

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121923\
 Data File : VN080518.D
 Acq On : 19 Dec 2023 14:23
 Operator : JC\MD
 Sample : 05863-02 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-1987

Quant Time: Dec 20 04:01:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

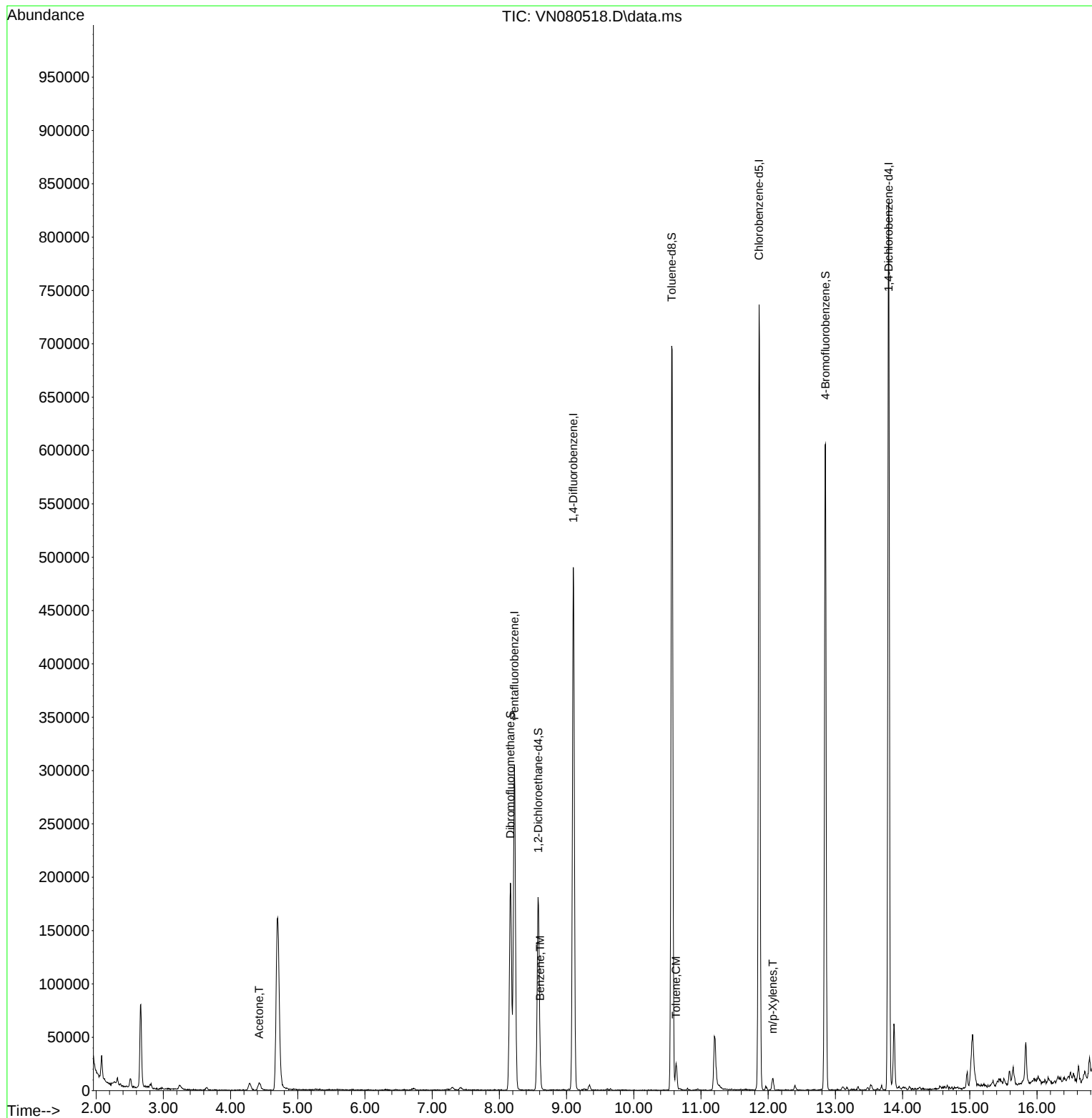
Internal Standards						
1) Pentafluorobenzene	8.224	168	210886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	387725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	431249	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	219607	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158473	58.835	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.680%
35) Dibromofluoromethane	8.165	113	136047	55.341	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	110.680%
50) Toluene-d8	10.565	98	501495	54.699	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.400%
62) 4-Bromofluorobenzene	12.853	95	218719	62.824	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	125.640%#
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	13267	27.779	ug/l	89
40) Benzene	8.606	78	7674	0.661	ug/l	99
52) Toluene	10.629	92	10767	1.468	ug/l	95
68) m/p-Xylenes	12.070	106	3925	0.602	ug/l	95

