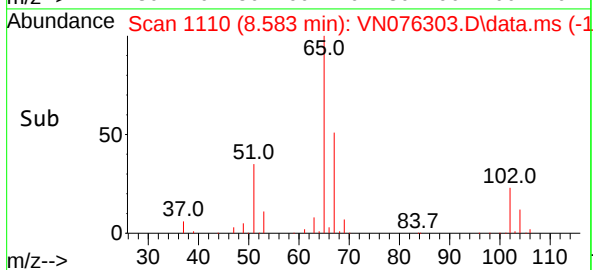
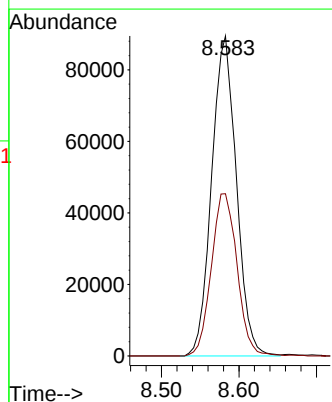
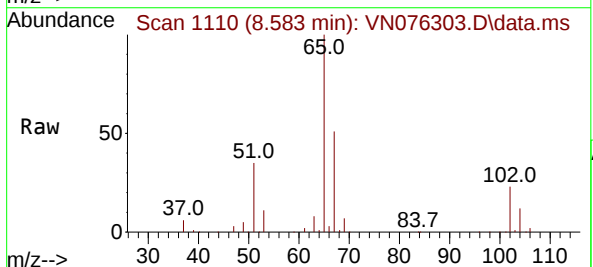
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

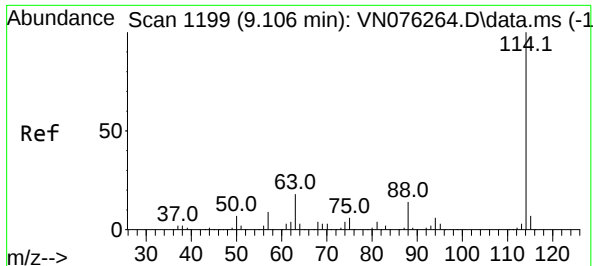
Tgt Ion:168 Resp: 392354
Ion Ratio Lower Upper
168 100
99 53.7 41.6 62.4



#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

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# 1199

Delta R.T. -0.006 min

Lab File: VN076303.D

Acq: 18 Jan 2023 18:42

Instrument :

MSVOA_N

ClientSampleId :

PE-2ME

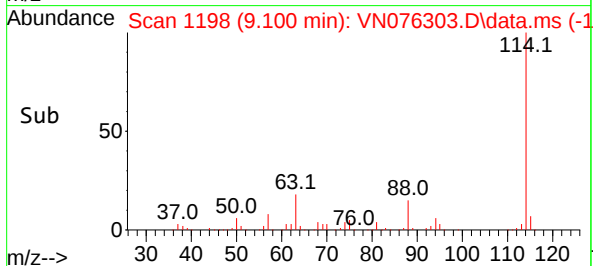
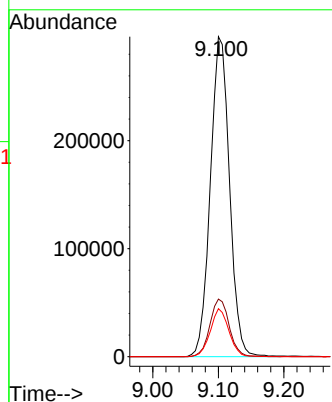
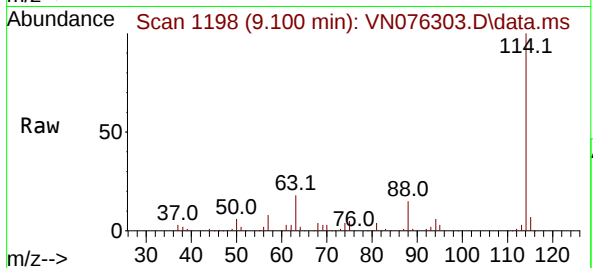
Tgt Ion:114 Resp: 600798

