

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 07:58:16 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)

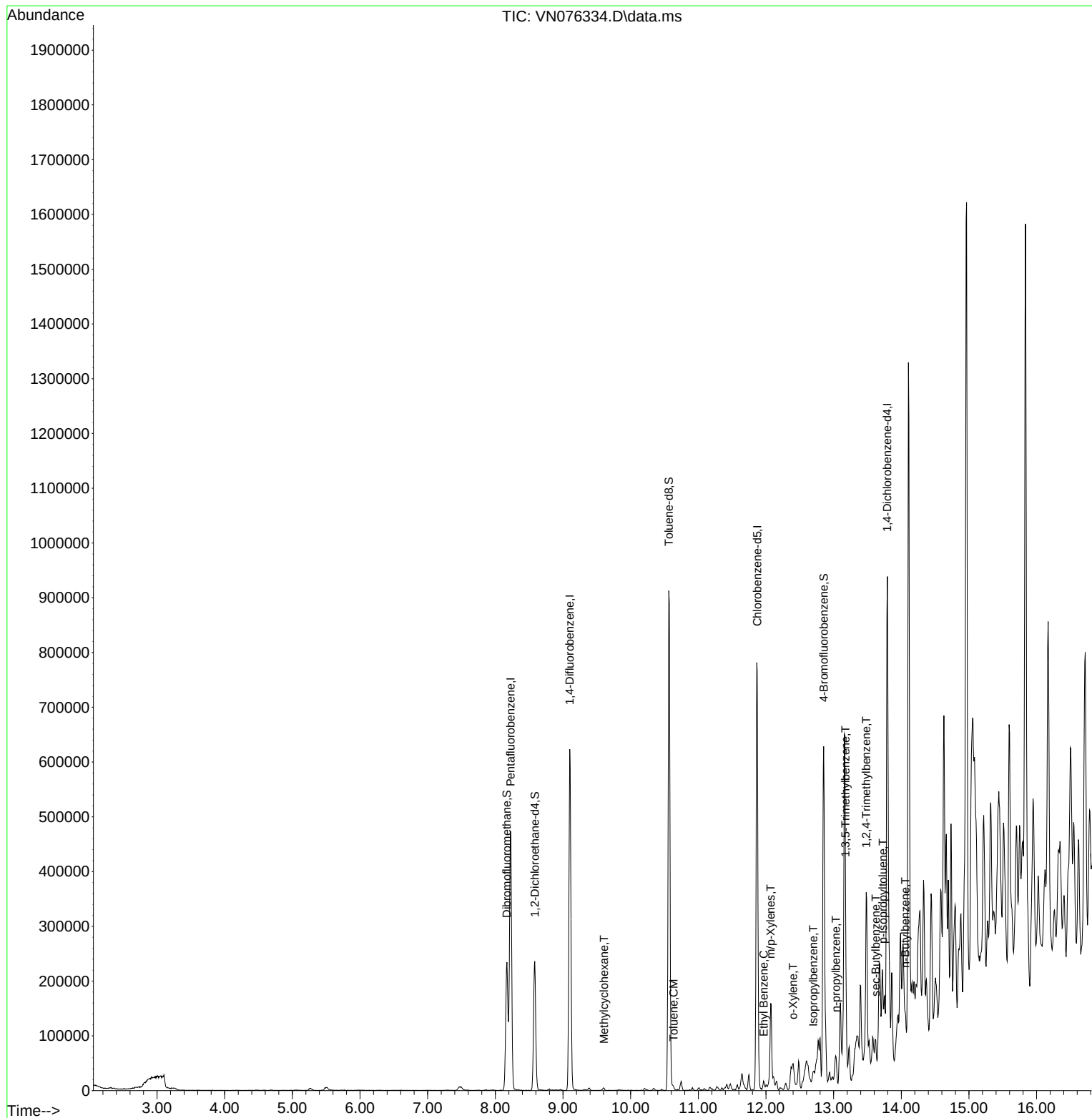
Internal Standards						
1) Pentafluorobenzene	8.224	168	367406	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	576631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482146	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	221829	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	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	
39) Methylcyclohexane	9.606	83	2278	0.364	ug/l	87
52) Toluene	10.635	92	2363	0.231	ug/l	85
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
73) Isopropylbenzene	12.700	105	6790	0.396	ug/l	98
78) n-propylbenzene	13.035	91	27700	1.431	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	51131	3.557	ug/l	97
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
89) n-Butylbenzene	14.059	91	39456	3.407	ug/l #	78

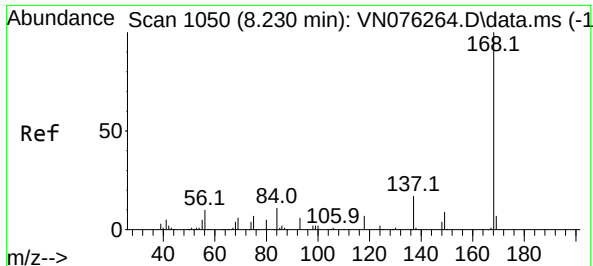
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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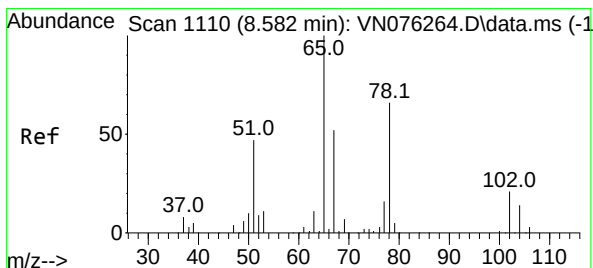
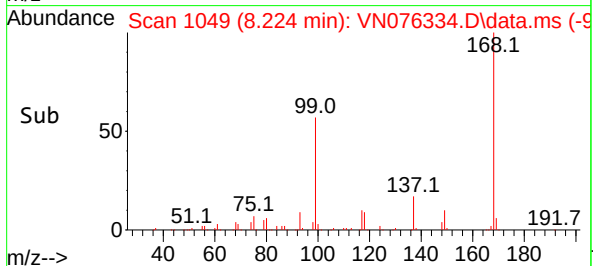
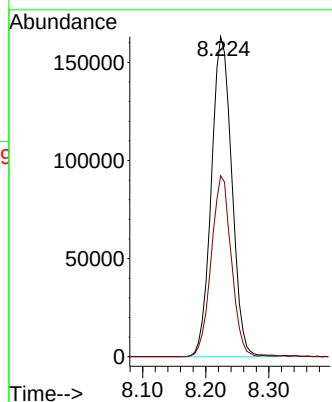
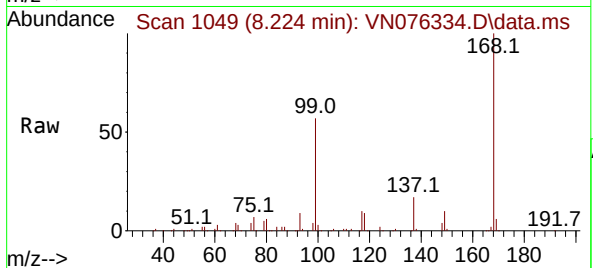




