

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012224\
 Data File : VN080749.D
 Acq On : 22 Jan 2024 20:32
 Operator : JC\MD
 Sample : P1179-09DL 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S-2DL

Quant Time: Jan 23 04:00:03 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)

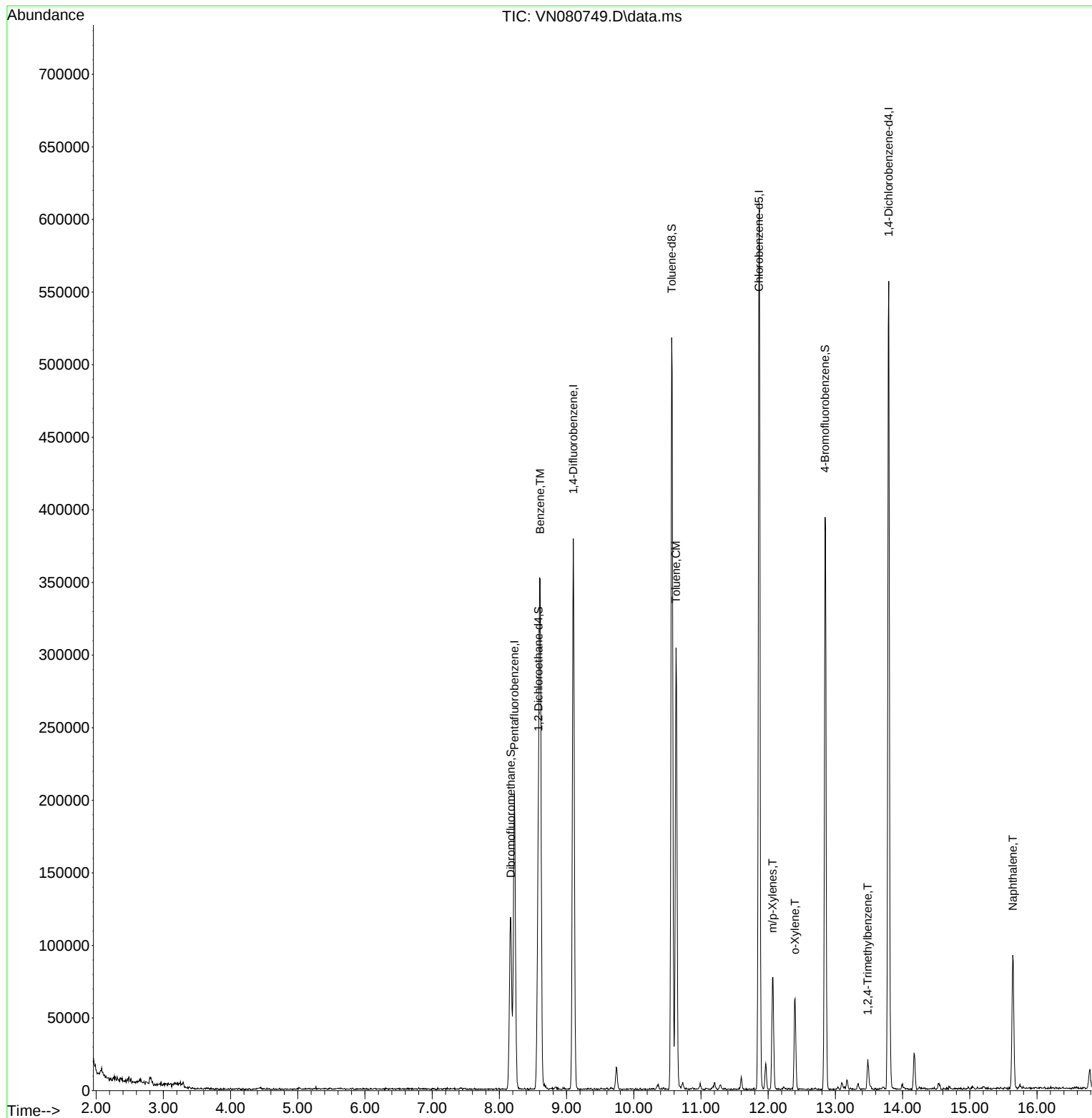
Internal Standards						
1) Pentafluorobenzene	8.224	168	128791	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	295987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	125657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	101146	44.721	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.440%		
35) Dibromofluoromethane	8.171	113	84417	50.197	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.400%		
50) Toluene-d8	10.565	98	339518	52.946	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	105.900%		
62) 4-Bromofluorobenzene	12.847	95	137319	55.842	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	111.680%		
Target Compounds						
					Qvalue	
40) Benzene	8.606	78	324858	33.545	ug/l	97
52) Toluene	10.629	92	123958	22.340	ug/l	98
68) m/p-Xylenes	12.065	106	24315	5.298	ug/l	93
69) o-Xylene	12.400	106	16316	3.636	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	10990	1.122	ug/l	97
95) Naphthalene	15.641	128	77382	8.838	ug/l	98