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

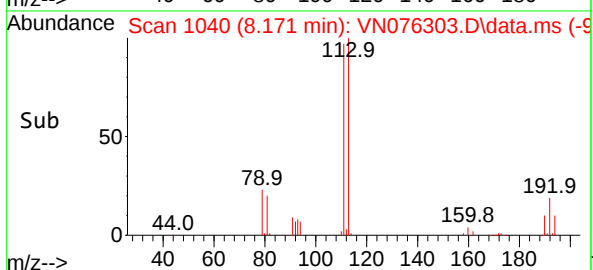
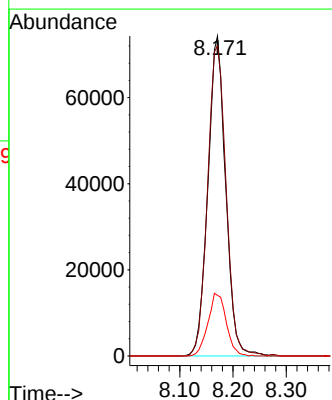
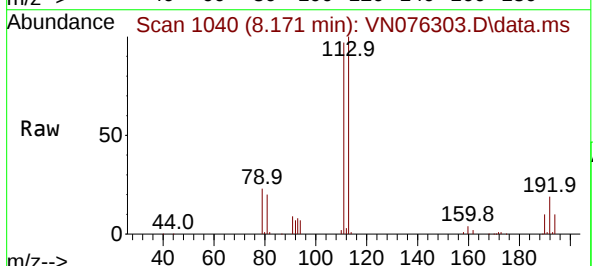
Tgt Ion:113 Resp: 172209

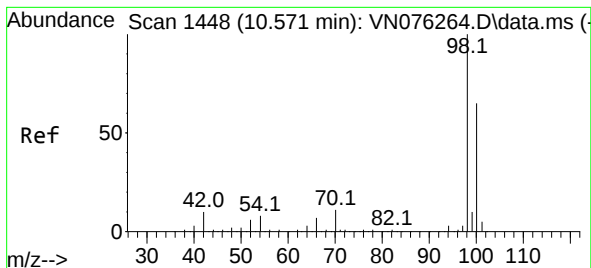
Ion Ratio Lower Upper

113 100

111 100.9 82.7 124.1

192 20.2 15.6 23.4





#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 :

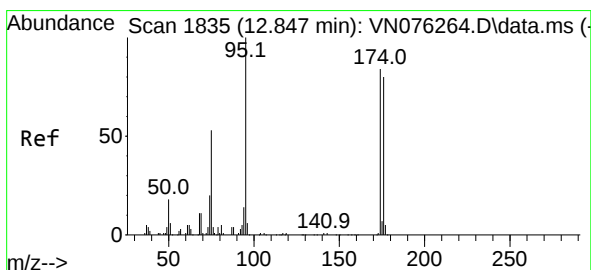
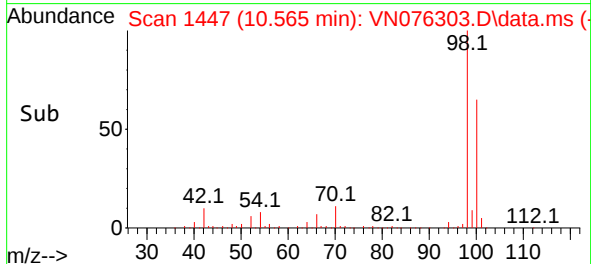
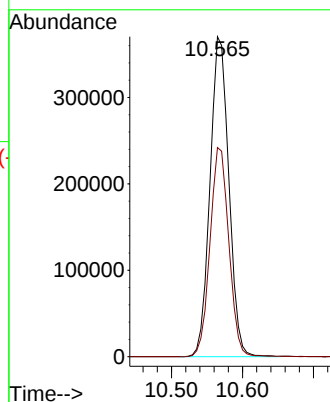
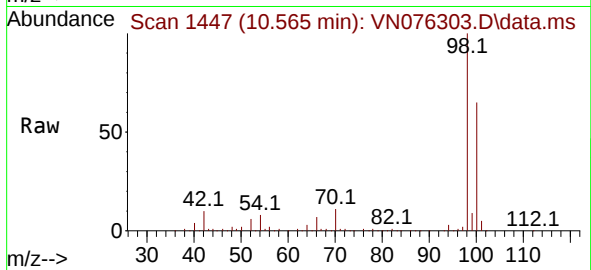
PE-2ME