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1049
Delta R.T. -0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

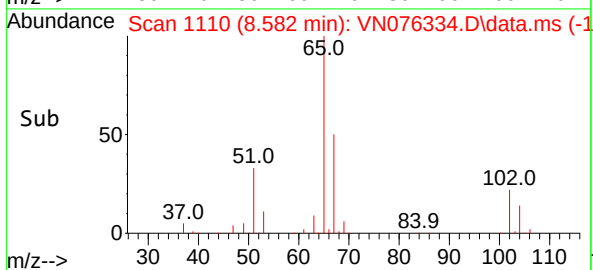
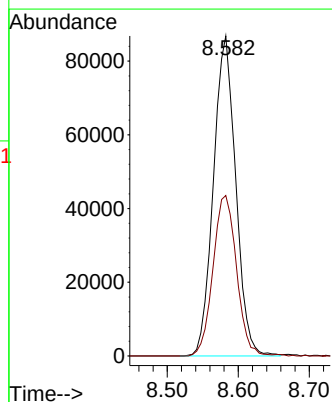
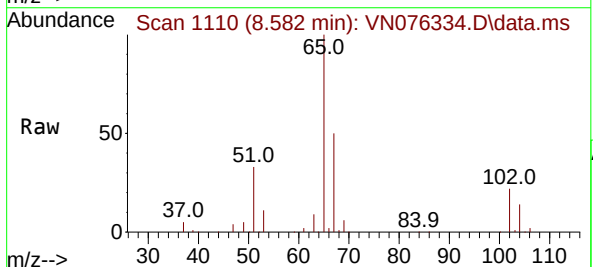
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

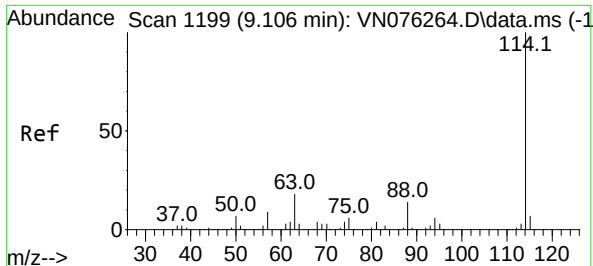
Tgt Ion:168 Resp: 367406
Ion Ratio Lower Upper
168 100
99 56.5 41.6 62.4



#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

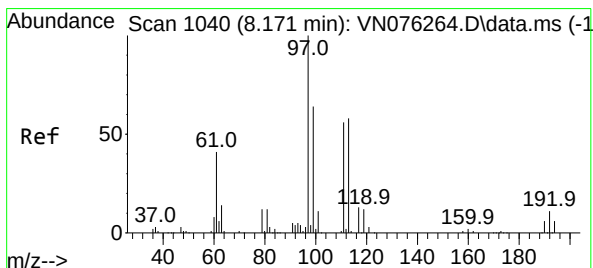
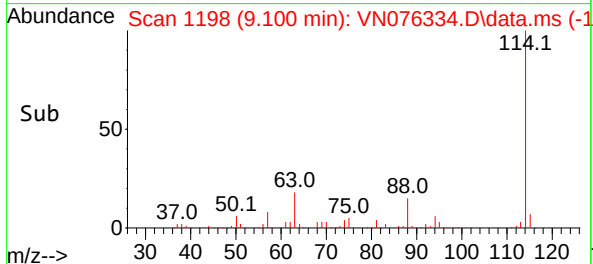
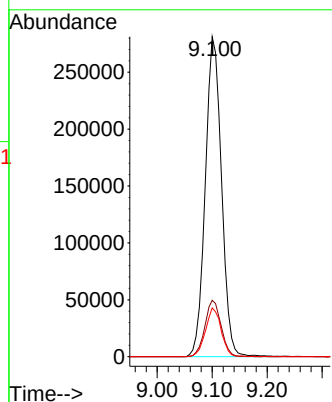
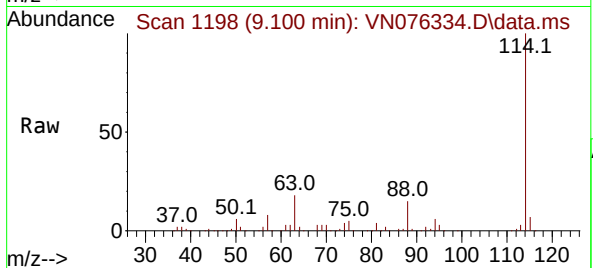




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1199
Delta R.T. -0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

