

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080743.D
 Acq On : 22 Jan 2024 18:10
 Operator : JC\MD
 Sample : P1179-10 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-3

Quant Time: Jan 23 03:57:37 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)

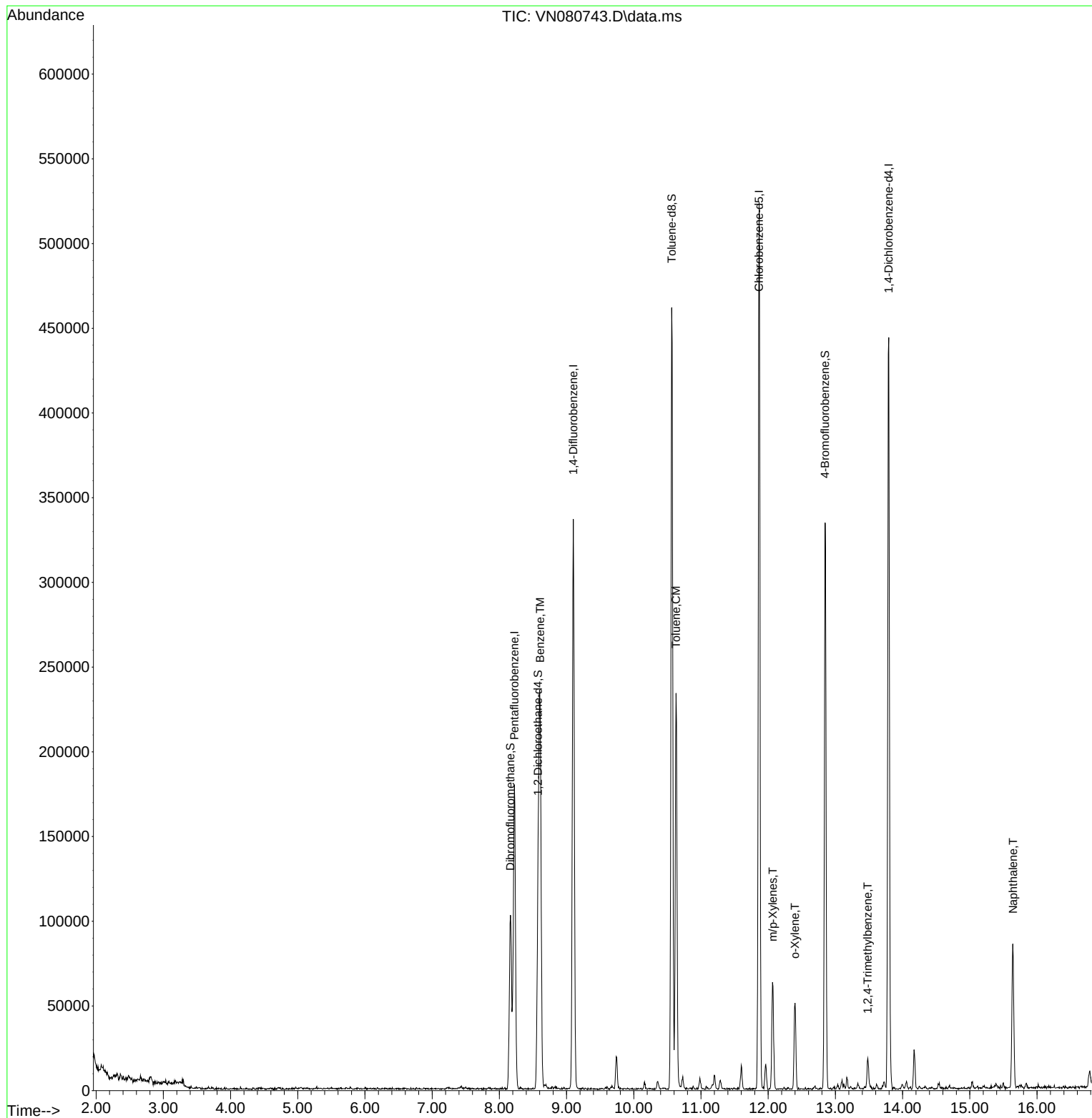
Internal Standards						
1) Pentafluorobenzene	8.224	168	115505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	266169	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	105026	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	88249	43.507	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.020%
35) Dibromofluoromethane	8.165	113	74908	49.532	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.060%
50) Toluene-d8	10.565	98	303562	52.642	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	105.280%
62) 4-Bromofluorobenzene	12.847	95	115599	52.276	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.560%
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	209793	24.090	ug/l	96
52) Toluene	10.630	92	98341	19.709	ug/l	100
68) m/p-Xylenes	12.071	106	17718	4.417	ug/l	80
69) o-Xylene	12.400	106	13268	3.383	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	11192	1.367	ug/l	90
95) Naphthalene	15.647	128	74041	10.118	ug/l	99