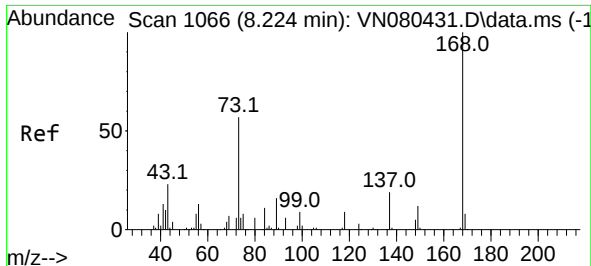
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

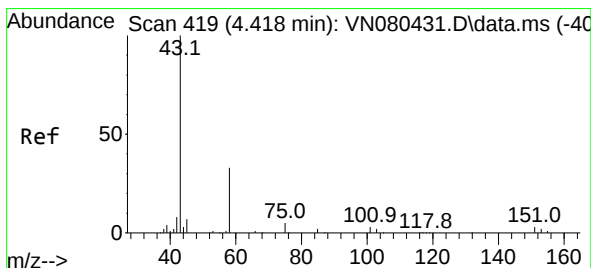
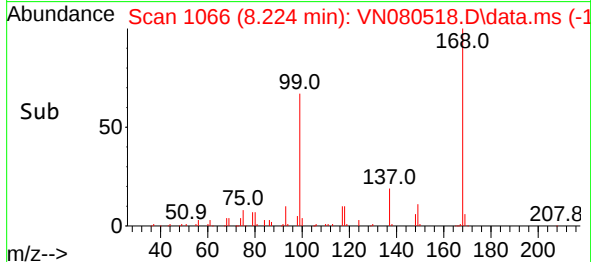
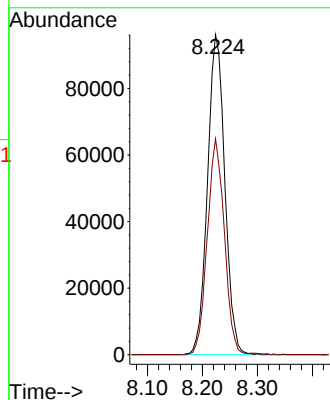
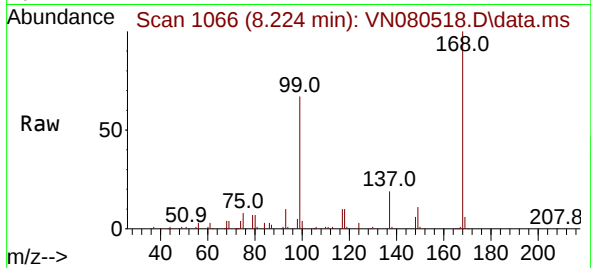




