

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080748.D
 Acq On : 22 Jan 2024 20:08
 Operator : JC\MD
 Sample : P1179-15 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-8

Quant Time: Jan 23 03:59:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 11 06:34:36 2024
 Response via : Initial Calibration

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

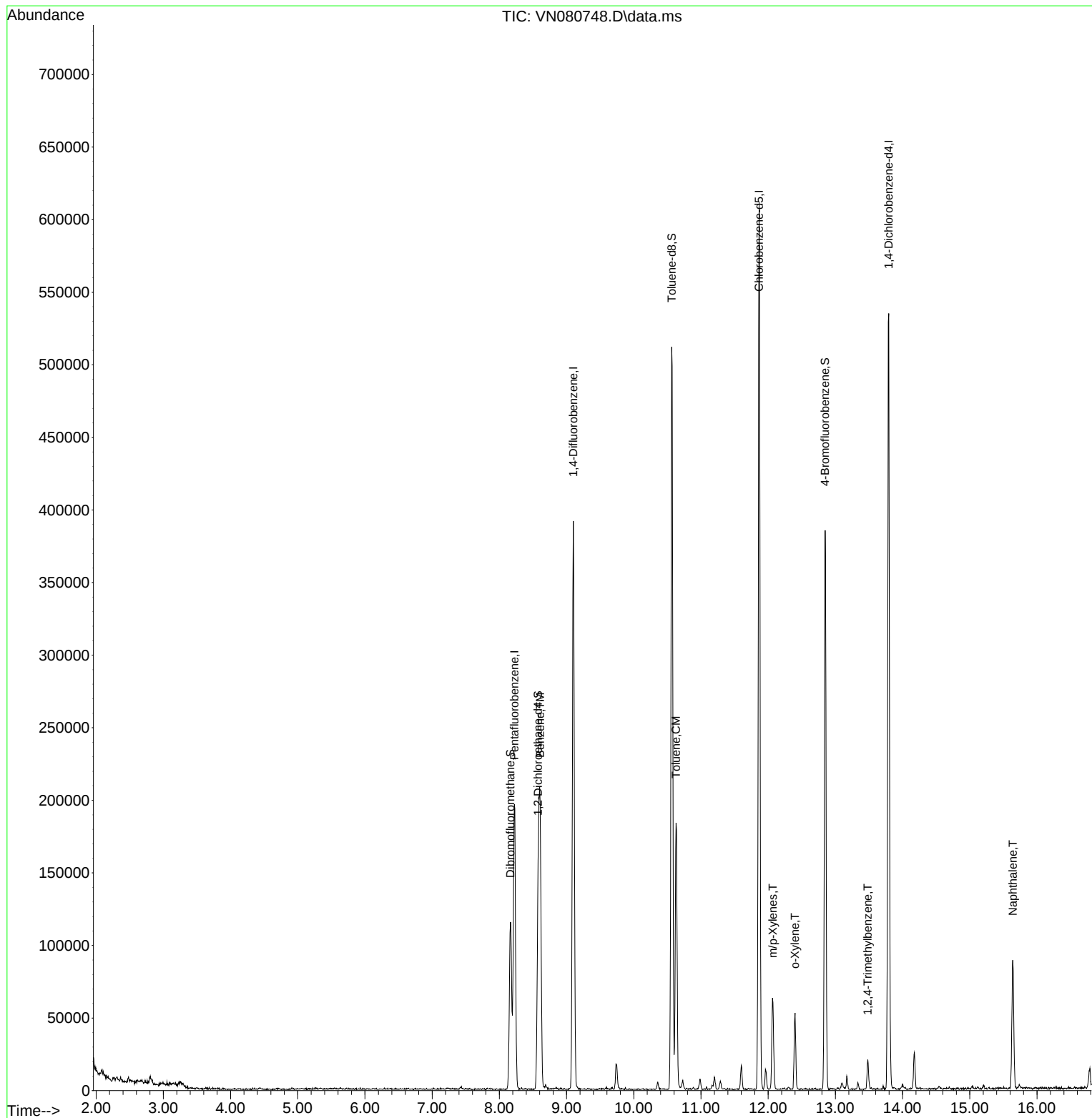
Internal Standards						
1) Pentafluorobenzene	8.223	168	129229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	302871	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	310195	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	126015	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	99346	43.776	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	87.560%		
35) Dibromofluoromethane	8.165	113	83085	48.282	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.560%		
50) Toluene-d8	10.564	98	345252	52.617	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.240%		
62) 4-Bromofluorobenzene	12.847	95	133239	52.951	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	105.900%		
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	170735	17.229	ug/l	98
52) Toluene	10.629	92	79428	13.990	ug/l	99
68) m/p-Xylenes	12.070	106	19139	4.207	ug/l	97
69) o-Xylene	12.400	106	13626	3.063	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	10901	1.110	ug/l	96
95) Naphthalene	15.641	128	77430	8.819	ug/l	99