Tgt Ion: 98 Resp: 680835

Ion Ratio Lower Upper

98 100

100 65.5 52.2 78.4



#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

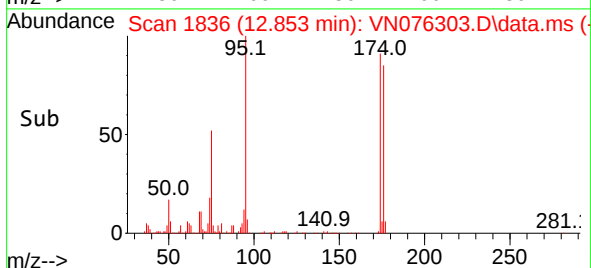
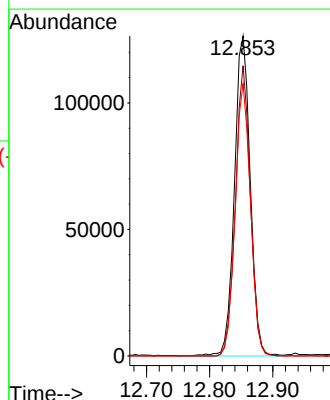
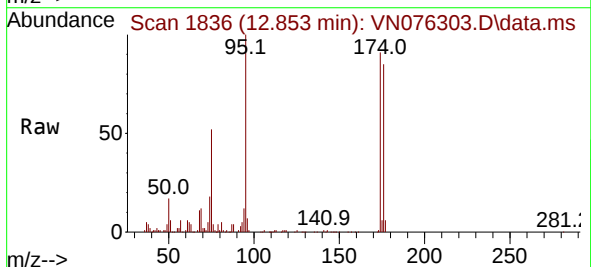
Tgt Ion: 95 Resp: 219631