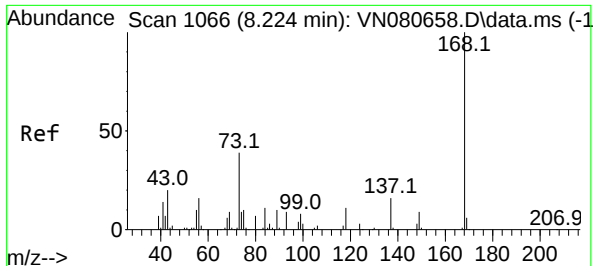
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

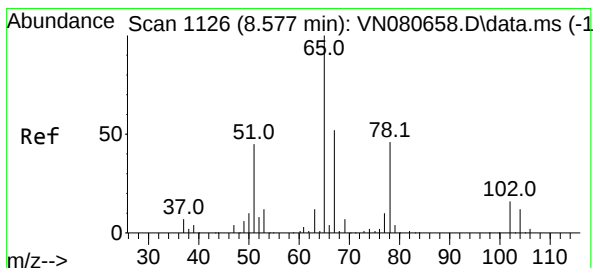
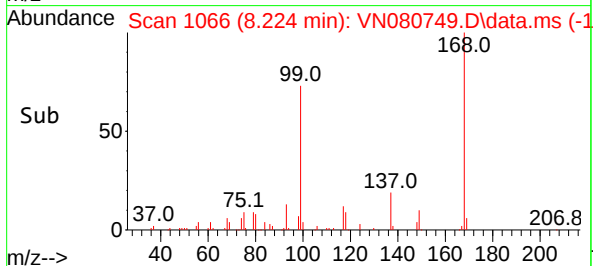
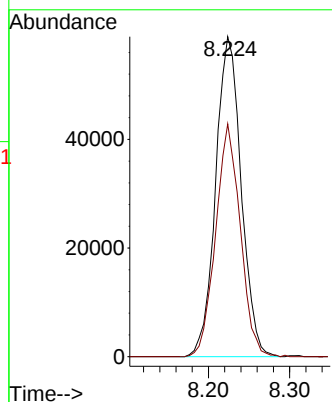
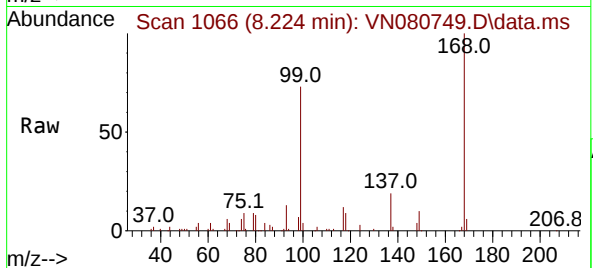




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

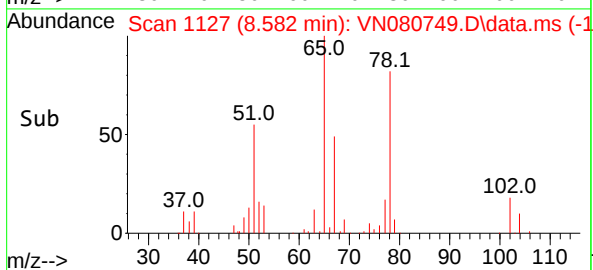
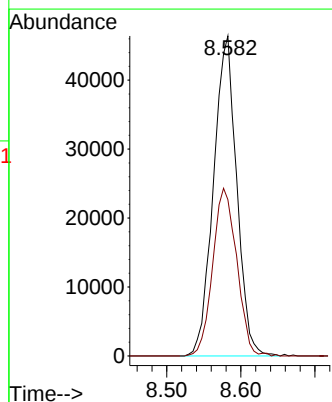
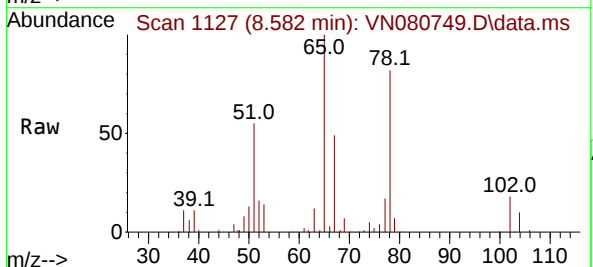
Instrument :
MSVOA_N
ClientSampleId :
S-2DL