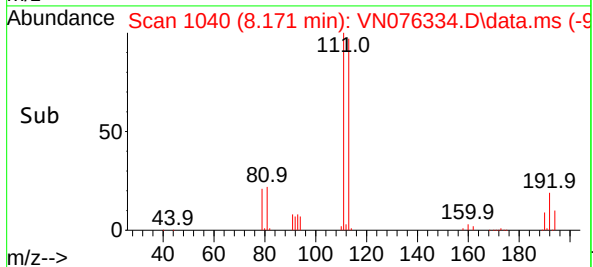
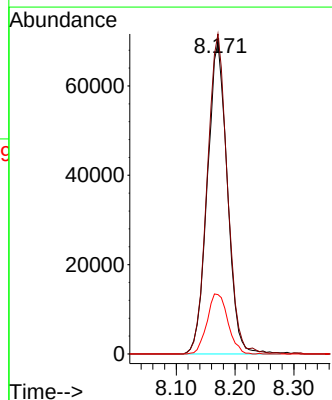
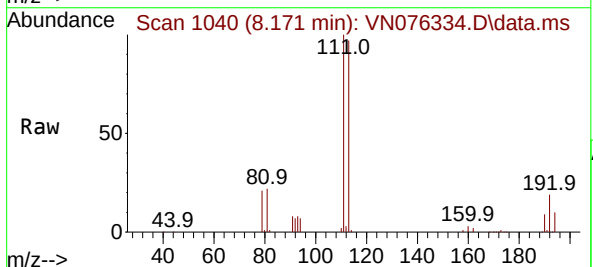
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

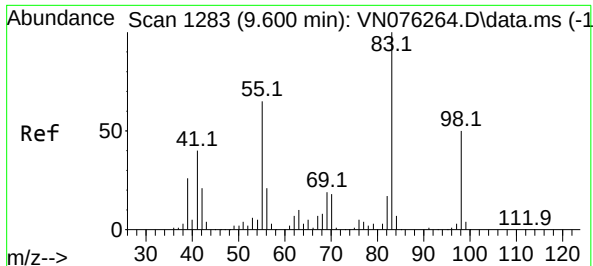
Tgt Ion:114 Resp: 576631
Ion Ratio Lower Upper
114 100
63 17.6 0.0 35.8
88 15.3 0.0 28.0



#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





#39

Methylcyclohexane

Concen: 0.364 ug/l

RT: 9.606 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

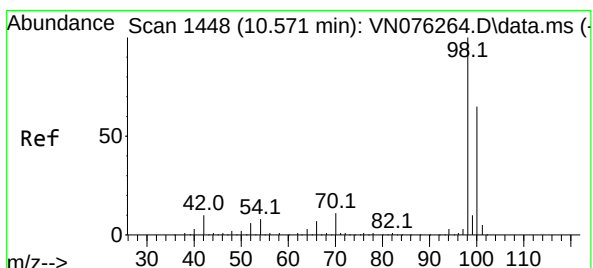
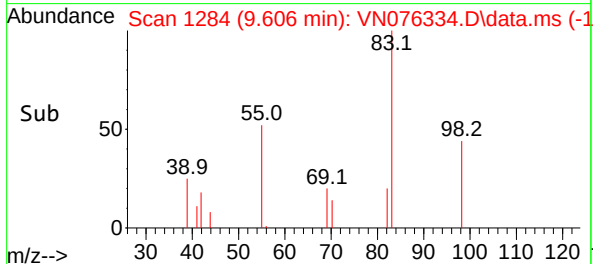
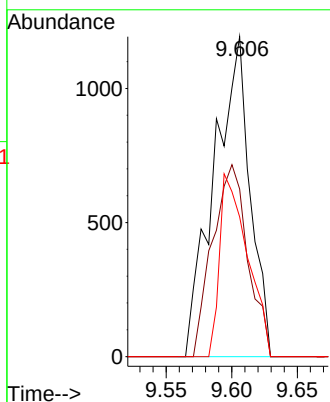
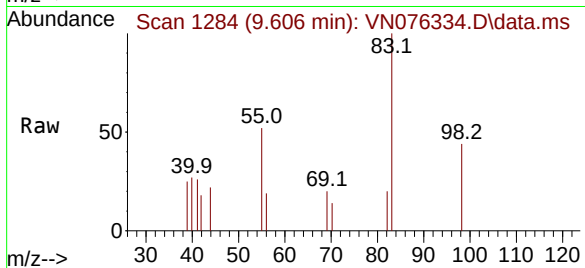
Tgt Ion: 83 Resp: 2278

Ion Ratio Lower Upper

83 100

55 52.4 51.7 77.5

98 43.7 40.0 60.0



#50

Toluene-d8

Concen: 48.663 ug/l

RT: 10.565 min Scan# 1447

Delta R.T. -0.006 min

Lab File: VN076334.D

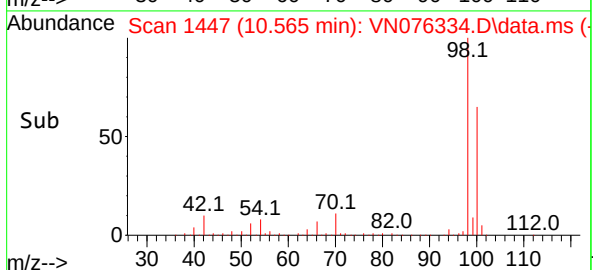
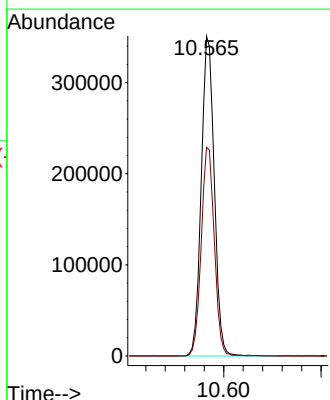
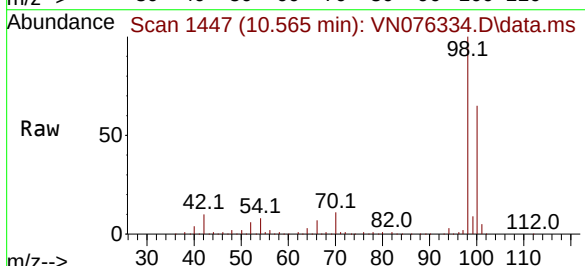
Acq: 19 Jan 2023 20:07

