

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121323\
 Data File : VN080455.D
 Acq On : 13 Dec 2023 12:32
 Operator : JC\MD
 Sample : 05691-03DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 A3909DL

Quant Time: Dec 14 04:04:44 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)

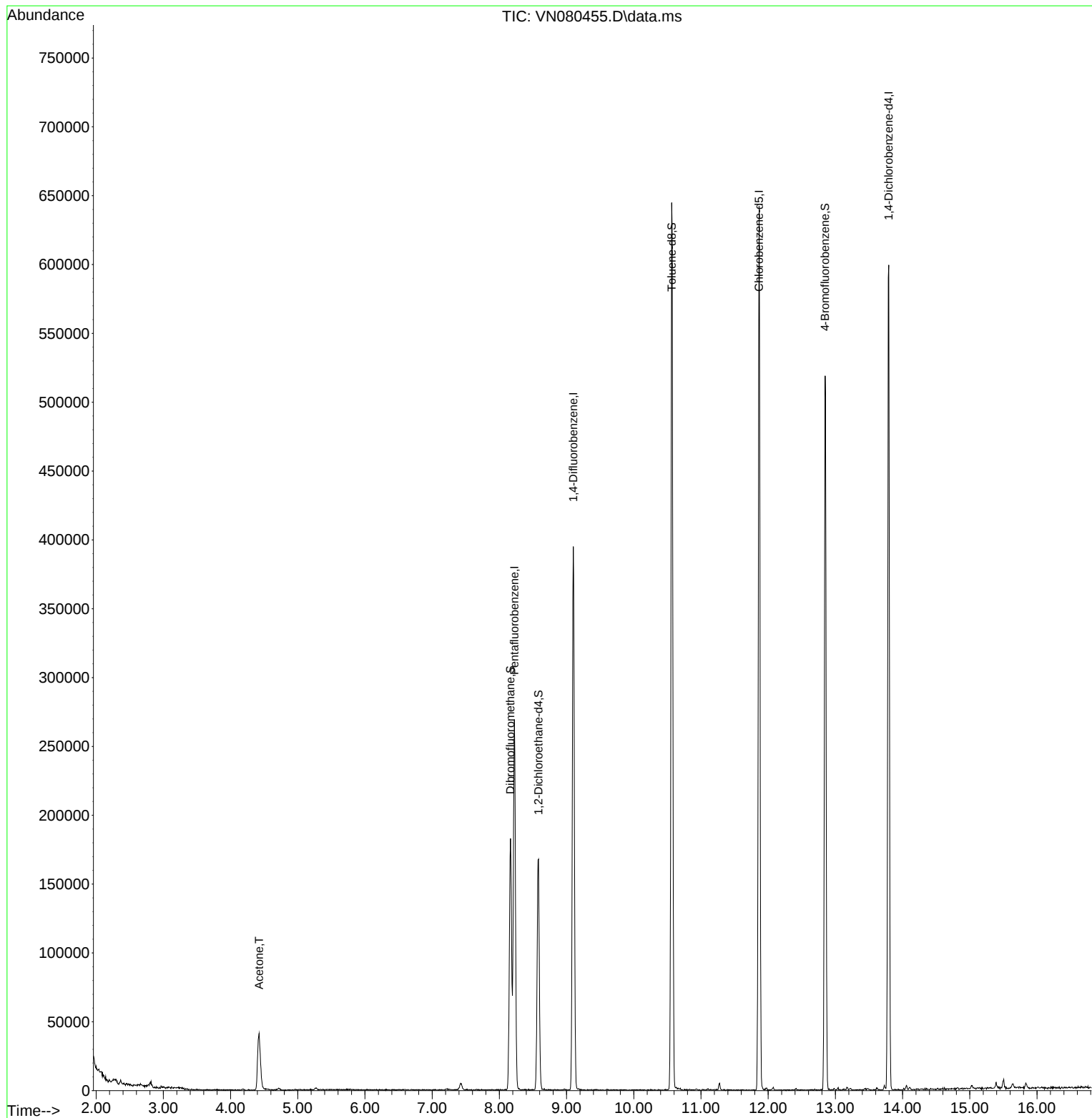
Internal Standards						
1) Pentafluorobenzene	8.224	168	190133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	345197	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	362010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	164781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	151278	62.295	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.580%	
35) Dibromofluoromethane	8.165	113	128219	58.583	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 117.160%	
50) Toluene-d8	10.565	98	457297	56.023	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.040%	
62) 4-Bromofluorobenzene	12.847	95	187820	60.595	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 121.200%	
Target Compounds						Qvalue
16) Acetone	4.424	43	76807	178.377	ug/l	98