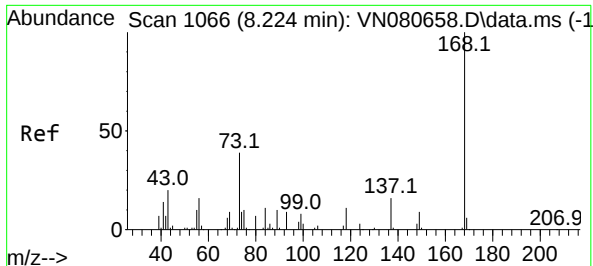
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jan 11 06:34:36 2024
Response via : Initial Calibration

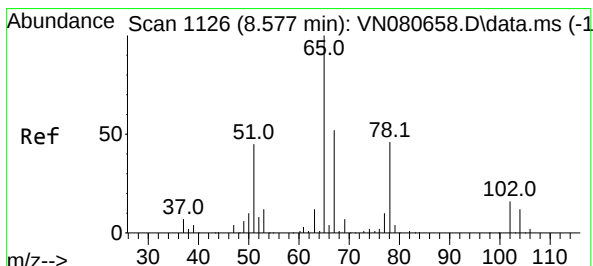
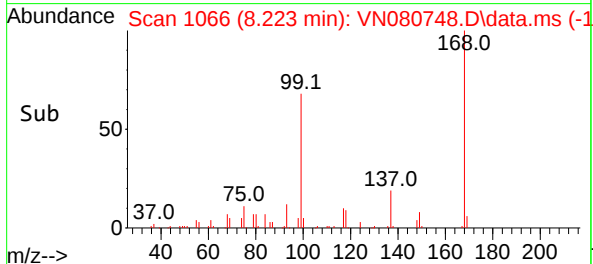
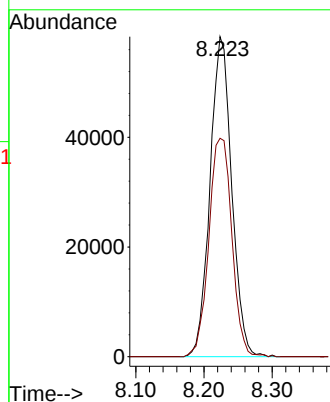
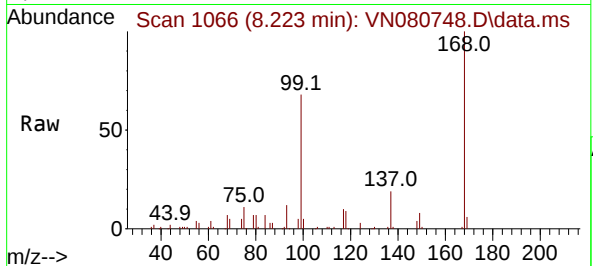




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.223 min Scan# 1066
Delta R.T. -0.001 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

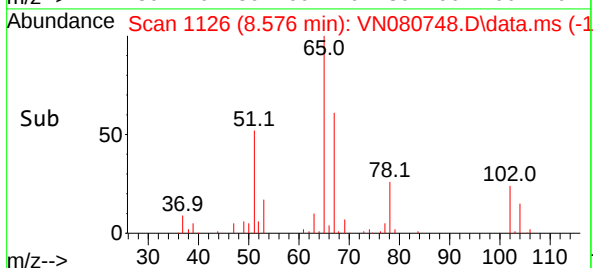
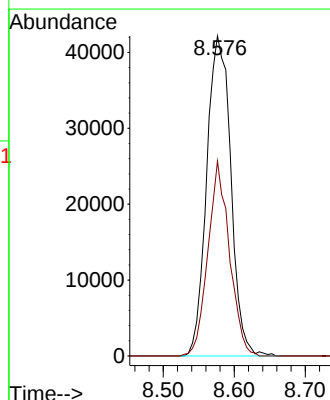
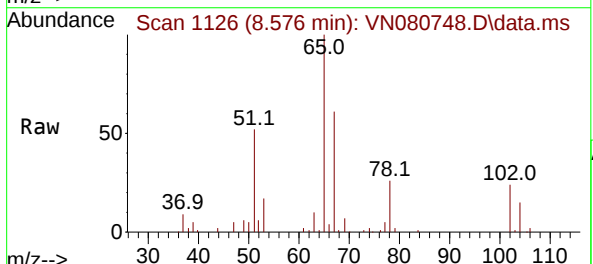
Instrument :
MSVOA_N
ClientSampleId :
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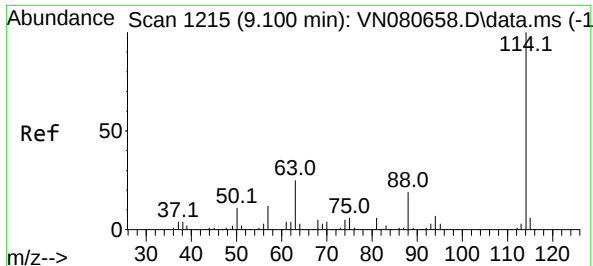
Tgt Ion:168 Resp: 129229
Ion Ratio Lower Upper
168 100
99 68.2 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.776 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.001 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