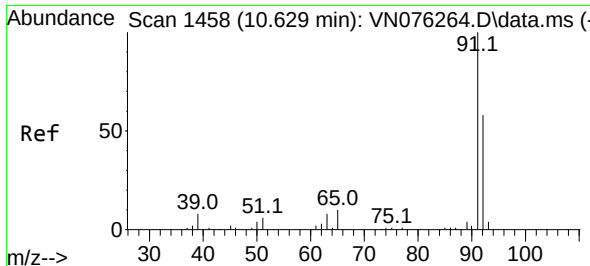
Tgt Ion: 98 Resp: 648250

Ion Ratio Lower Upper

98 100

100 65.6 52.2 78.4

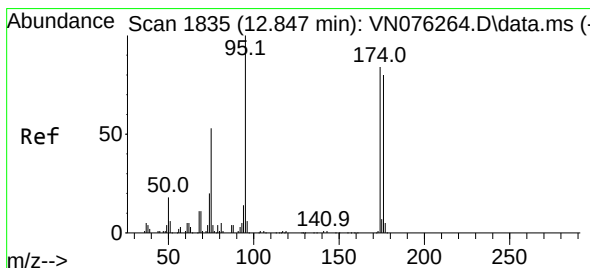
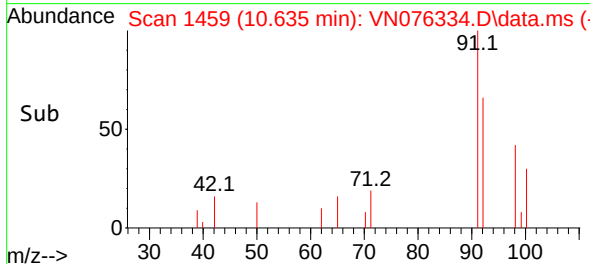
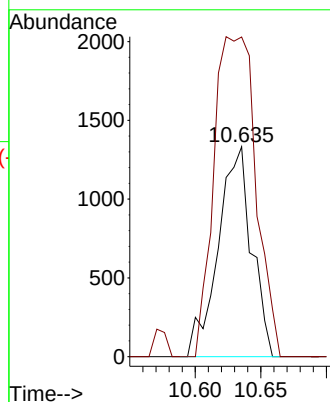
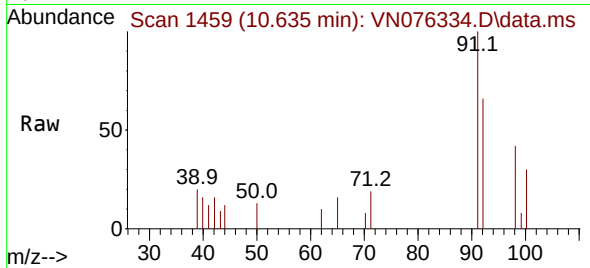




#52
Toluene
Concen: 0.231 ug/l
RT: 10.635 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

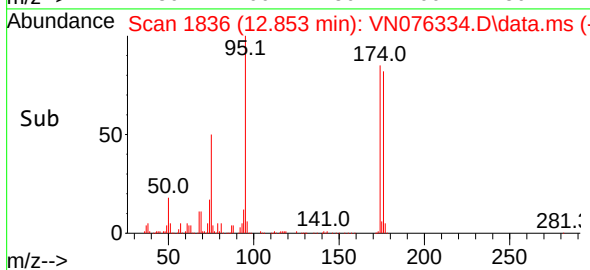
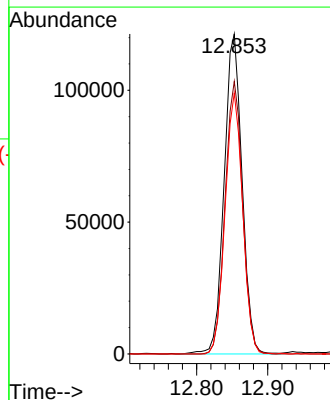
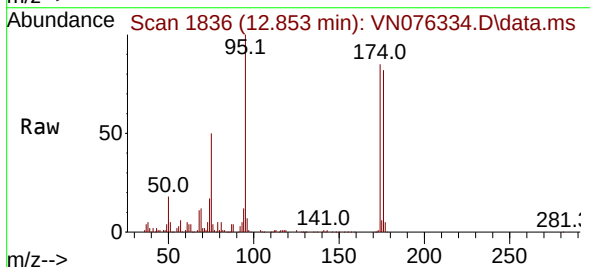
Instrument :
MSVOA_N
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PE-2ME

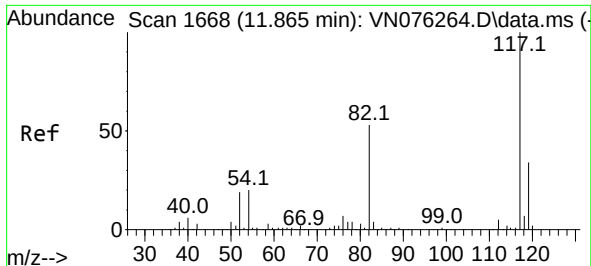
Tgt Ion: 92 Resp: 2363
Ion Ratio Lower Upper
92 100
91 191.8 136.6 205.0