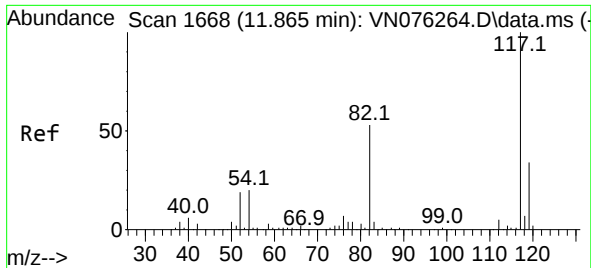
Ion Ratio Lower Upper

95 100

174 85.3 0.0 174.6

176 82.2 0.0 167.8

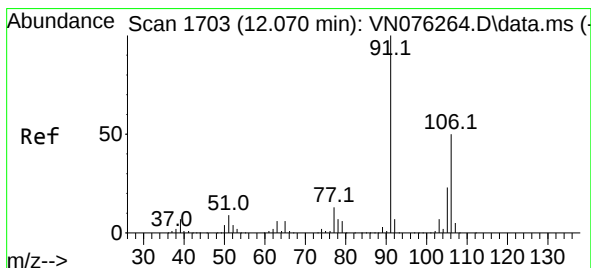
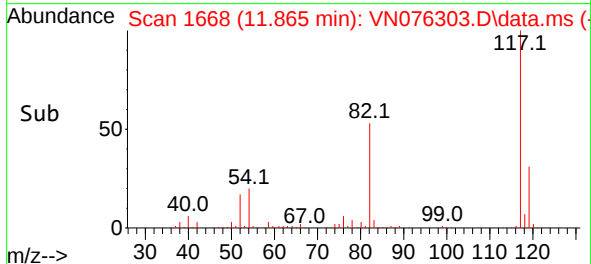
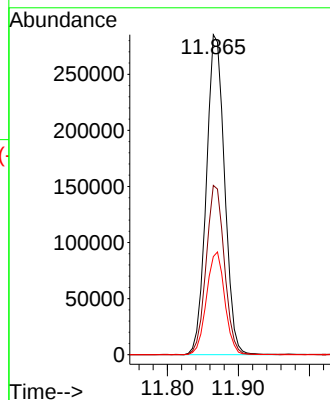
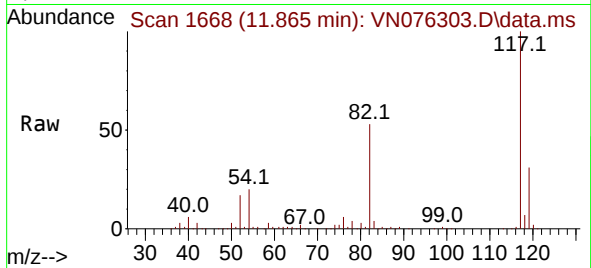




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

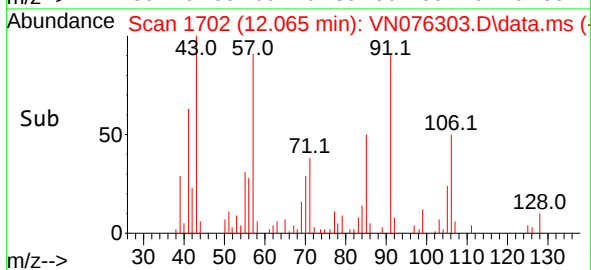
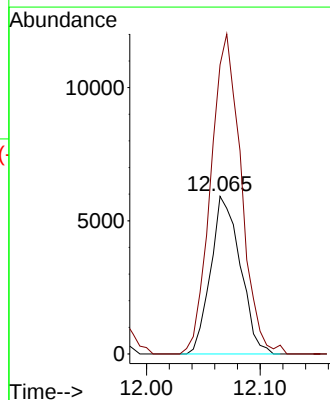
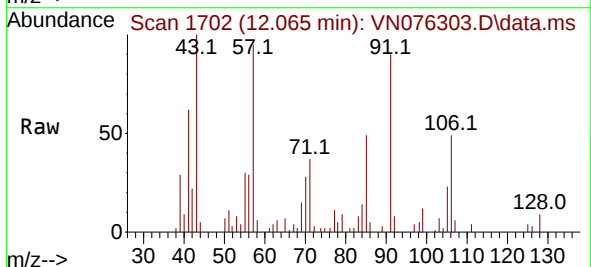
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

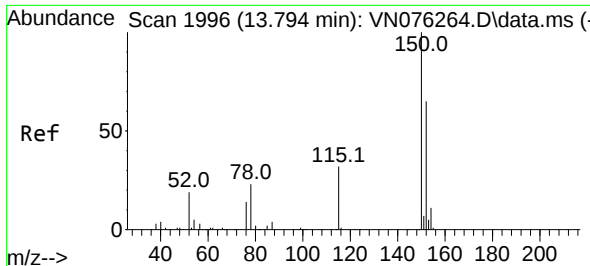
Tgt Ion:117 Resp: 509722
Ion Ratio Lower Upper
117 100
82 52.9 42.2 63.2
119 30.6 26.9 40.3