Tgt Ion: 65 Resp: 99346
Ion Ratio Lower Upper
65 100
67 54.4 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN080748.D

Acq: 22 Jan 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

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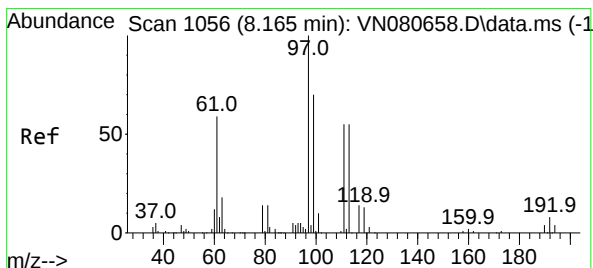
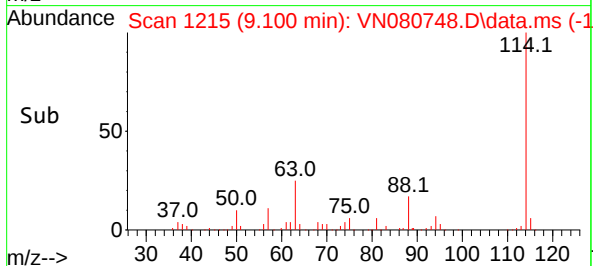
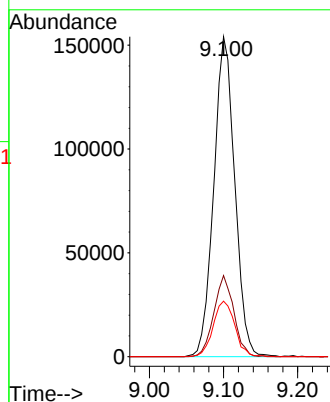
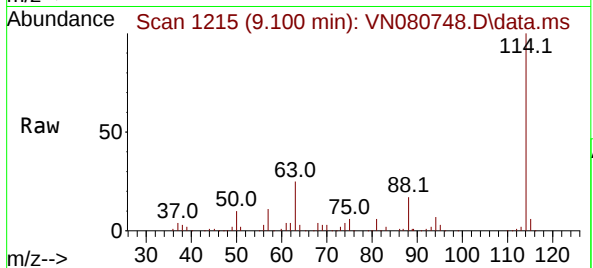
Tgt Ion:114 Resp: 302871

Ion Ratio Lower Upper

114 100

63 25.3 0.0 36.4

88 17.4 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.282 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN080748.D

Acq: 22 Jan 2024 20:08

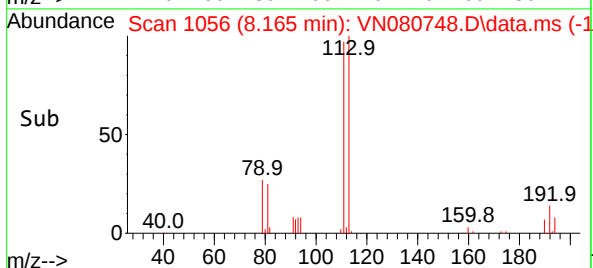
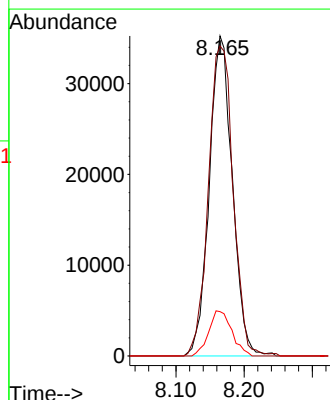
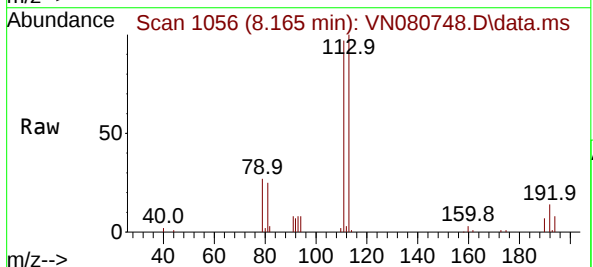
Tgt Ion:113 Resp: 83085