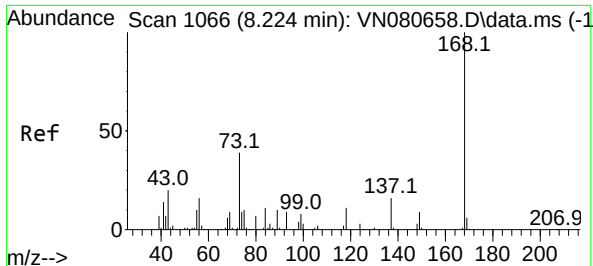
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 23 03:57:37 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

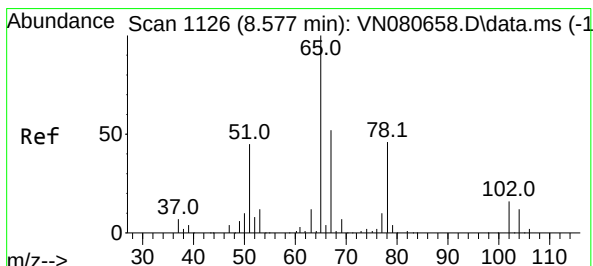
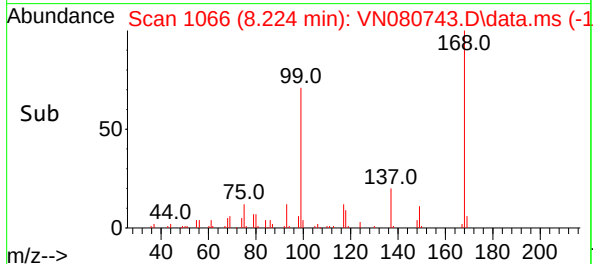
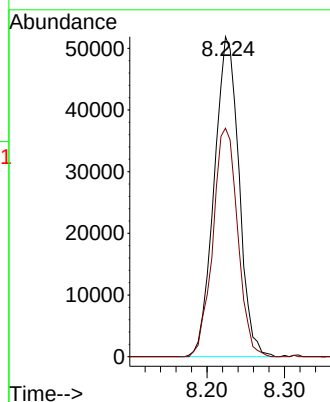
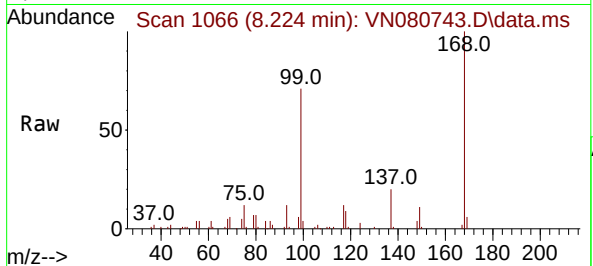




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

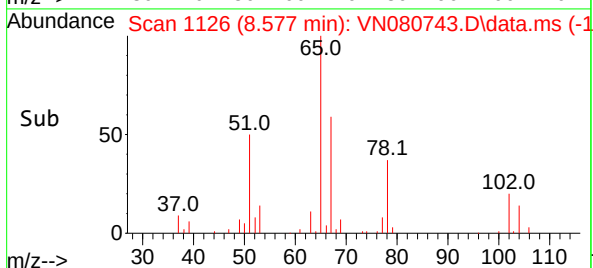
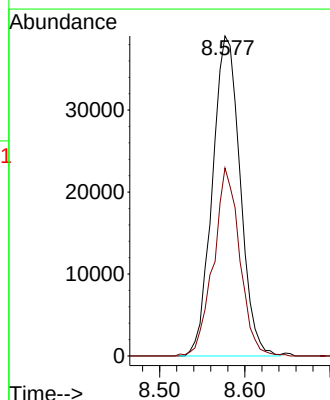
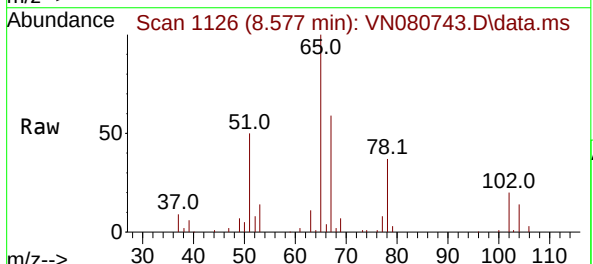
Instrument :
MSVOA_N
ClientSampleId :
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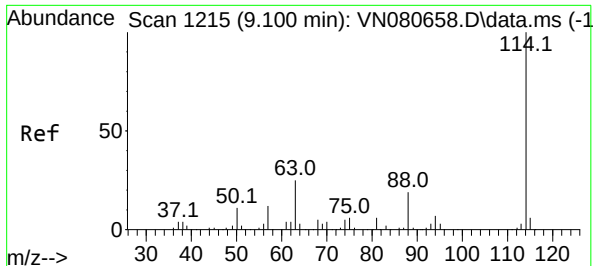
Tgt Ion:168 Resp: 115505
Ion Ratio Lower Upper
168 100
99 71.4 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 43.507 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