#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

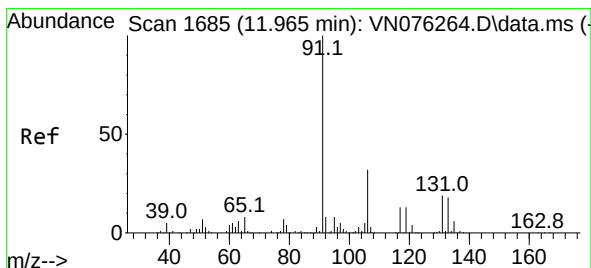
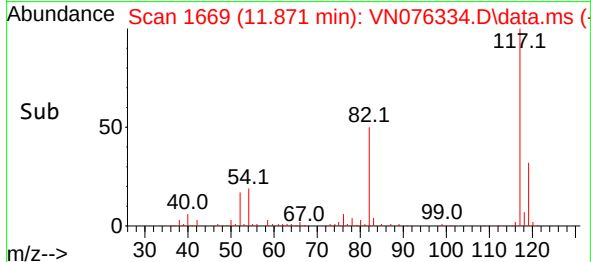
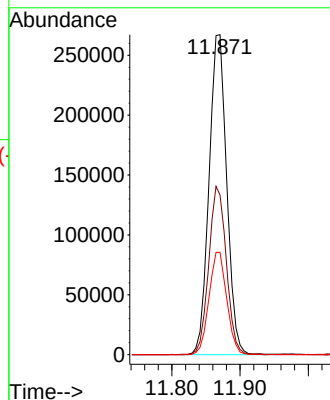
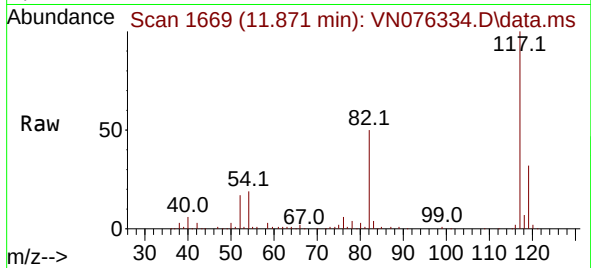




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

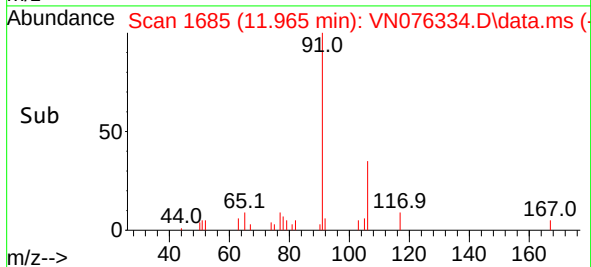
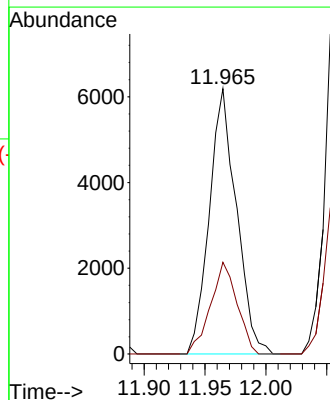
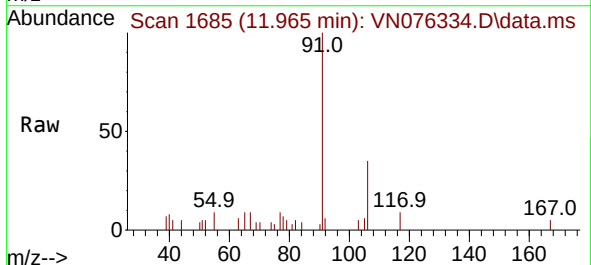
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

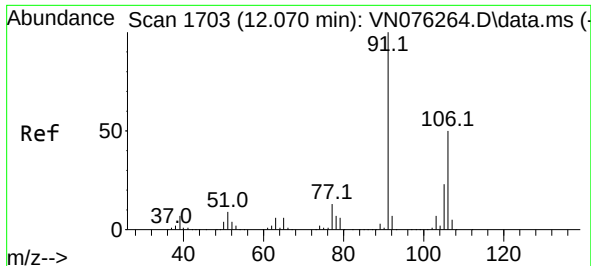
Tgt Ion:117 Resp: 482146
Ion Ratio Lower Upper
117 100
82 49.8 42.2 63.2
119 32.0 26.9 40.3



#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

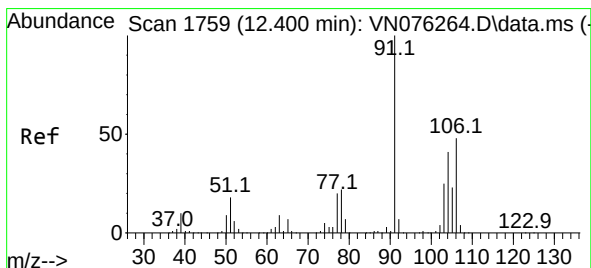
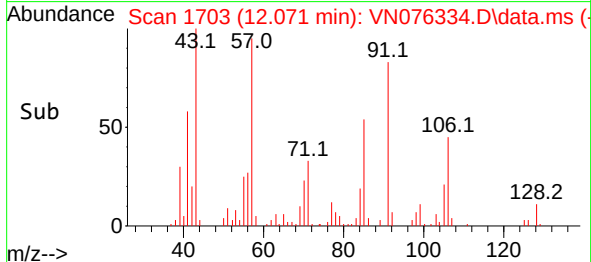
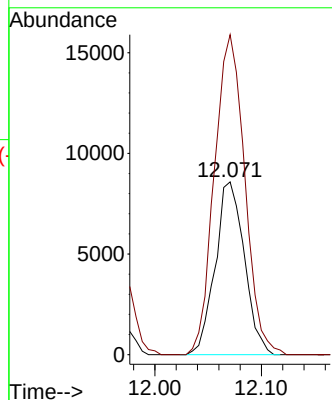
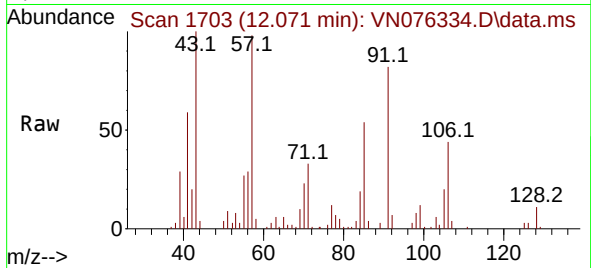




#68
m/p-Xylenes
Concen: 2.328 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. 0.001 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