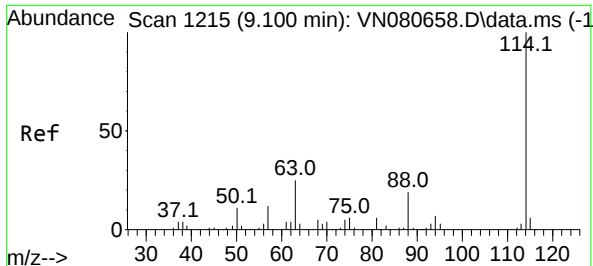
Tgt Ion:168 Resp: 128791
Ion Ratio Lower Upper
168 100
99 72.7 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 44.721 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.005 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

Tgt Ion: 65 Resp: 101146
Ion Ratio Lower Upper
65 100
67 54.2 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: VN080749.D

Acq: 22 Jan 2024 20:32

Instrument :

MSVOA_N

ClientSampleId :

S-2DL

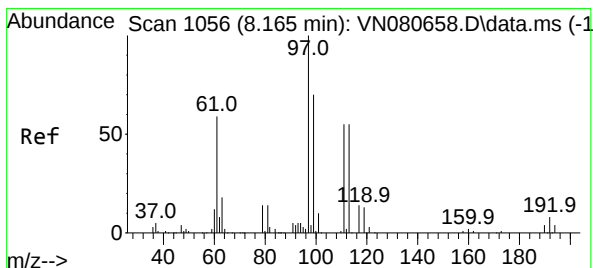
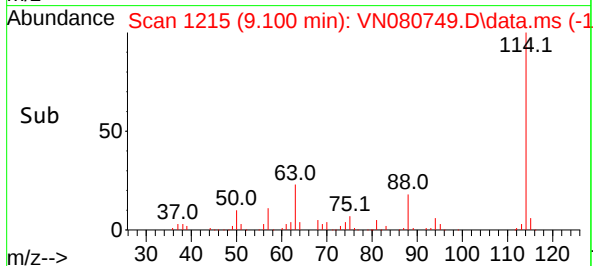
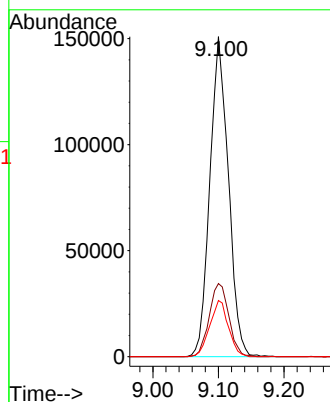
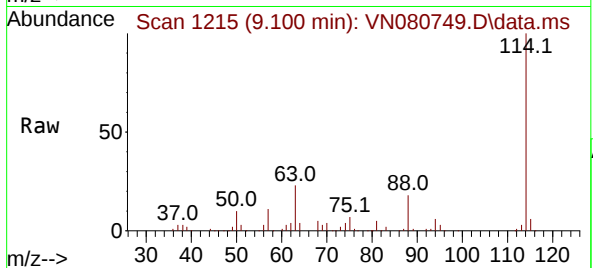
Tgt Ion:114 Resp: 295987

Ion Ratio Lower Upper

114 100

63 22.9 0.0 36.4

88 17.6 0.0 30.6



#35

Dibromofluoromethane

Concen: 50.197 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN080749.D

Acq: 22 Jan 2024 20:32

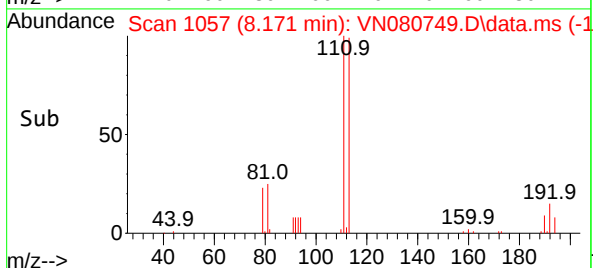
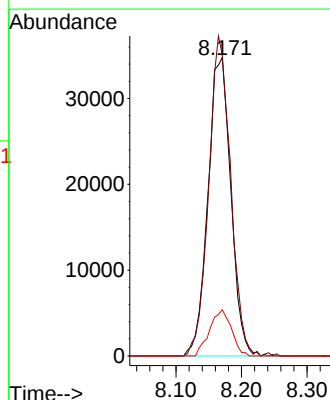
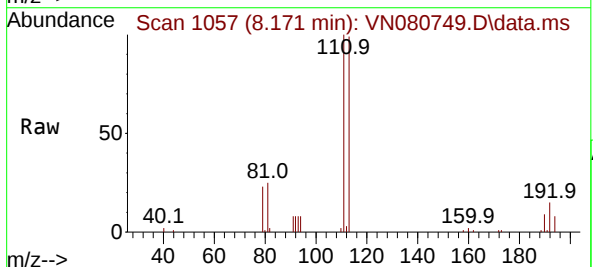
Tgt Ion:113 Resp: 84417