Tgt Ion: 65 Resp: 88249
Ion Ratio Lower Upper
65 100
67 55.7 0.0 106.6

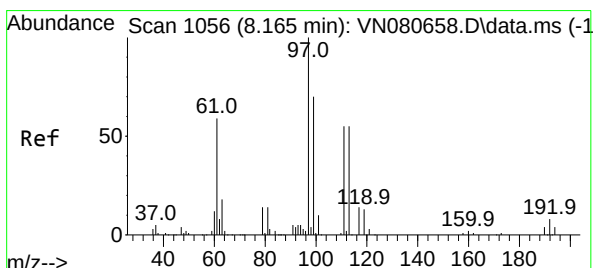
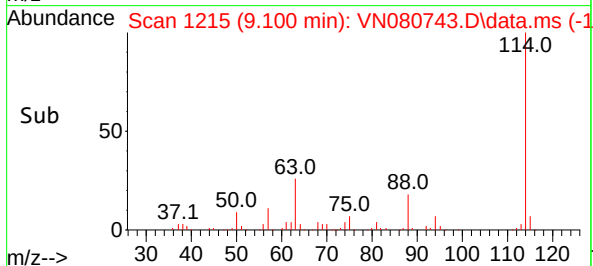
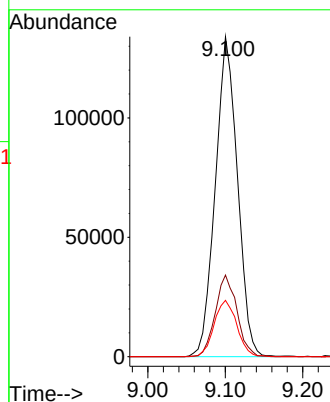
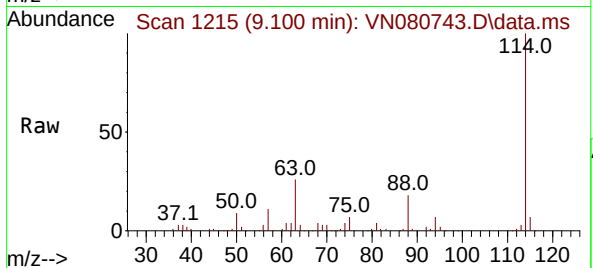




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

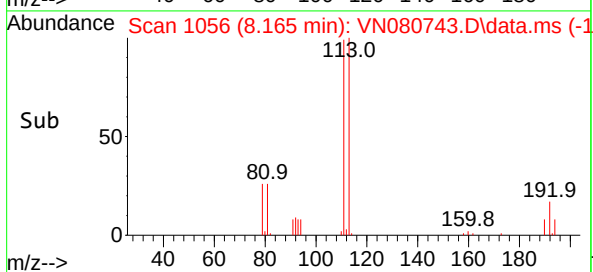
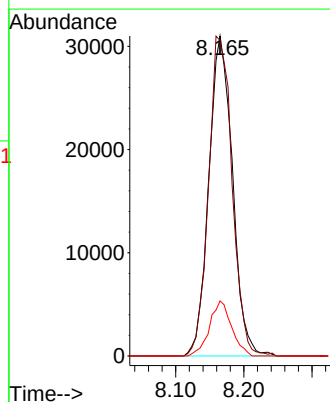
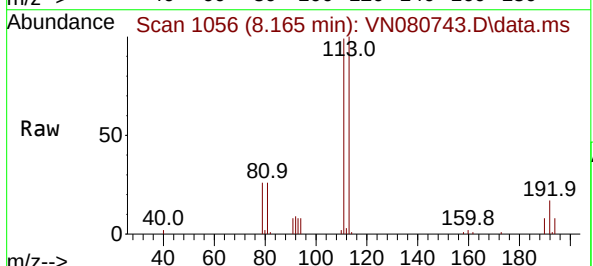
Instrument :
MSVOA_N
ClientSampleId :
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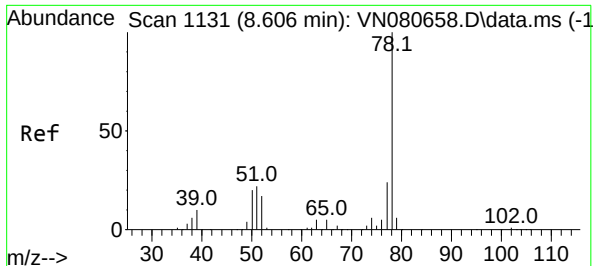
Tgt Ion:114	Resp:	266169
Ion	Ratio	Lower Upper
114	100	
63	25.5	0.0 36.4
88	17.6	0.0 30.6