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

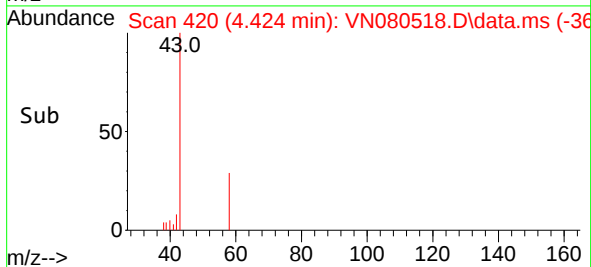
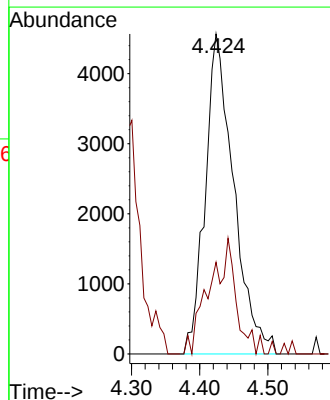
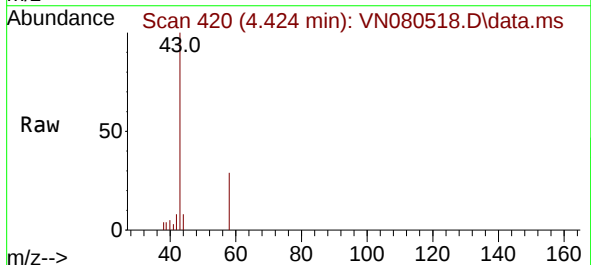
Instrument :
MSVOA_N
ClientSampleId :
NWB-1987

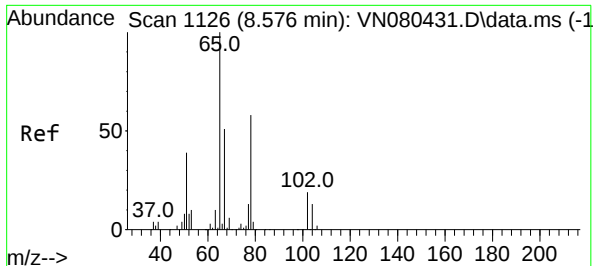
Tgt Ion:168 Resp: 210886
Ion Ratio Lower Upper
168 100
99 67.5 53.0 79.6



#16
Acetone
Concen: 27.779 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

Tgt Ion: 43 Resp: 13267
Ion Ratio Lower Upper
43 100
58 28.7 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 58.835 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN080518.D

Acq: 19 Dec 2023 14:23

Instrument :

MSVOA_N

ClientSampleId :

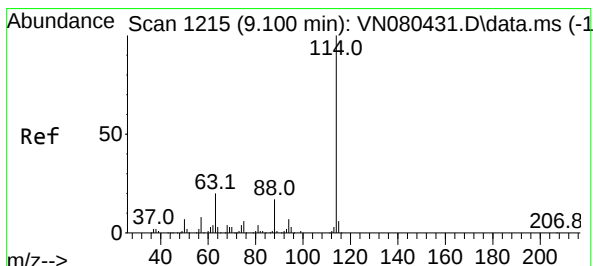
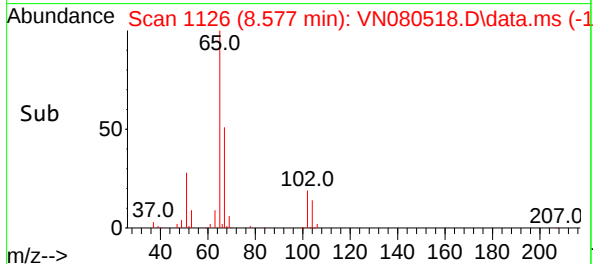
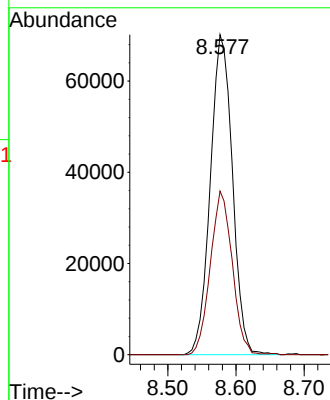
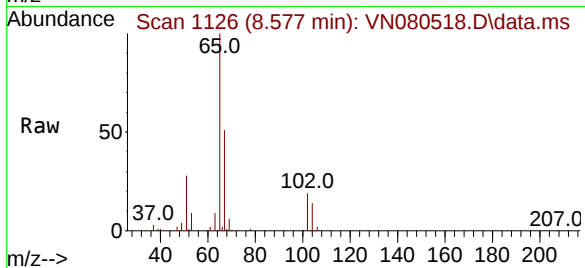
NWB-1987