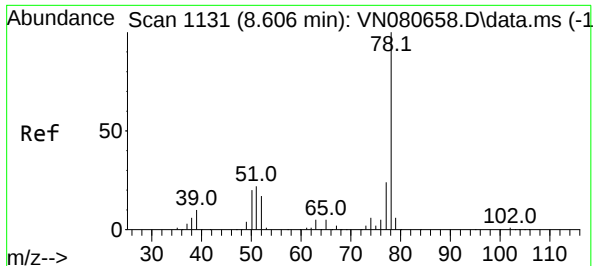
Ion Ratio Lower Upper

113 100

111 102.4 82.6 123.8

192 14.7 12.7 19.1

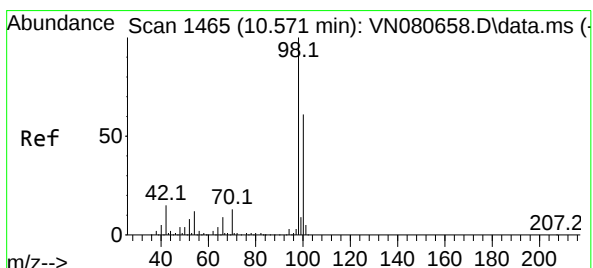
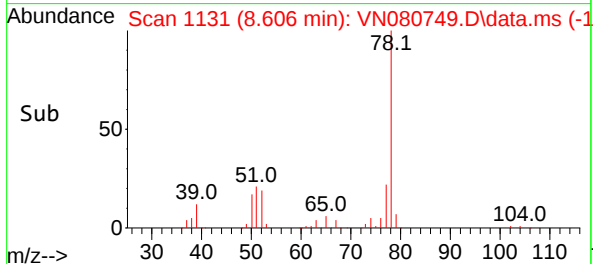
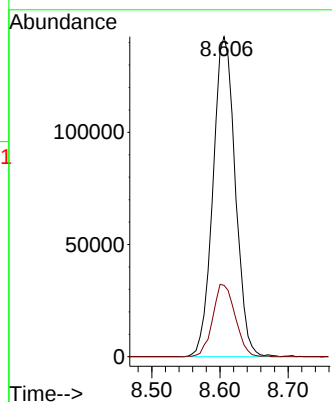
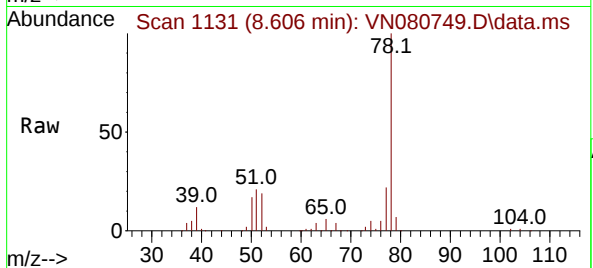




#40
Benzene
Concen: 33.545 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. -0.000 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

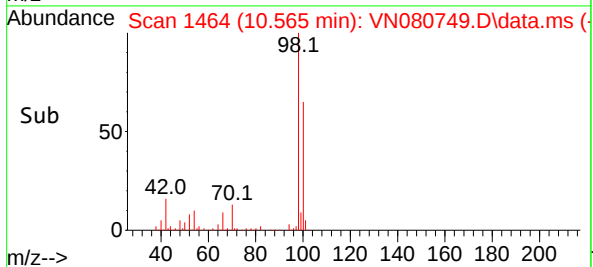
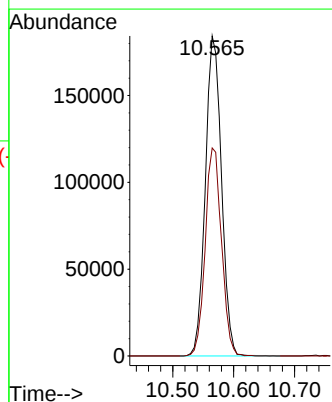
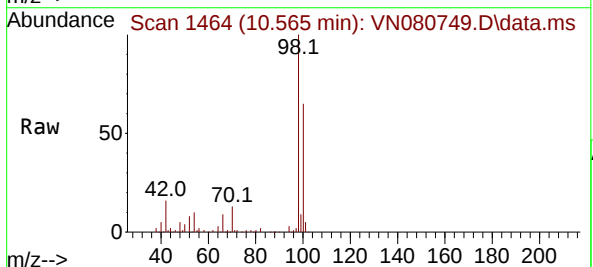
Instrument :
MSVOA_N
ClientSampleId :
S-2DL