#35
Dibromofluoromethane
Concen: 49.532 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

Tgt Ion:113	Resp:	74908
Ion	Ratio	Lower Upper
113	100	
111	99.4	82.6 123.8
192	16.0	12.7 19.1

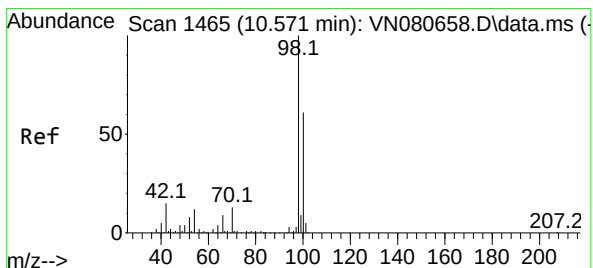
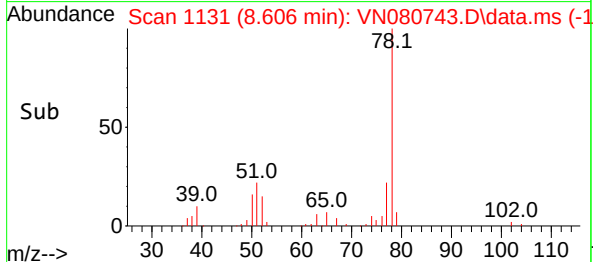
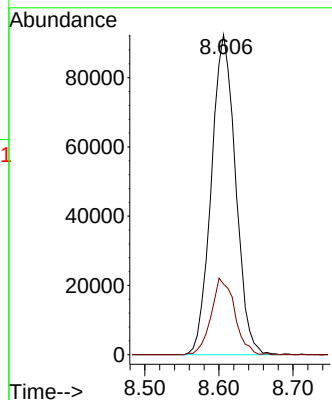
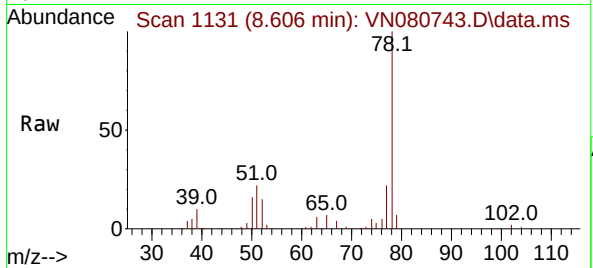