#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

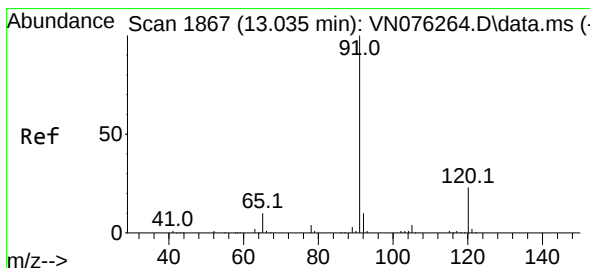
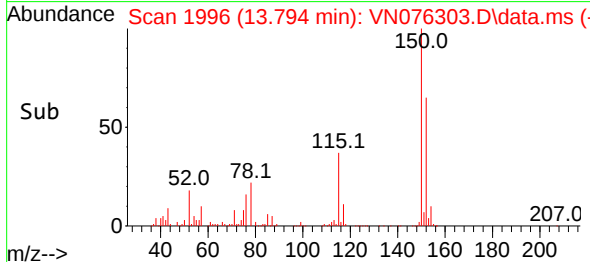
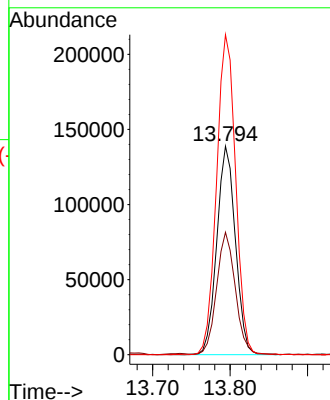
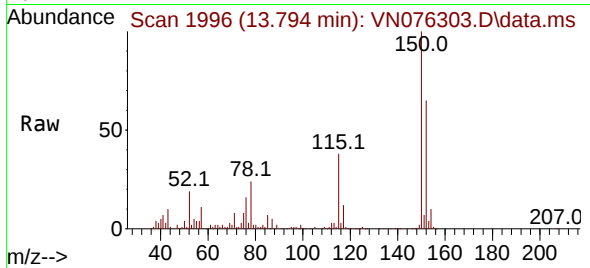




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076303.D
Acq: 18 Jan 2023 18:42

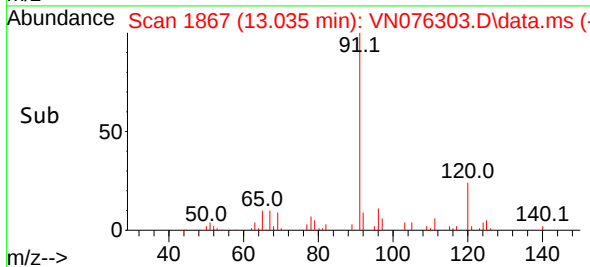
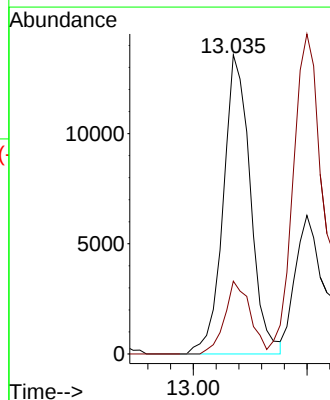
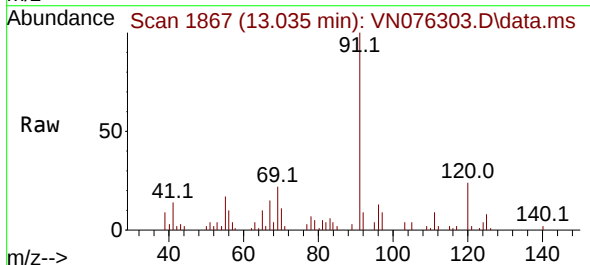
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