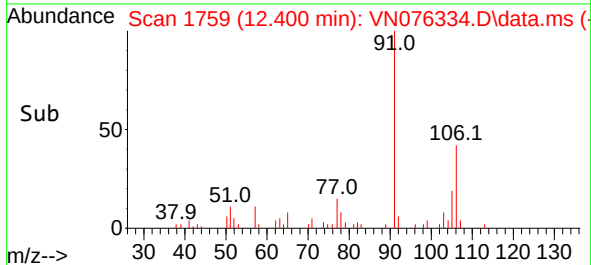
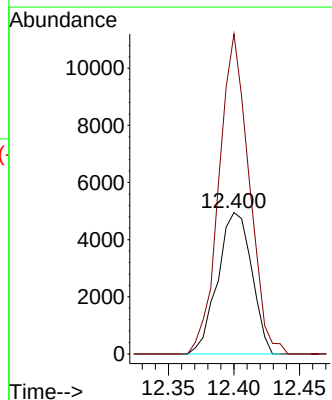
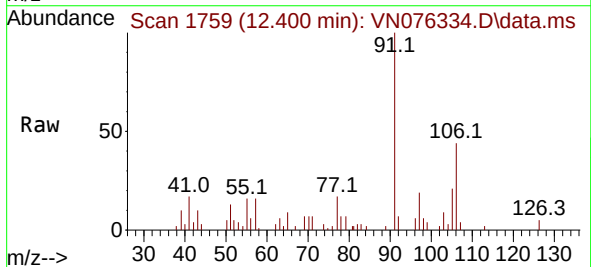
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ClientSampleId :
PE-2ME

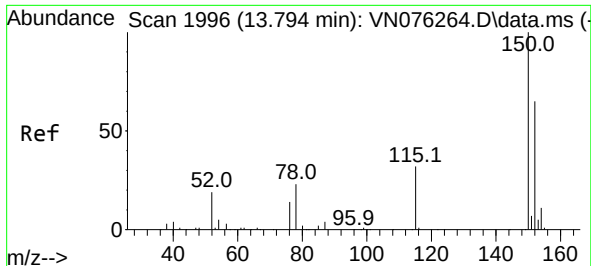
Tgt Ion:106 Resp: 16280
Ion Ratio Lower Upper
106 100
91 193.3 157.5 236.3



#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

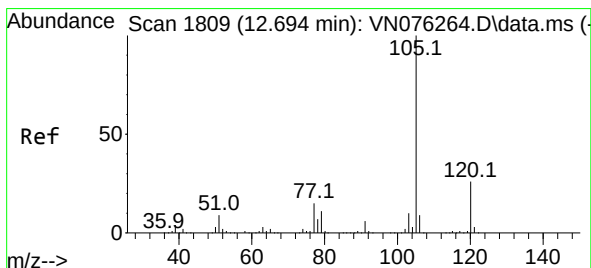
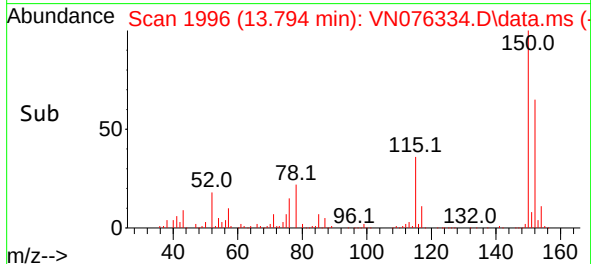
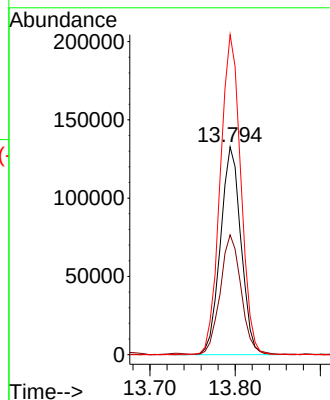
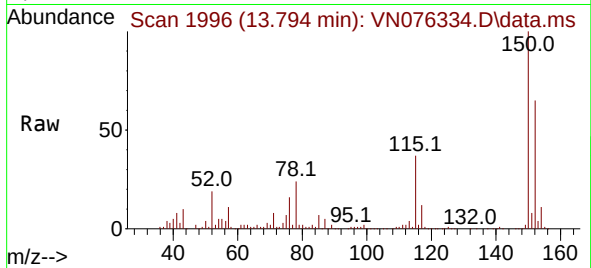




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

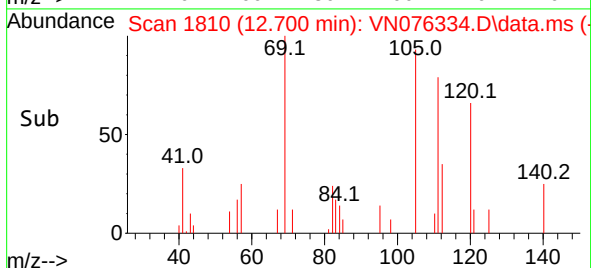
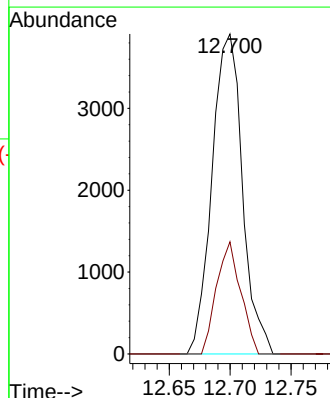
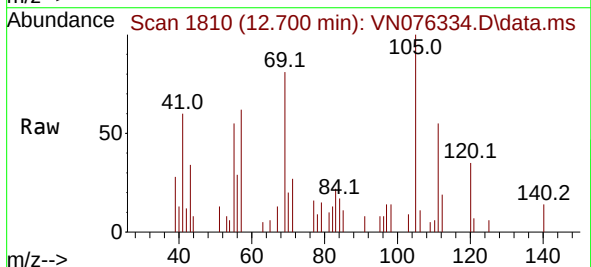
Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