#40
Benzene
Concen: 24.090 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

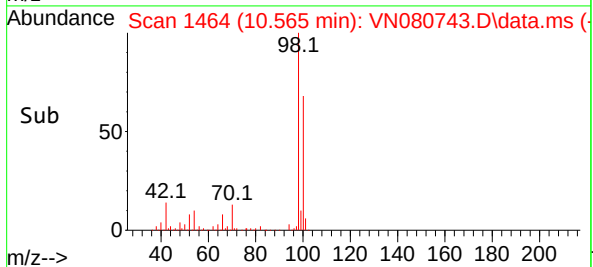
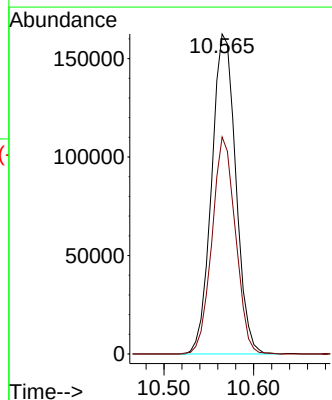
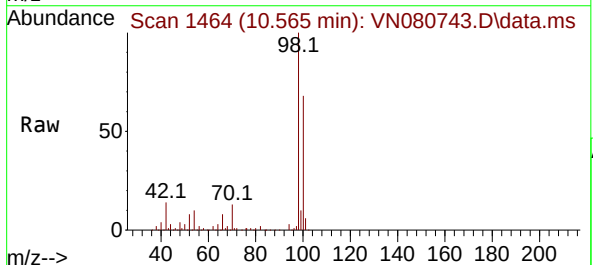
Instrument :
MSVOA_N
ClientSampleId :
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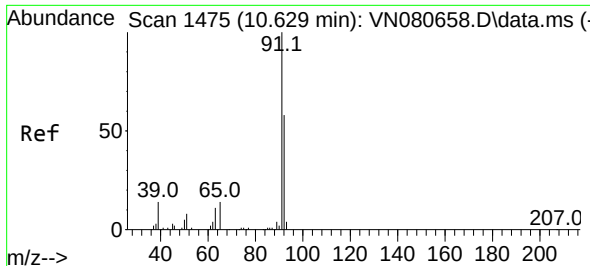
Tgt Ion: 78 Resp: 209793
Ion Ratio Lower Upper
78 100
77 22.0 19.0 28.6



#50
Toluene-d8
Concen: 52.642 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

Tgt Ion: 98 Resp: 303562
Ion Ratio Lower Upper
98 100
100 65.9 52.0 78.0

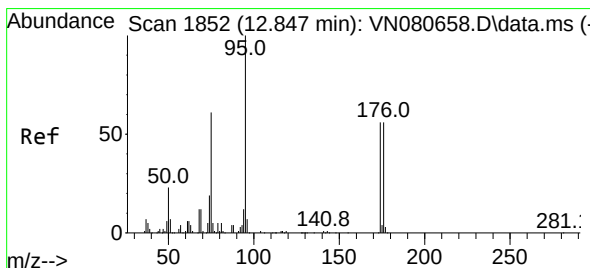
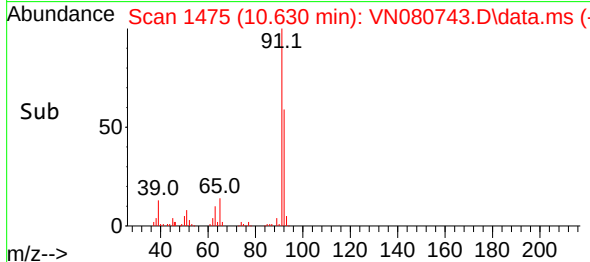
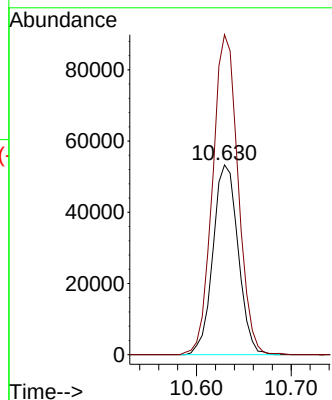
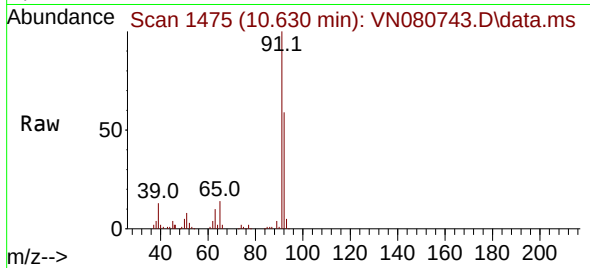