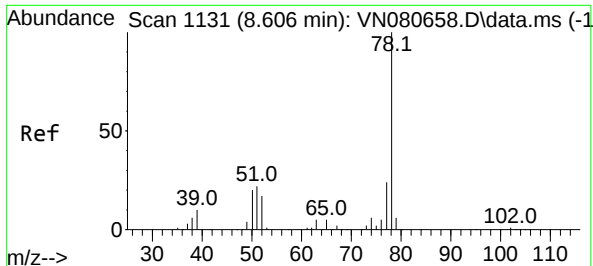
Ion Ratio Lower Upper

113 100

111 103.8 82.6 123.8

192 14.1 12.7 19.1

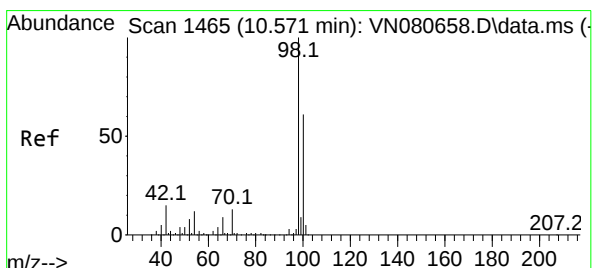
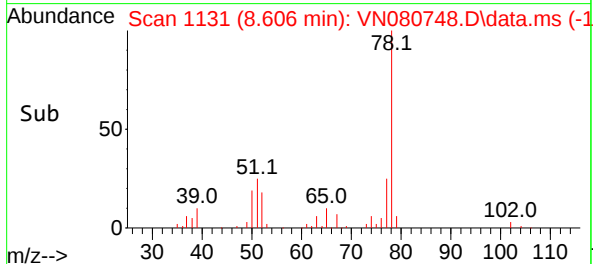
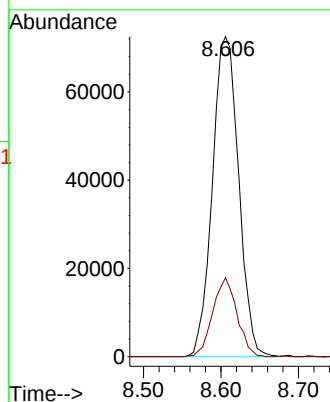
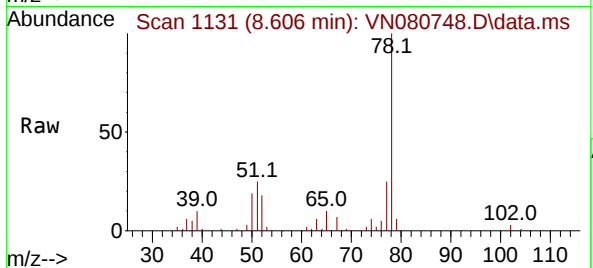