Tgt Ion: 65 Resp: 158473

Ion Ratio Lower Upper

65 100

67 50.6 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN080518.D

Acq: 19 Dec 2023 14:23

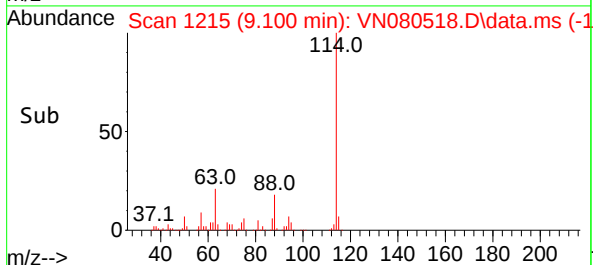
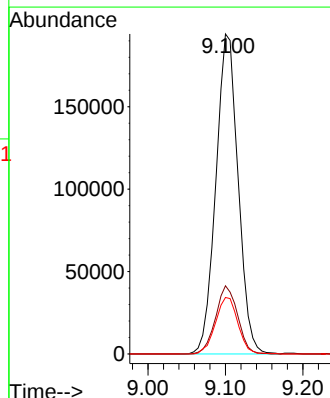
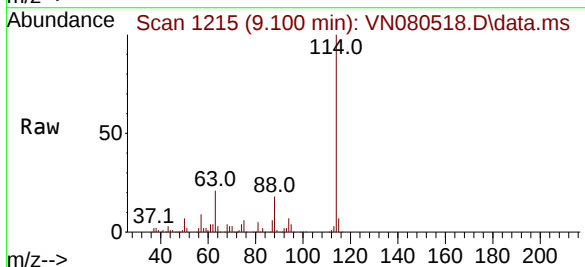
Tgt Ion: 114 Resp: 387725

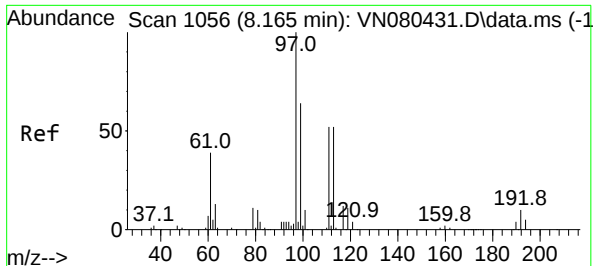
Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.4