#52
Toluene
Concen: 19.709 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

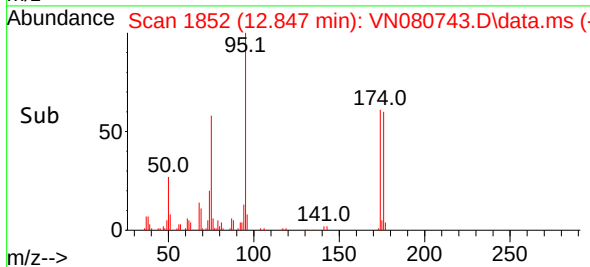
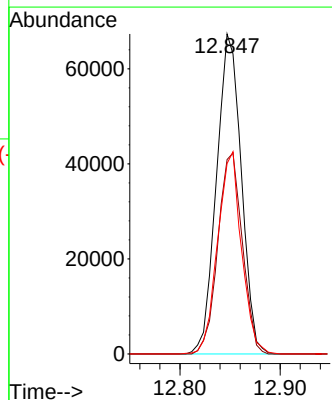
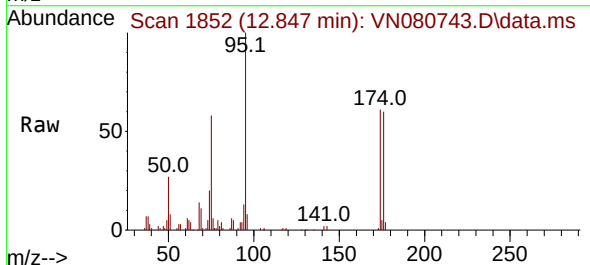
Instrument :
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ClientSampleId :
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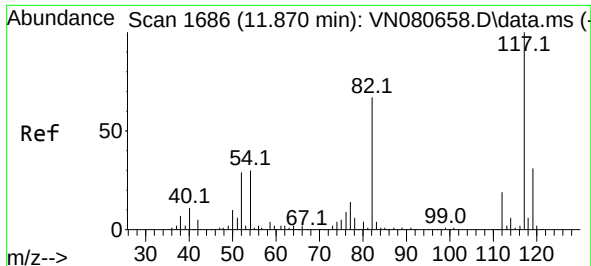
Tgt Ion: 92 Resp: 98341
Ion Ratio Lower Upper
92 100
91 171.0 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 52.276 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

Tgt Ion: 95 Resp: 115599
Ion Ratio Lower Upper
95 100
174 62.0 0.0 143.8
176 60.8 0.0 135.8

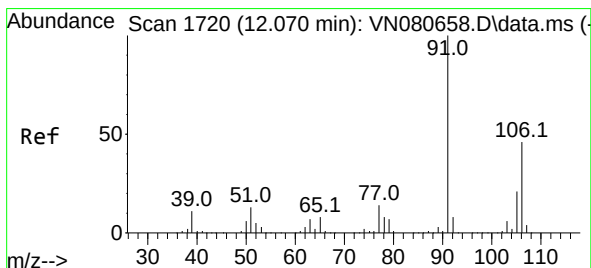
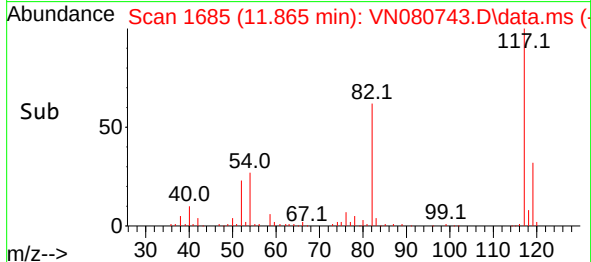
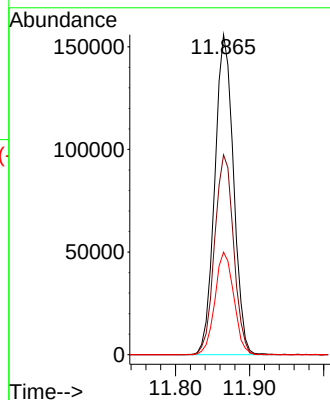
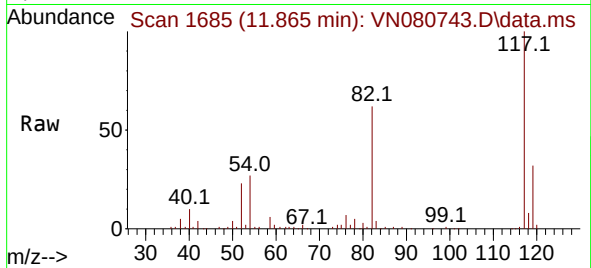