#40
Benzene
Concen: 17.229 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

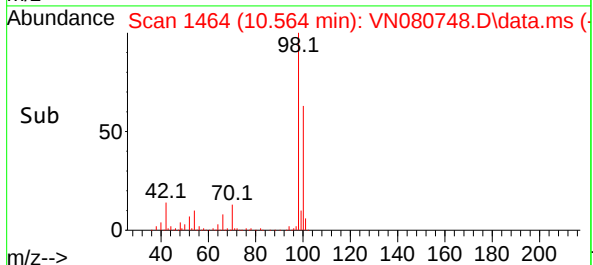
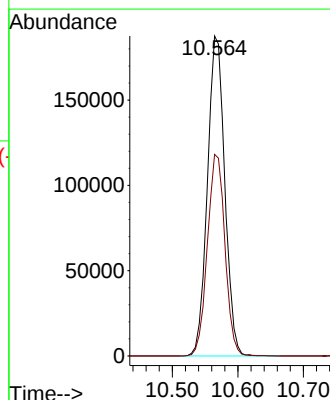
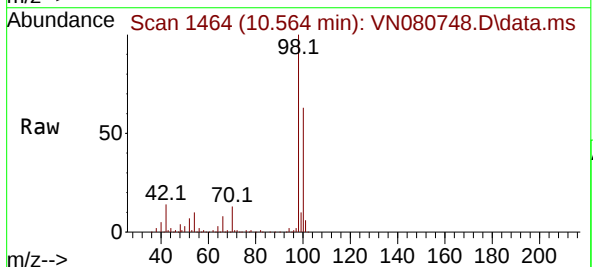
Instrument :
MSVOA_N
ClientSampleId :
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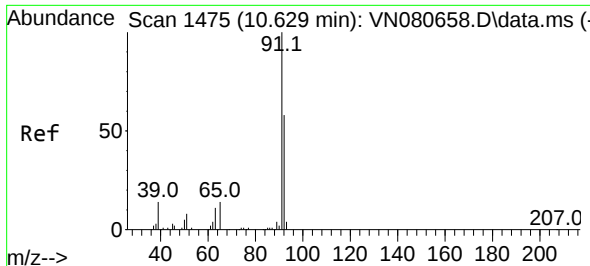
Tgt Ion: 78 Resp: 170735
Ion Ratio Lower Upper
78 100
77 24.7 19.0 28.6



#50
Toluene-d8
Concen: 52.617 ug/l
RT: 10.564 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

Tgt Ion: 98 Resp: 345252
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

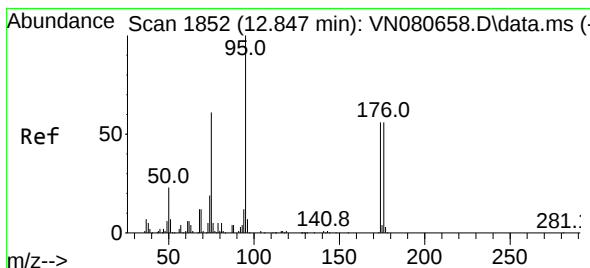
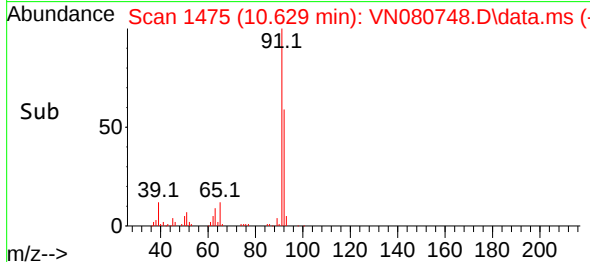
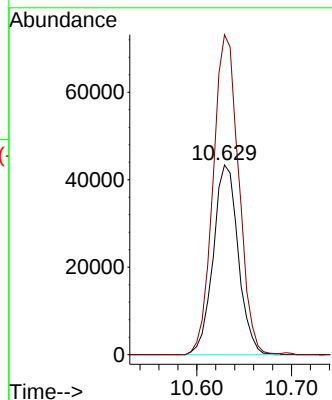
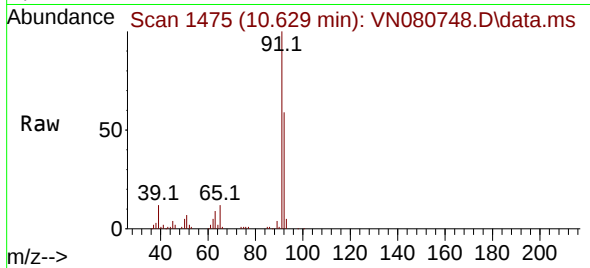