88 17.6 0.0 30.6

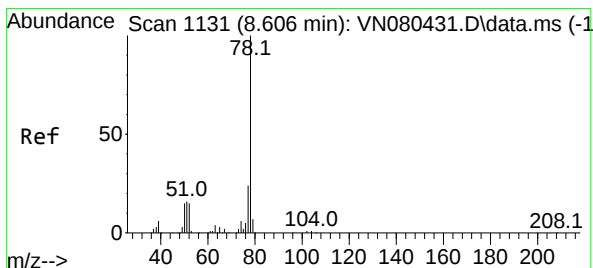
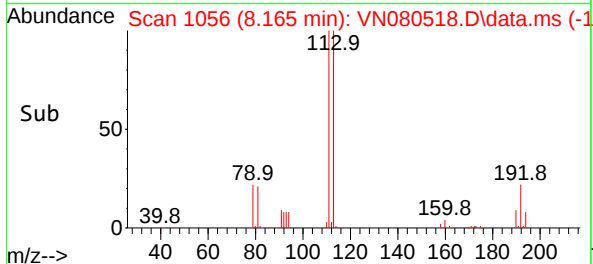
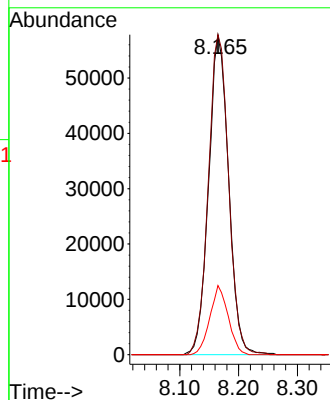
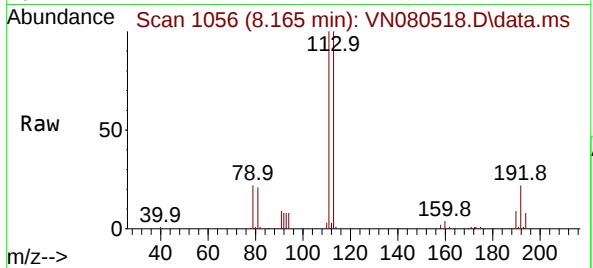




#35
Dibromofluoromethane
Concen: 55.341 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

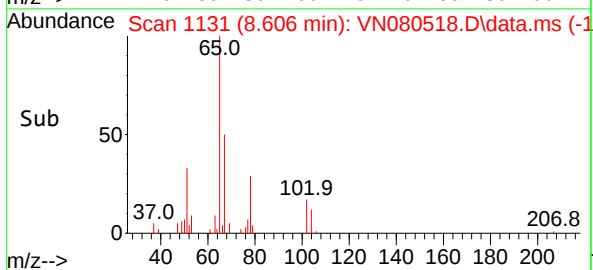
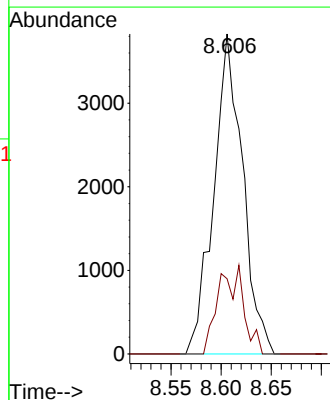
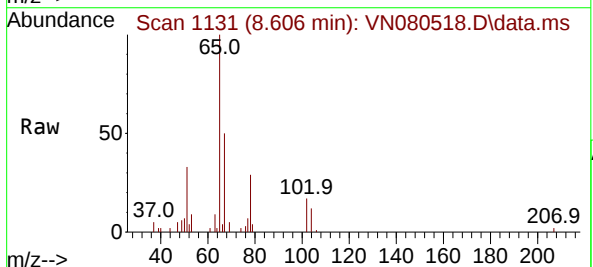
Instrument :
MSVOA_N
ClientSampleId :
NWB-1987

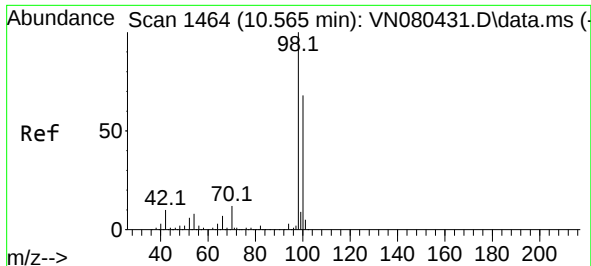
Tgt Ion:113 Resp: 136047
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 19.8 12.7 19.1#