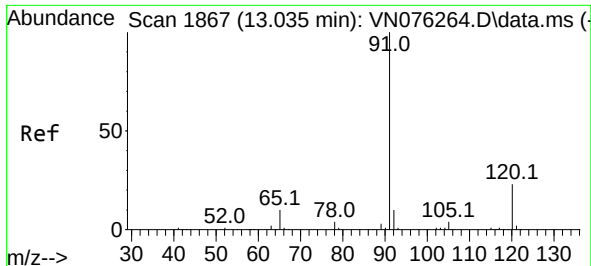
Tgt Ion:152 Resp: 221829
Ion Ratio Lower Upper
152 100
115 59.0 29.6 88.9
150 154.7 0.0 351.4



#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

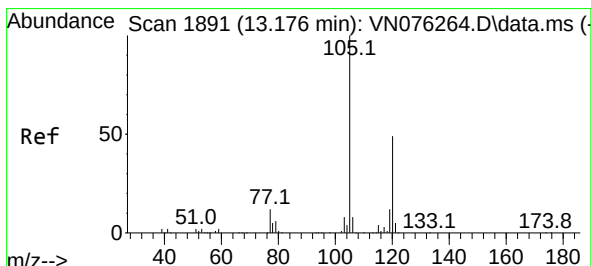
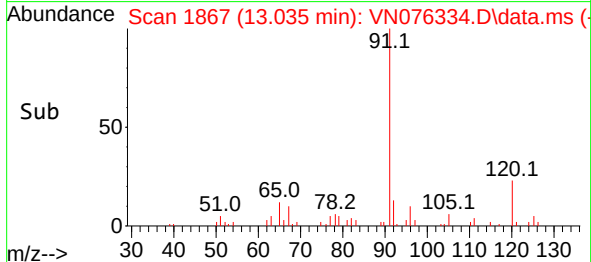
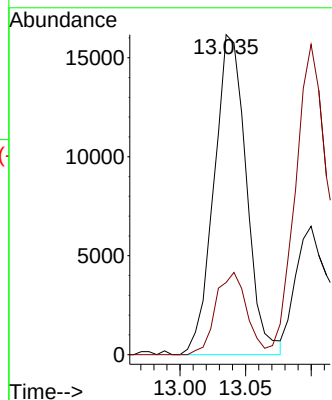
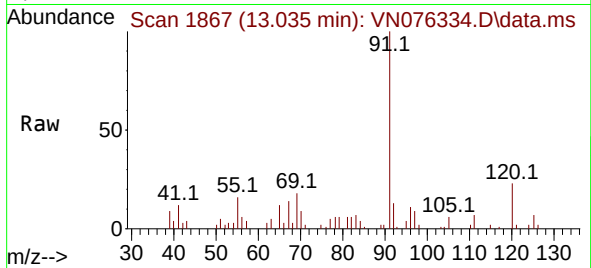




#78
 n-propylbenzene
 Concen: 1.431 ug/l
 RT: 13.035 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN076334.D
 Acq: 19 Jan 2023 20:07

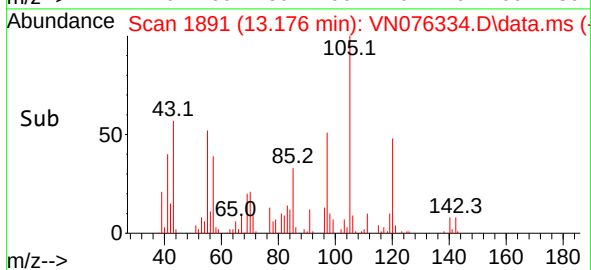
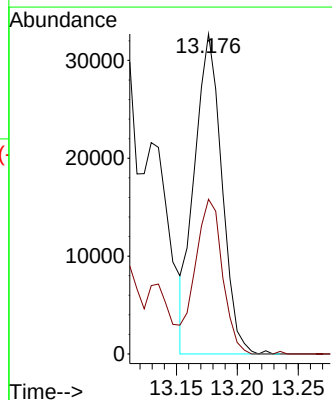
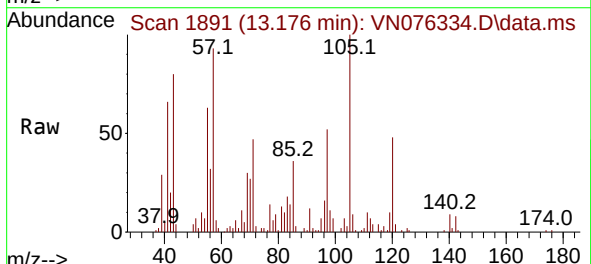
Instrument :
 MSVOA_N
 ClientSampleId :
 PE-2ME

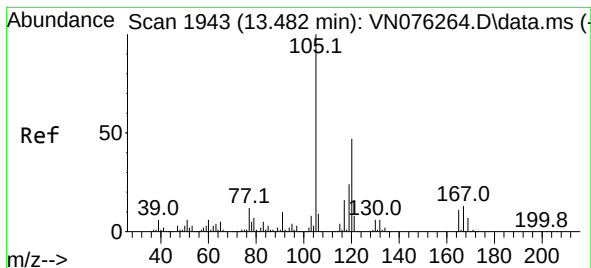
Tgt Ion: 91 Resp: 27700
 Ion Ratio Lower Upper
 91 100
 120 24.6 11.9 35.5



#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

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





#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

Instrument :

MSVOA_N

ClientSampleId :