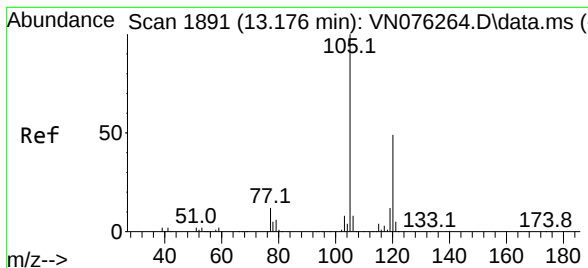
Tgt Ion:152 Resp: 231699
Ion Ratio Lower Upper
152 100
115 59.2 29.6 88.9
150 156.8 0.0 351.4



#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

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





#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 :

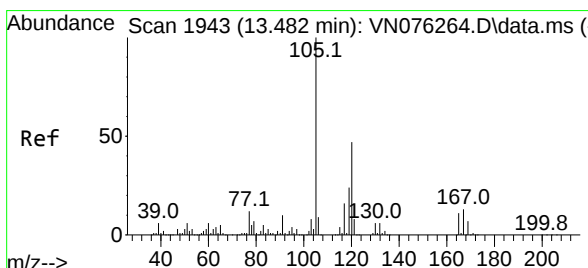
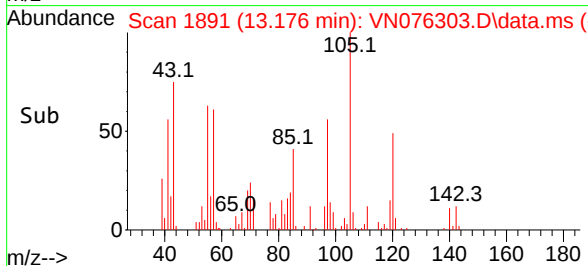
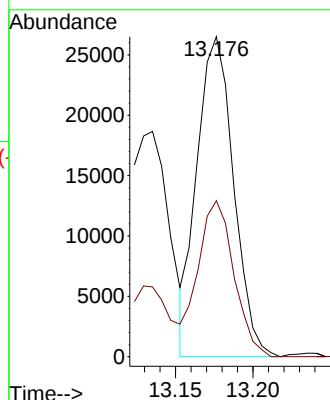
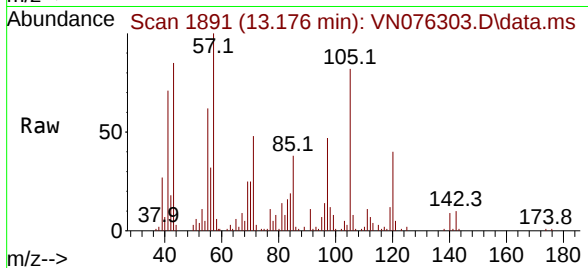
PE-2ME

Tgt Ion:105 Resp: 43536

Ion Ratio Lower Upper

105 100

120 47.7 25.0 75.0



#84

1,2,4-Trimethylbenzene

Concen: 11.794 ug/l

RT: 13.488 min Scan# 1944

Delta R.T. 0.006 min

Lab File: VN076303.D

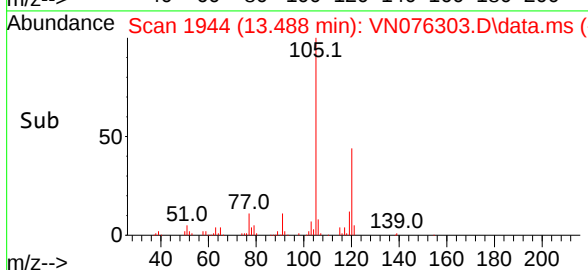
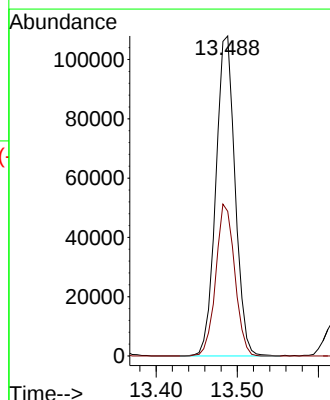
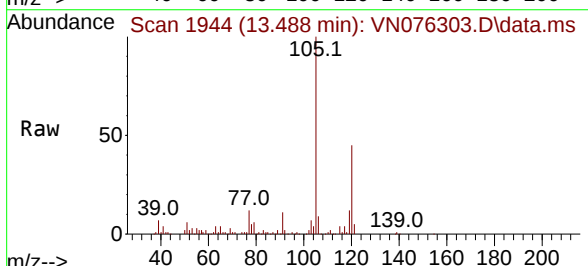
Acq: 18 Jan 2023 18:42