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

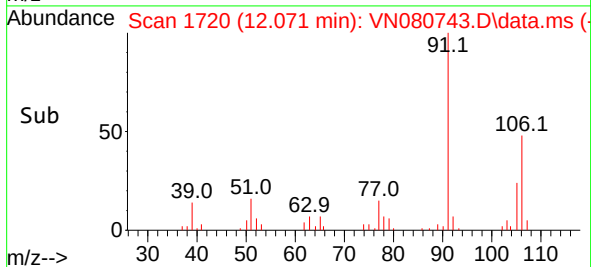
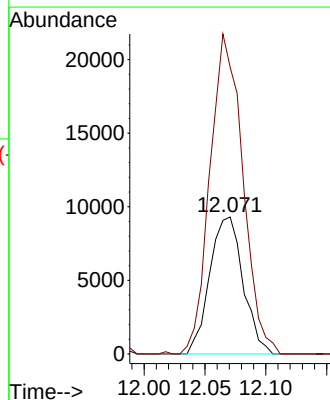
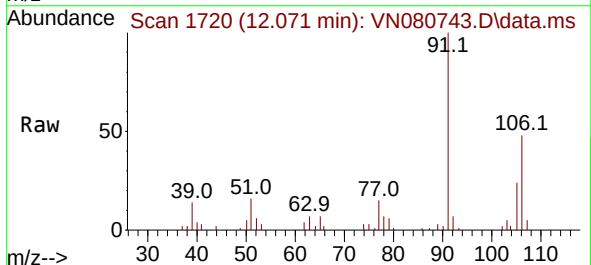
Instrument :
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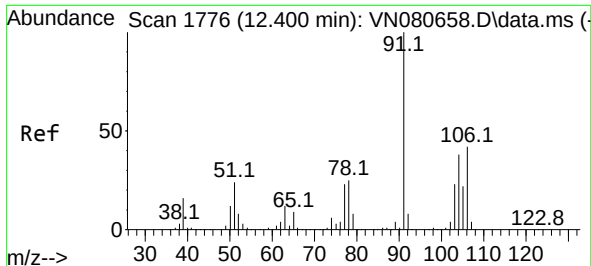
Tgt Ion:117 Resp: 273465
Ion Ratio Lower Upper
117 100
82 62.4 44.0 66.0
119 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 4.417 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

Tgt Ion:106 Resp: 17718
Ion Ratio Lower Upper
106 100
91 230.2 159.6 239.4

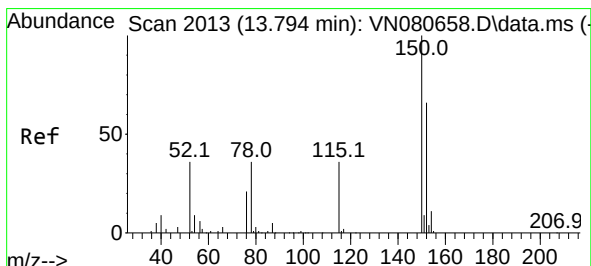
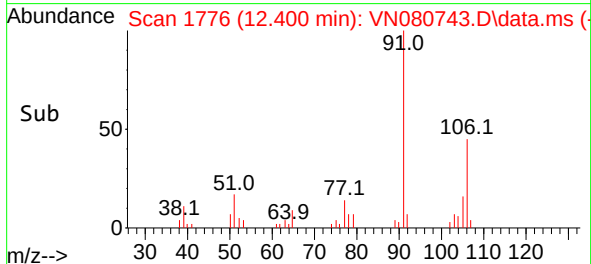
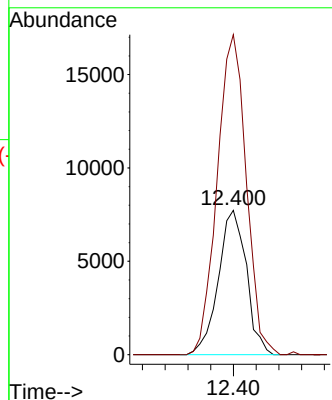
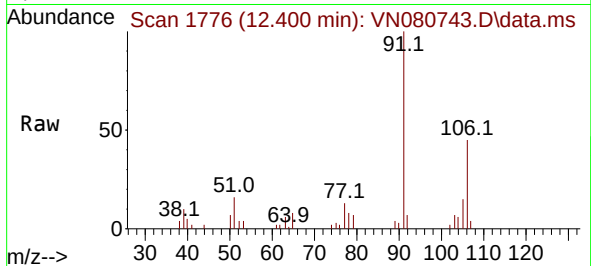




#69
o-Xylene
Concen: 3.383 ug/l
RT: 12.400 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