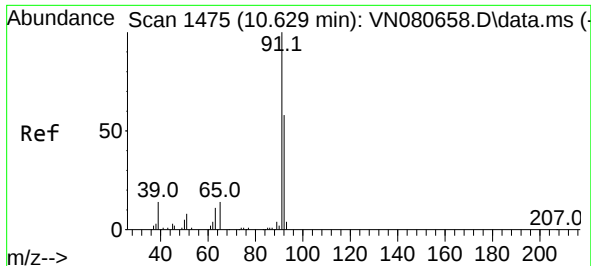
Tgt Ion: 78 Resp: 324858
Ion Ratio Lower Upper
78 100
77 22.3 19.0 28.6



#50
Toluene-d8
Concen: 52.946 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

Tgt Ion: 98 Resp: 339518
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0

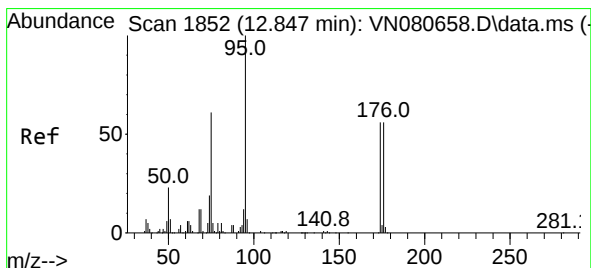
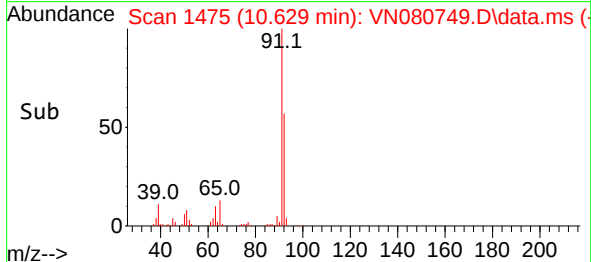
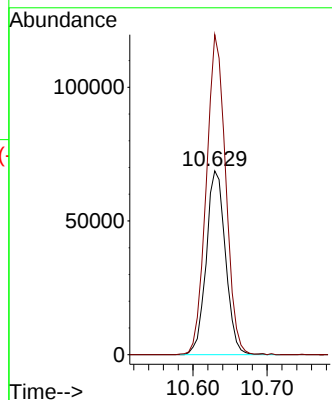
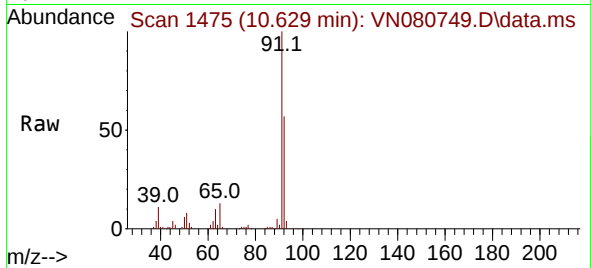




#52
Toluene
Concen: 22.340 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

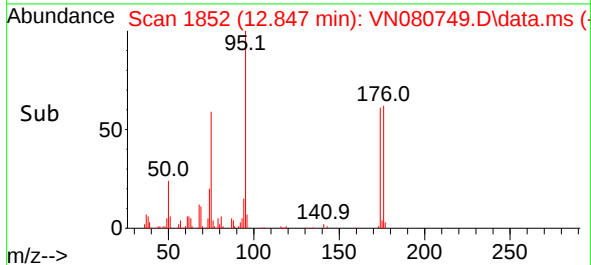
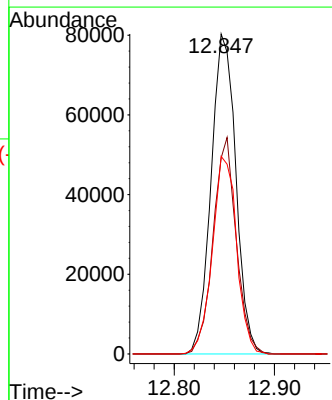
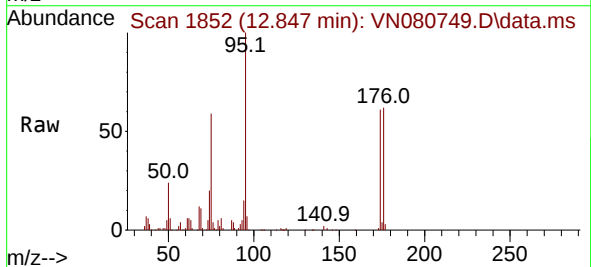
Instrument :
MSVOA_N
ClientSampleId :
S-2DL