#52
Toluene
Concen: 13.990 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

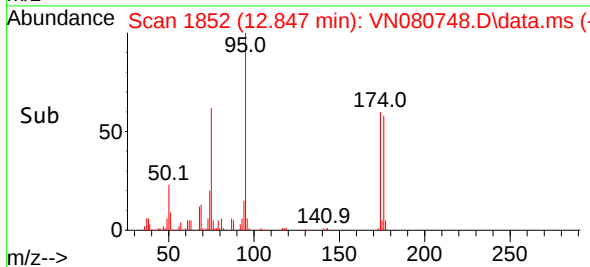
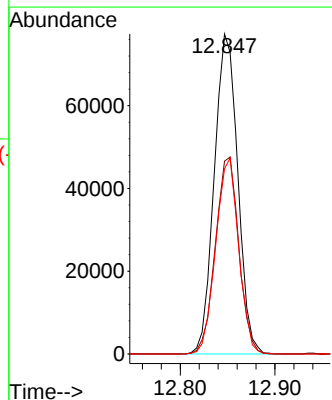
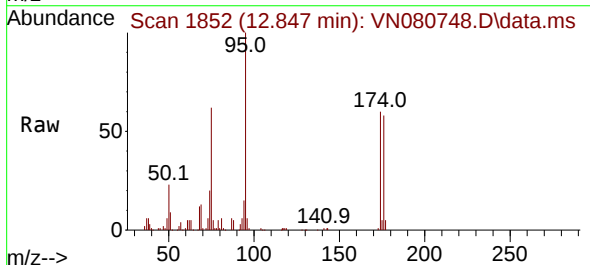
Instrument :
MSVOA_N
ClientSampleId :
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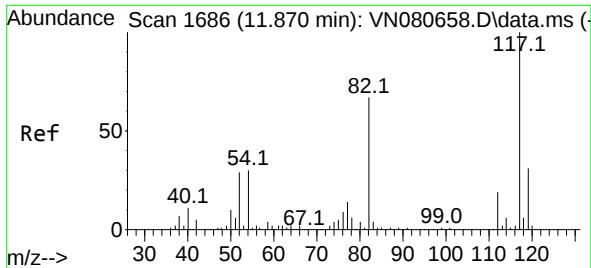
Tgt Ion: 92 Resp: 79428
Ion Ratio Lower Upper
92 100
91 173.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 52.951 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

Tgt Ion: 95 Resp: 133239
Ion Ratio Lower Upper
95 100
174 61.4 0.0 143.8
176 59.6 0.0 135.8

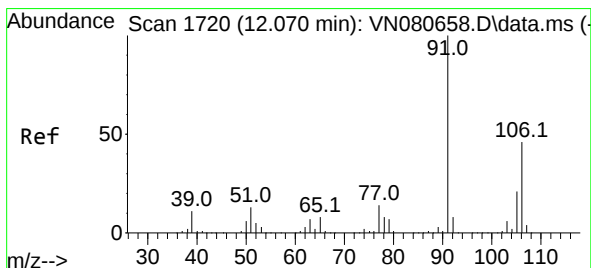
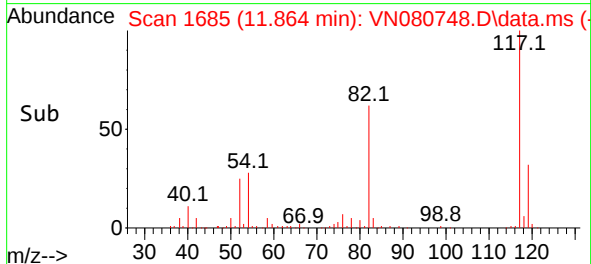
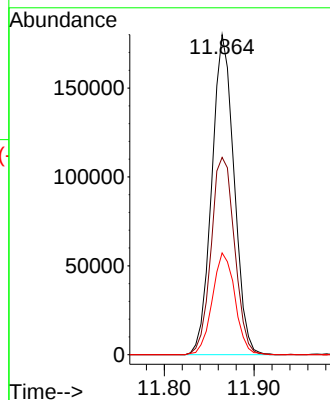
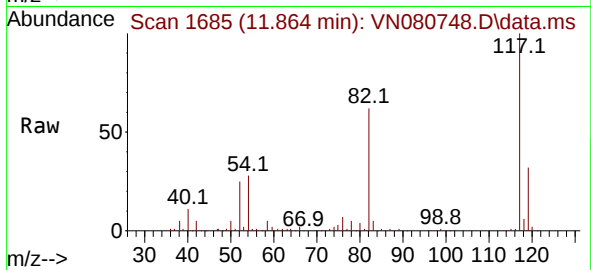