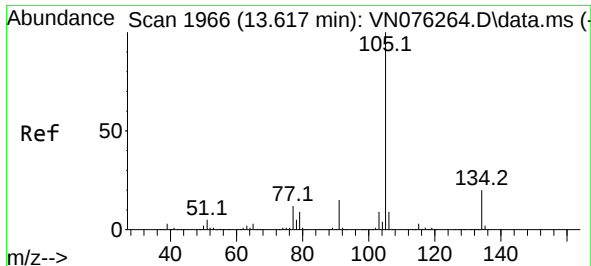
Tgt Ion:105 Resp: 177578

Ion Ratio Lower Upper

105 100

120 46.7 22.9 68.5

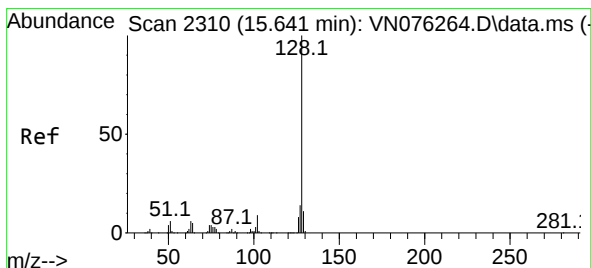
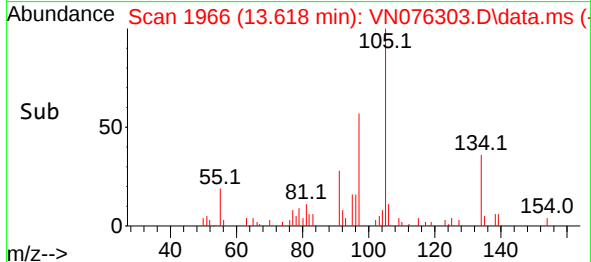
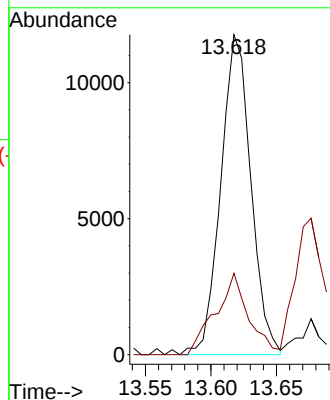
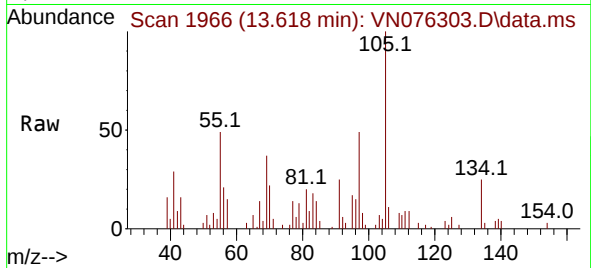




#85
 sec-Butylbenzene
 Concen: 1.013 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN076303.D
 Acq: 18 Jan 2023 18:42

Instrument :
 MSVOA_N
 ClientSampleId :
 PE-2ME

Tgt Ion:105 Resp: 18773
 Ion Ratio Lower Upper
 105 100
 134 28.1 10.3 30.8



#95
 Naphthalene
 Concen: 5.256 ug/l
 RT: 15.647 min Scan# 2311
 Delta R.T. 0.006 min
 Lab File: VN076303.D
 Acq: 18 Jan 2023 18:42

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