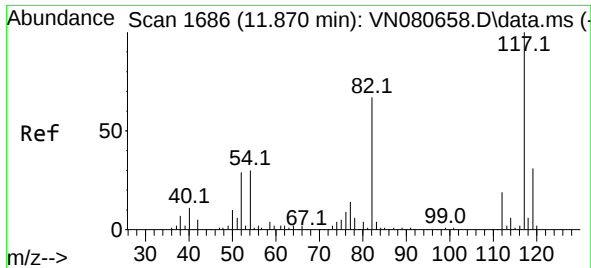
Tgt Ion: 92 Resp: 123958
Ion Ratio Lower Upper
92 100
91 175.1 137.4 206.0



#62
4-Bromofluorobenzene
Concen: 55.842 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

Tgt Ion: 95 Resp: 137319
Ion Ratio Lower Upper
95 100
174 63.4 0.0 143.8
176 60.7 0.0 135.8

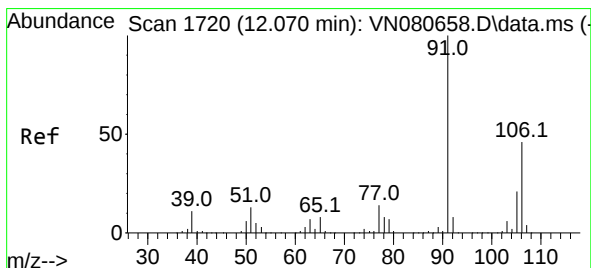
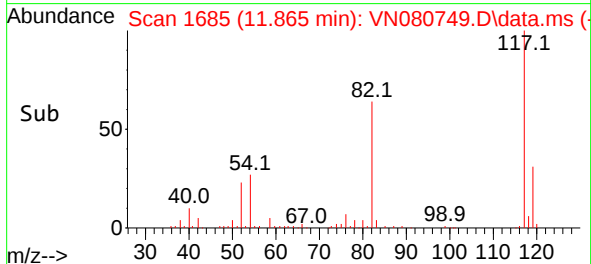
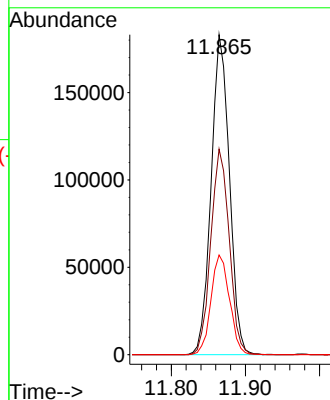
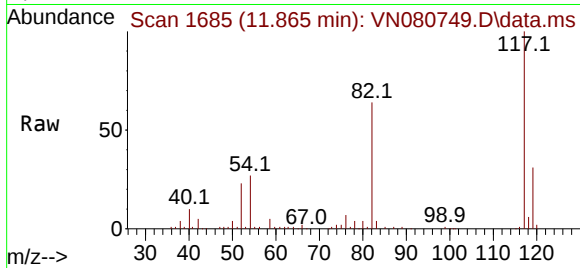




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11719
Delta R.T. -0.006 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

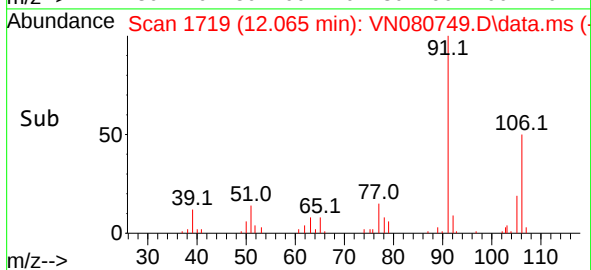
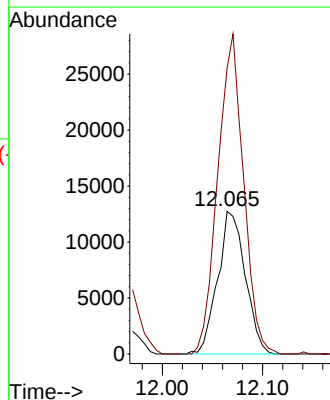
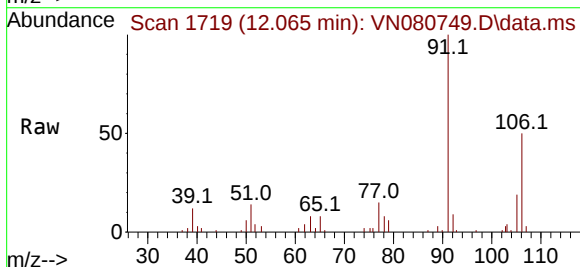
Instrument :
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ClientSampleId :
S-2DL