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

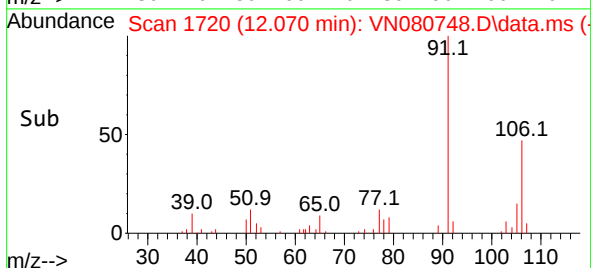
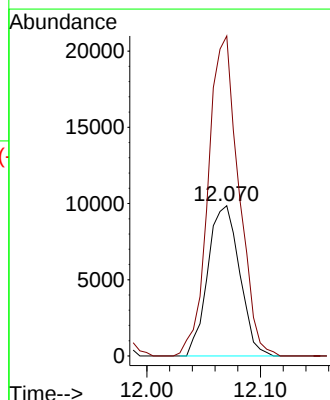
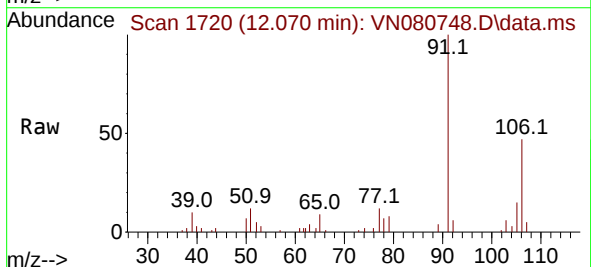
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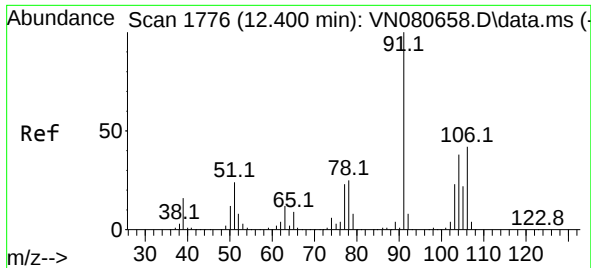
Tgt Ion:117 Resp: 310195
Ion Ratio Lower Upper
117 100
82 61.7 44.0 66.0
119 31.8 25.6 38.4



#68
m/p-Xylenes
Concen: 4.207 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

Tgt Ion:106 Resp: 19139
Ion Ratio Lower Upper
106 100
91 204.7 159.6 239.4

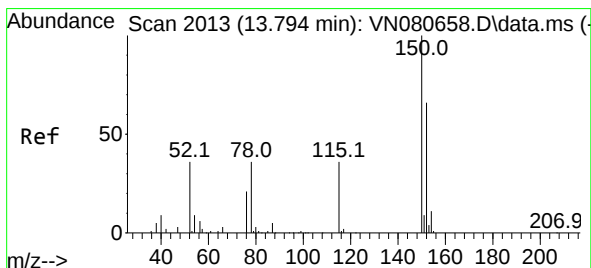
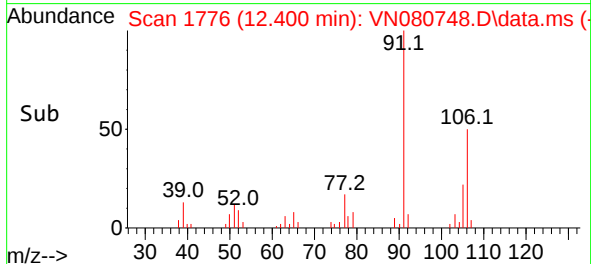
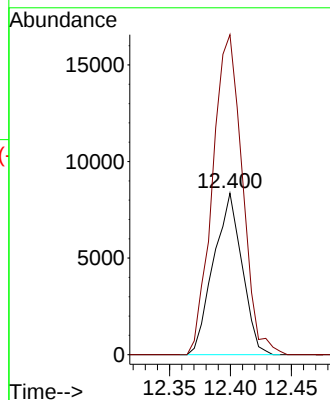
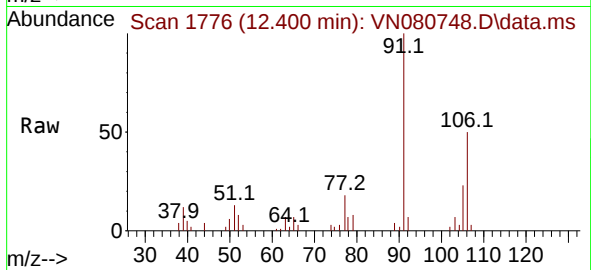