#40
Benzene
Concen: 0.661 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

Tgt Ion: 78 Resp: 7674
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6

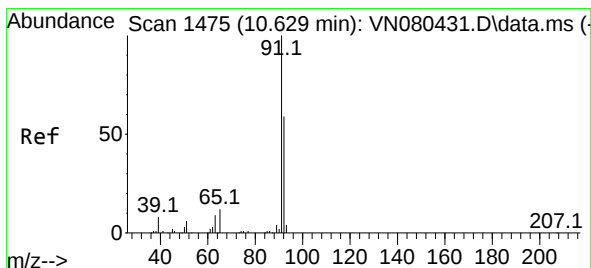
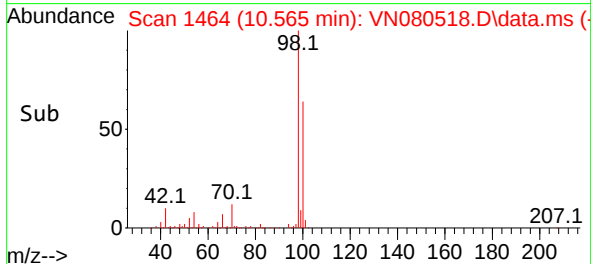
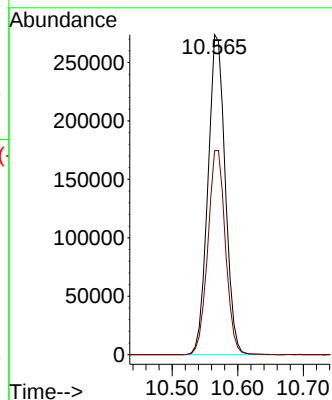
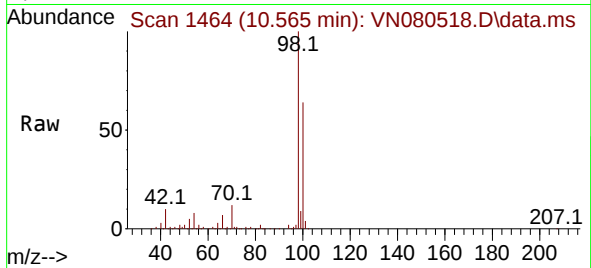




#50
Toluene-d8
Concen: 54.699 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

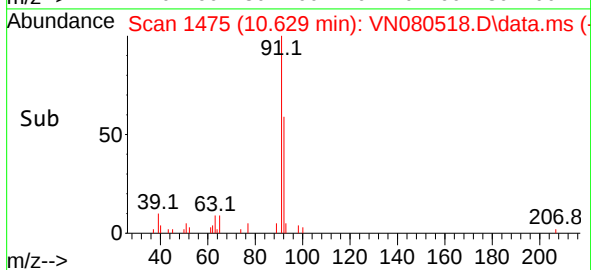
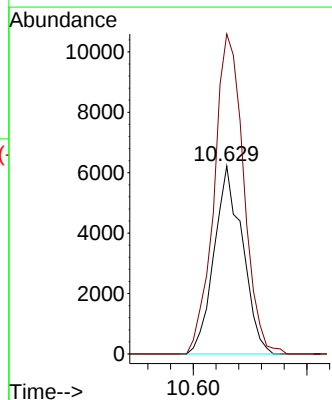
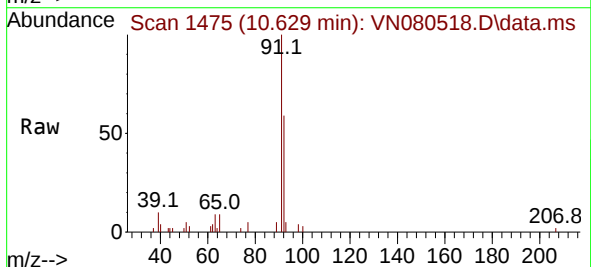
Instrument :
MSVOA_N
ClientSampleId :
NWB-1987

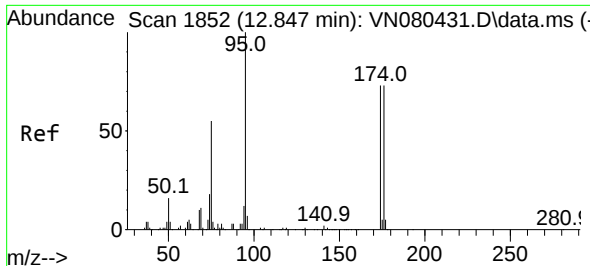
Tgt Ion: 98 Resp: 501495
Ion Ratio Lower Upper
98 100
100 65.0 52.0 78.0