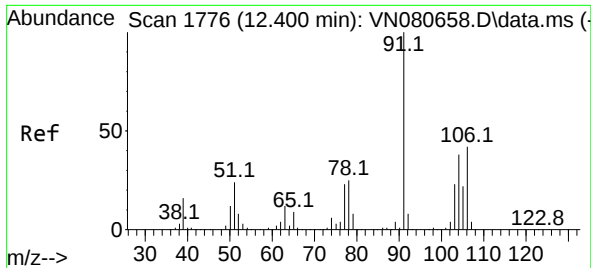
Tgt Ion:117 Resp: 312936
Ion Ratio Lower Upper
117 100
82 64.3 44.0 66.0
119 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 5.298 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

Tgt Ion:106 Resp: 24315
Ion Ratio Lower Upper
106 100
91 209.9 159.6 239.4

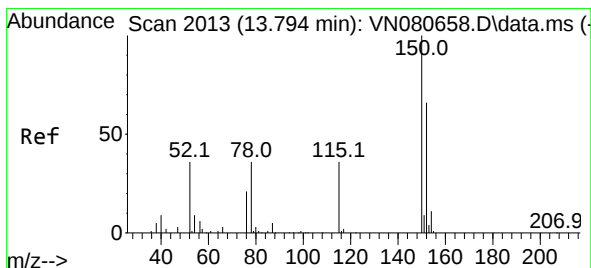
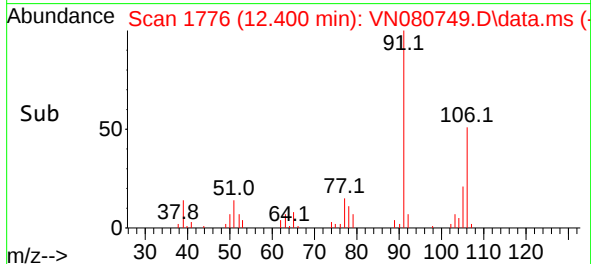
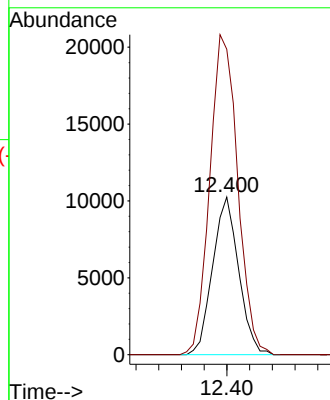
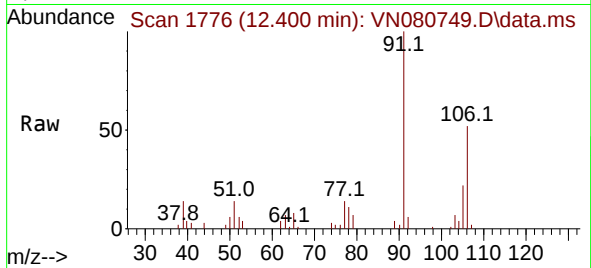




#69
o-Xylene
Concen: 3.636 ug/l
RT: 12.400 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