#69
o-Xylene
Concen: 3.063 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

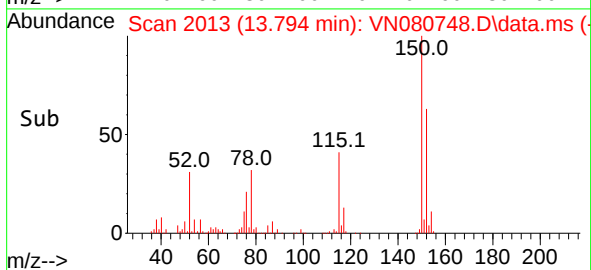
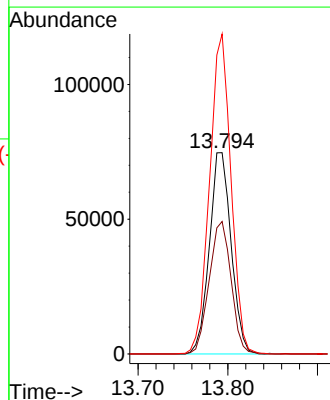
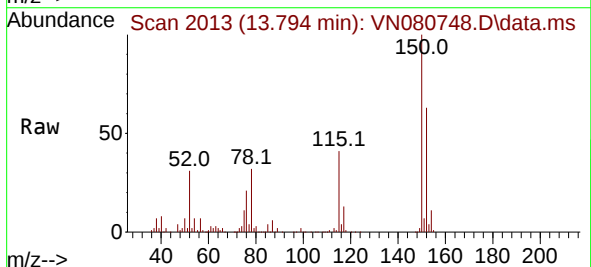
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ClientSampleId :
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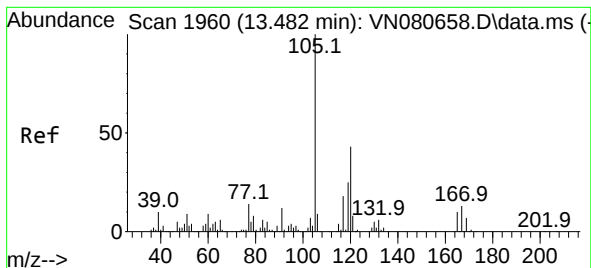
Tgt Ion:106 Resp: 13626
Ion Ratio Lower Upper
106 100
91 207.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080748.D
Acq: 22 Jan 2024 20:08

Tgt Ion:152 Resp: 126015
Ion Ratio Lower Upper
152 100
115 66.0 32.3 96.8
150 155.9 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 1.110 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080748.D

Acq: 22 Jan 2024 20:08

Instrument :

MSVOA_N

ClientSampleId :

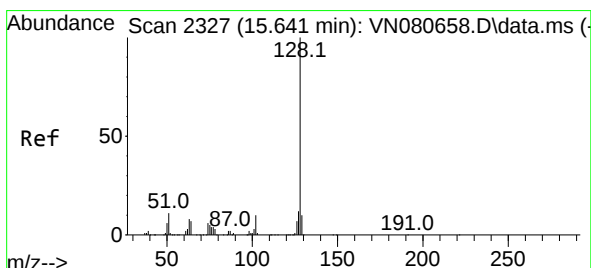
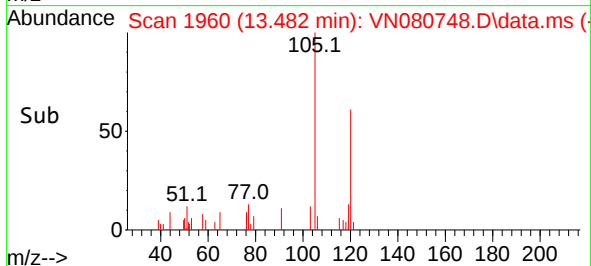
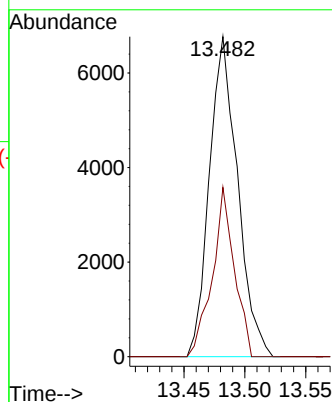
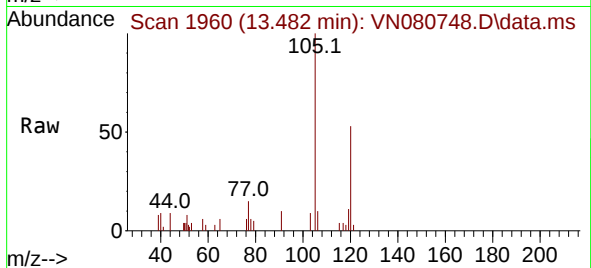
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Tgt Ion:105 Resp: 10901

Ion Ratio Lower Upper

105 100

120 41.4 22.0 66.0



#95

Naphthalene

Concen: 8.819 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080748.D

Acq: 22 Jan 2024 20:08

Tgt Ion:128 Resp: 77430

Ion Ratio Lower Upper

128 100

127 12.0 10.0 15.0

129 10.5 8.7 13.1