#52
Toluene
Concen: 1.468 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

Tgt Ion: 92 Resp: 10767
Ion Ratio Lower Upper
92 100
91 177.9 137.4 206.0

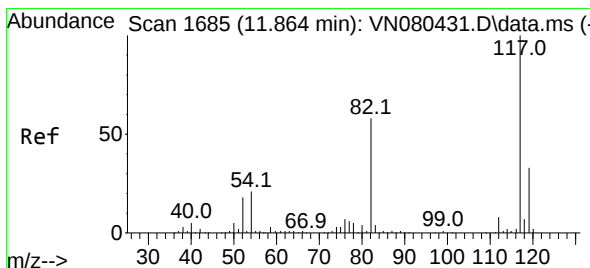
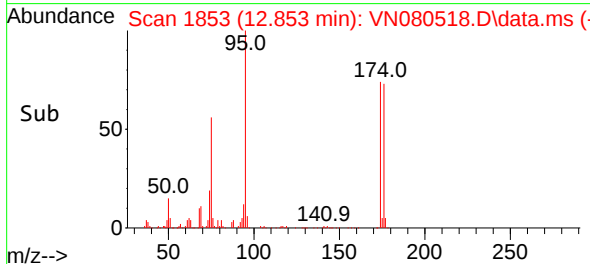
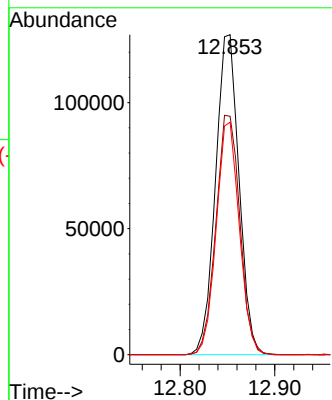
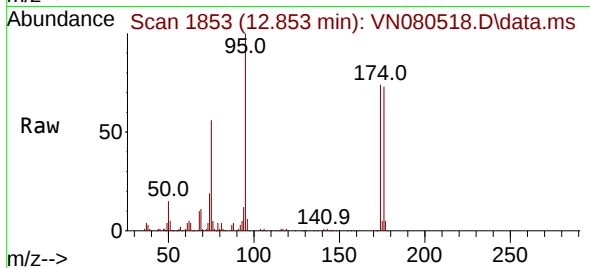




#62
4-Bromofluorobenzene
Concen: 62.824 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

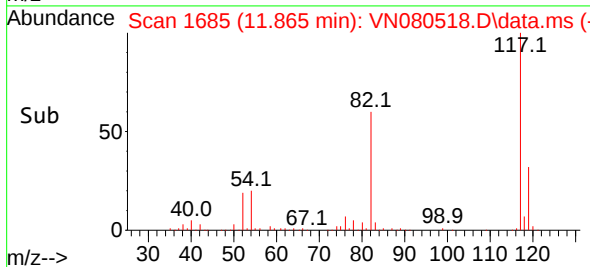
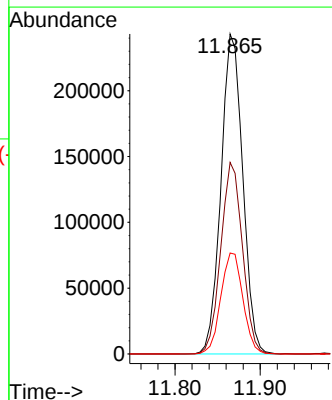
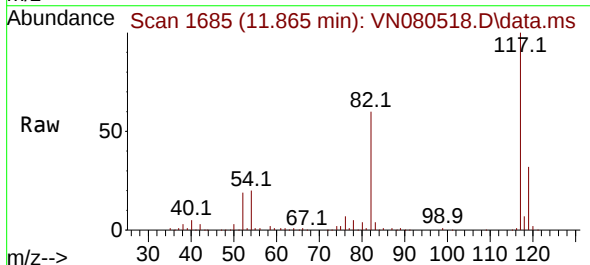
Instrument :
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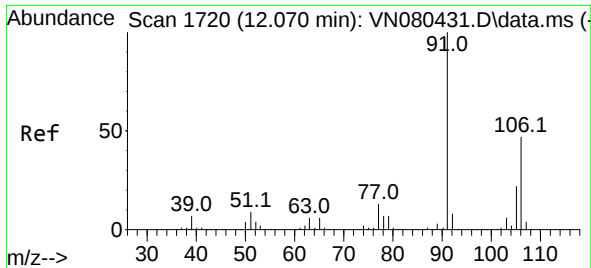
Tgt Ion: 95 Resp: 218719
Ion Ratio Lower Upper
95 100
174 76.3 0.0 143.8
176 71.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