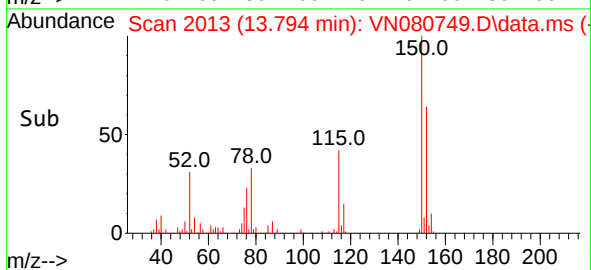
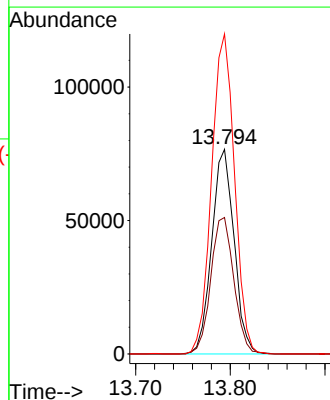
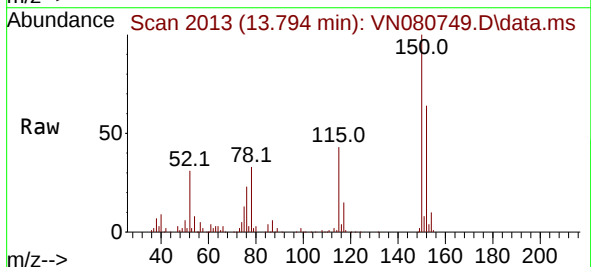
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MSVOA_N
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S-2DL

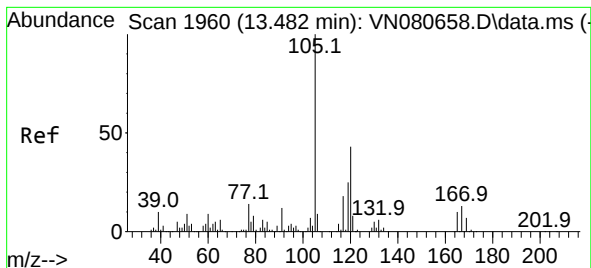
Tgt Ion:106 Resp: 16316
Ion Ratio Lower Upper
106 100
91 217.6 105.2 315.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. -0.000 min
Lab File: VN080749.D
Acq: 22 Jan 2024 20:32

Tgt Ion:152 Resp: 125657
Ion Ratio Lower Upper
152 100
115 68.9 32.3 96.8
150 160.3 0.0 355.8





#84

1,2,4-Trimethylbenzene

Concen: 1.122 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN080749.D

Acq: 22 Jan 2024 20:32

Instrument :

MSVOA_N

ClientSampleId :

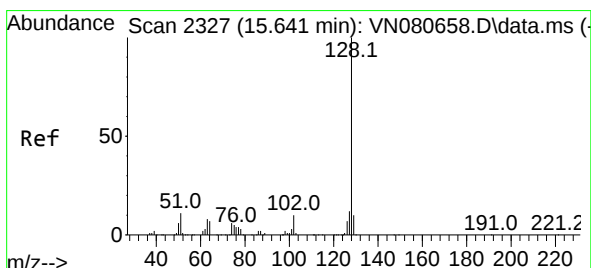
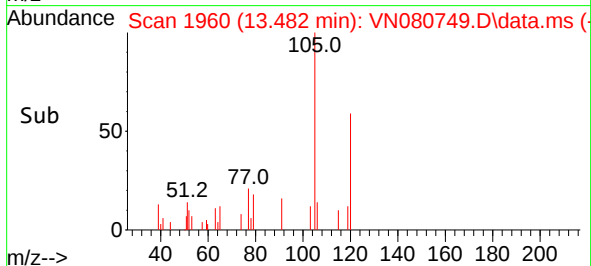
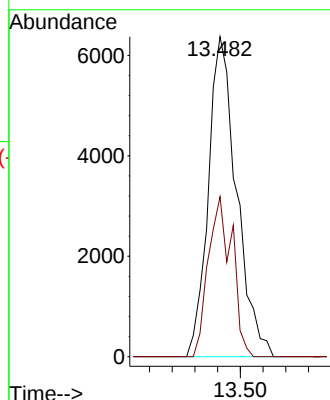
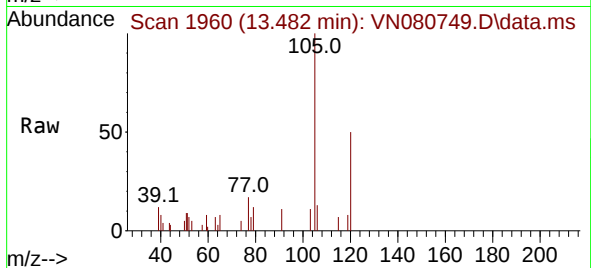
S-2DL

Tgt Ion:105 Resp: 10990

Ion Ratio Lower Upper

105 100

120 42.3 22.0 66.0



#95

Naphthalene

Concen: 8.838 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN080749.D

Acq: 22 Jan 2024 20:32

Tgt Ion:128 Resp: 77382

Ion Ratio Lower Upper

128 100

127 12.2 10.0 15.0

129 11.9 8.7 13.1