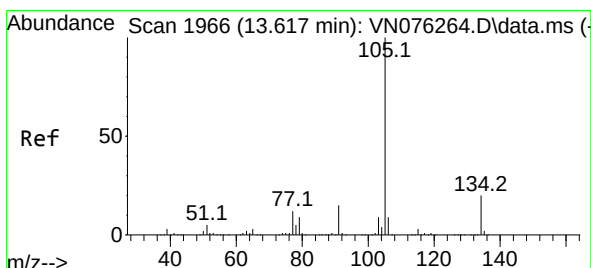
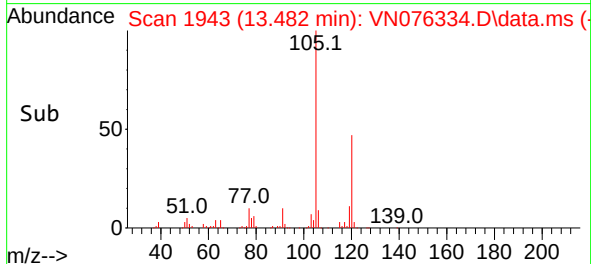
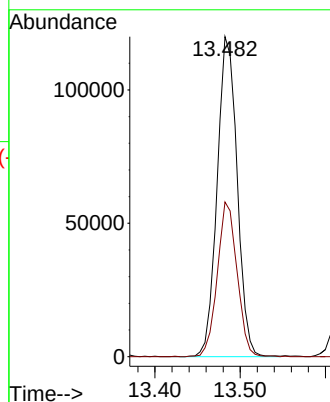
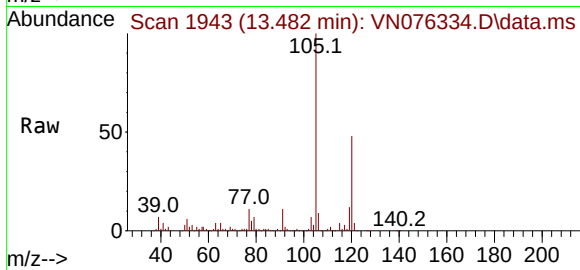
PE-2ME

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

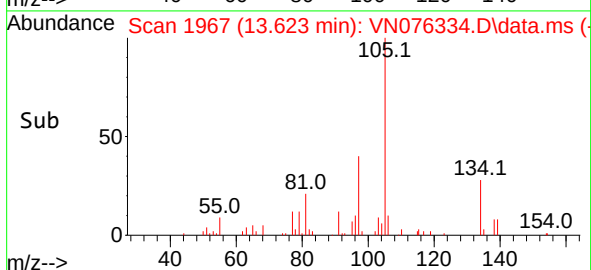
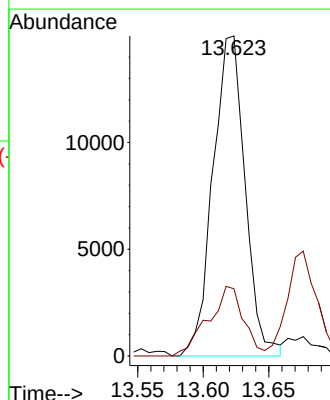
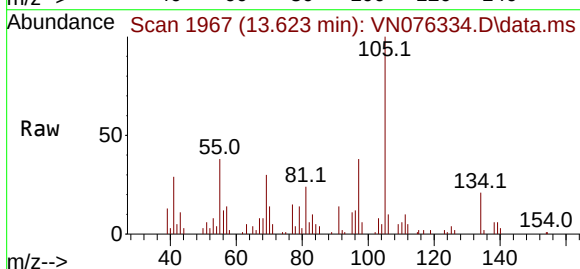
Acq: 19 Jan 2023 20:07

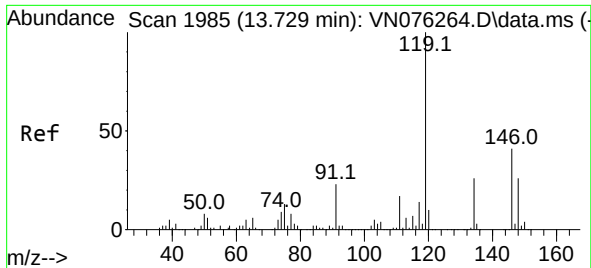
Tgt Ion:105 Resp: 25589

Ion Ratio Lower Upper

105 100

134 23.8 10.3 30.8

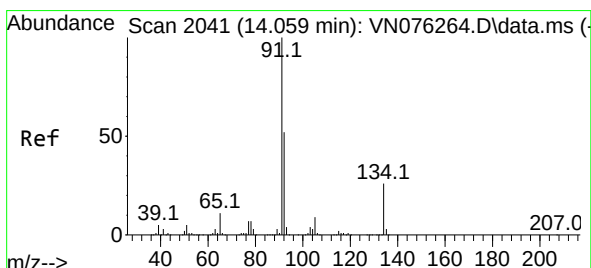
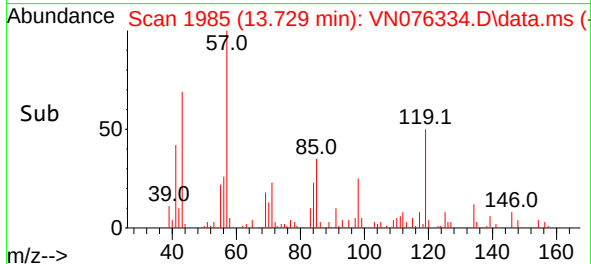
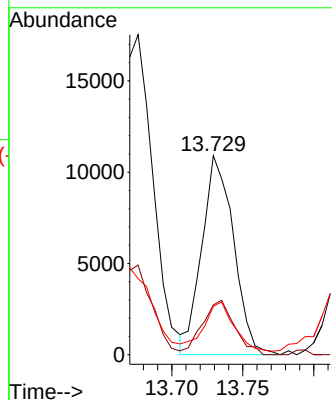
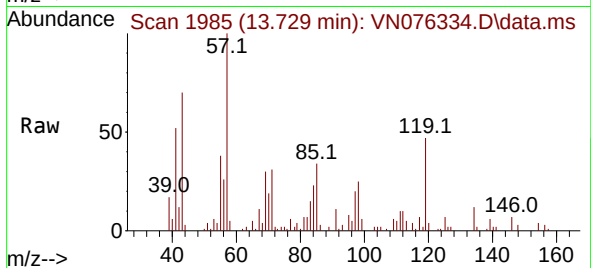




#86
p-Isopropyltoluene
Concen: 1.161 ug/l
RT: 13.729 min Scan# 1985
Delta R.T. 0.000 min
Lab File: VN076334.D
Acq: 19 Jan 2023 20:07

Instrument :
MSVOA_N
ClientSampleId :
PE-2ME

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



#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

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#