Tgt Ion: 117 Resp: 431249
Ion Ratio Lower Upper
117 100
82 59.8 44.0 66.0
119 31.5 25.6 38.4

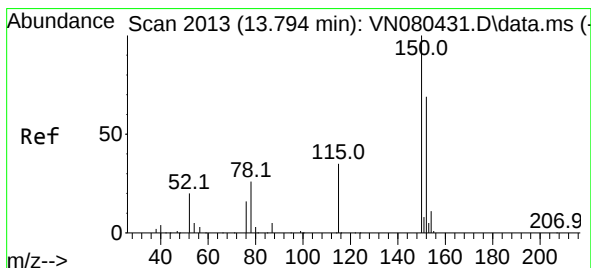
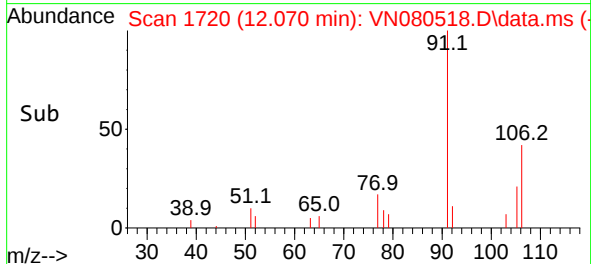
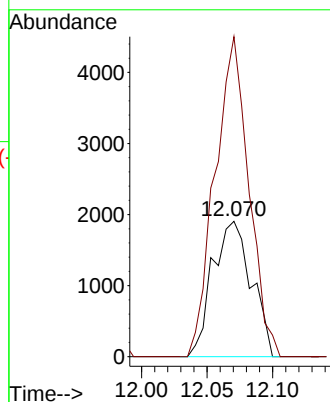
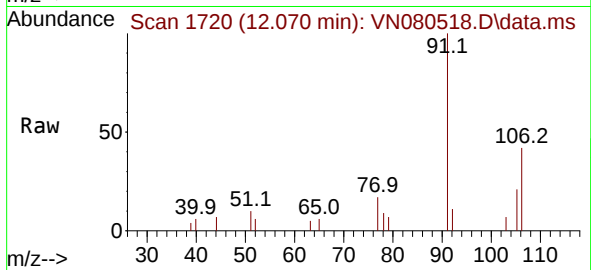




#68
m/p-Xylenes
Concen: 0.602 ug/l
RT: 12.070 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

Instrument :
MSVOA_N
ClientSampleId :
NWB-1987

Tgt Ion:106 Resp: 3925
Ion Ratio Lower Upper
106 100
91 206.3 159.6 239.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.000 min
Lab File: VN080518.D
Acq: 19 Dec 2023 14:23

Tgt Ion:152 Resp: 219607
Ion Ratio Lower Upper
152 100
115 66.3 32.3 96.8
150 158.4 0.0 355.8