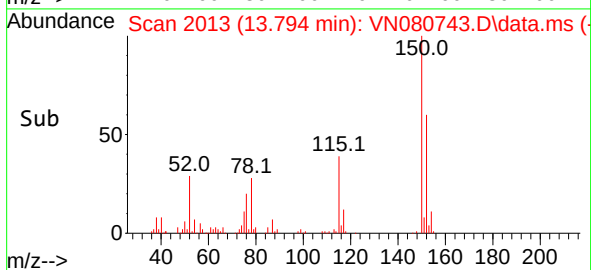
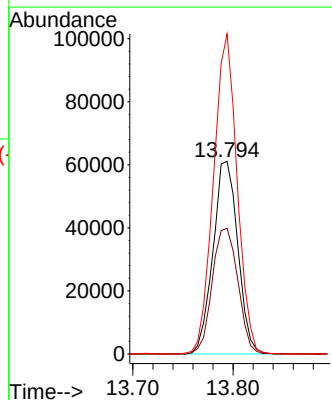
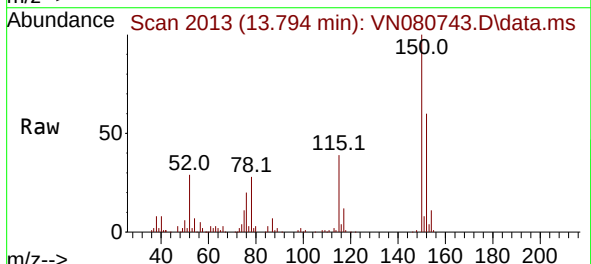
Instrument :
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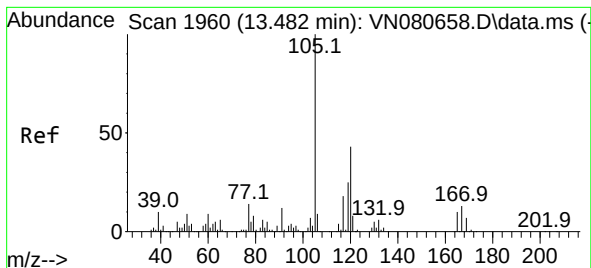
Tgt Ion:106 Resp: 13268
Ion Ratio Lower Upper
106 100
91 229.1 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080743.D
Acq: 22 Jan 2024 18:10

Tgt Ion:152 Resp: 105026
Ion Ratio Lower Upper
152 100
115 67.5 32.3 96.8
150 158.2 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 1.367 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN080743.D

Acq: 22 Jan 2024 18:10

Instrument :

MSVOA_N

ClientSampleId :

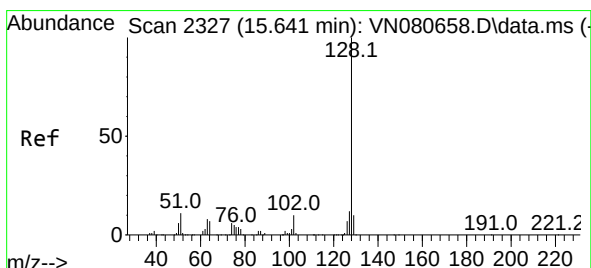
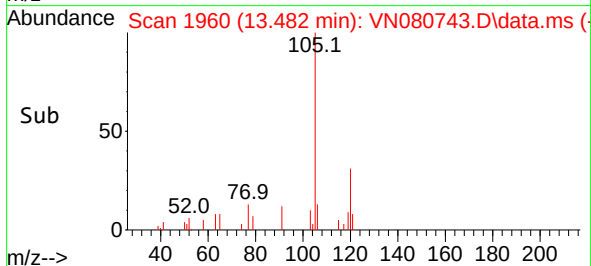
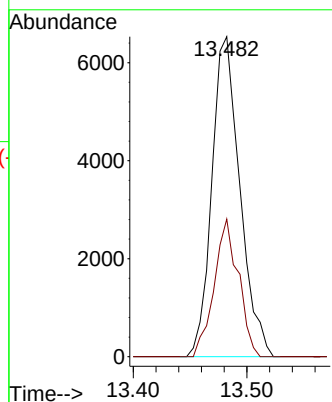
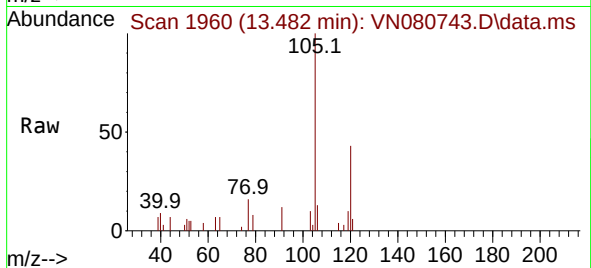
S-3

Tgt Ion:105 Resp: 11192

Ion Ratio Lower Upper

105 100

120 37.2 22.0 66.0



#95

Naphthalene

Concen: 10.118 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.006 min

Lab File: VN080743.D

Acq: 22 Jan 2024 18:10

Tgt Ion:128 Resp: 74041

Ion Ratio Lower Upper

128 100

127 12.9 10.0 15.0

129 10.6 8.7 13.1