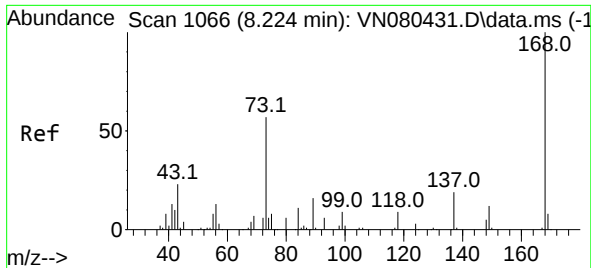
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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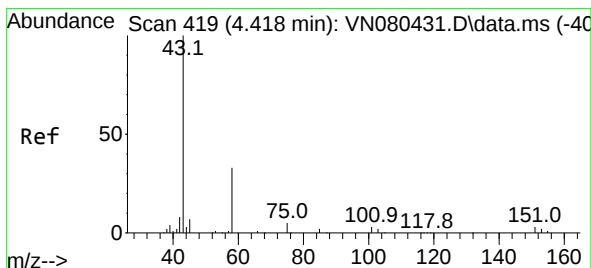
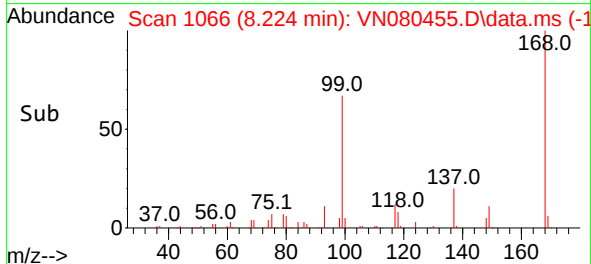
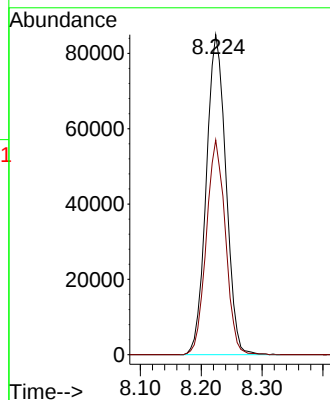
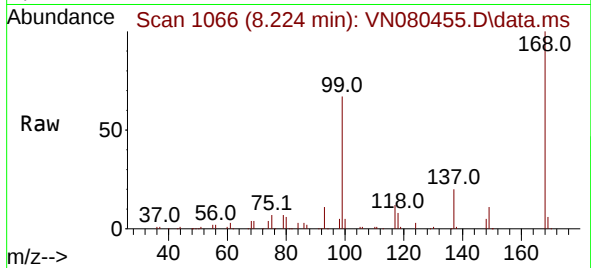




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN080455.D
Acq: 13 Dec 2023 12:32

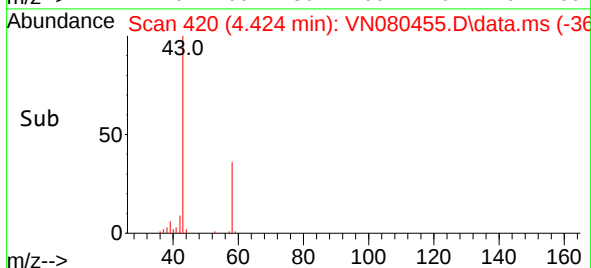
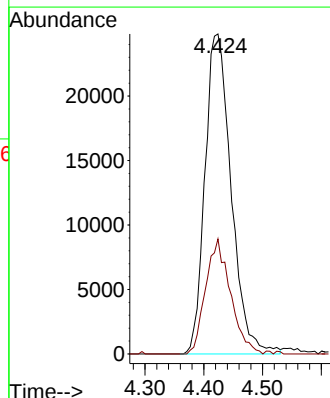
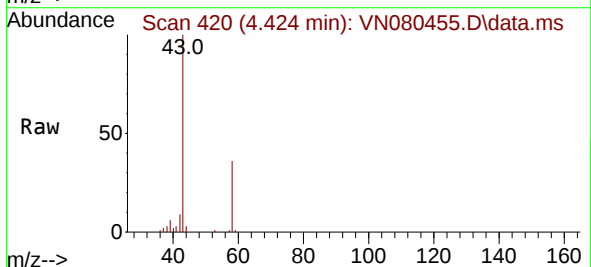
Instrument :
MSVOA_N
ClientSampleId :
A3909DL

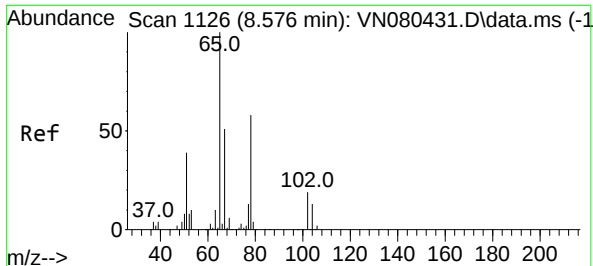
Tgt Ion:168 Resp: 190133
Ion Ratio Lower Upper
168 100
99 67.1 53.0 79.6



#16
Acetone
Concen: 178.377 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN080455.D
Acq: 13 Dec 2023 12:32

Tgt Ion: 43 Resp: 76807
Ion Ratio Lower Upper
43 100
58 35.9 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 62.295 ug/l

RT: 8.583 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN080455.D

Acq: 13 Dec 2023 12:32

Instrument :

MSVOA_N

ClientSampleId :

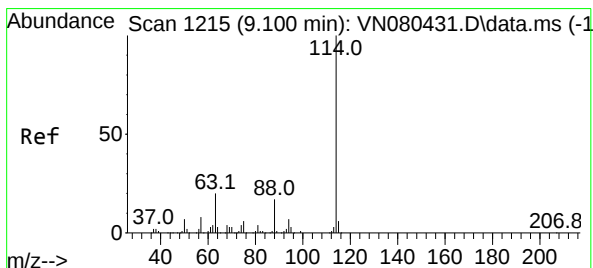
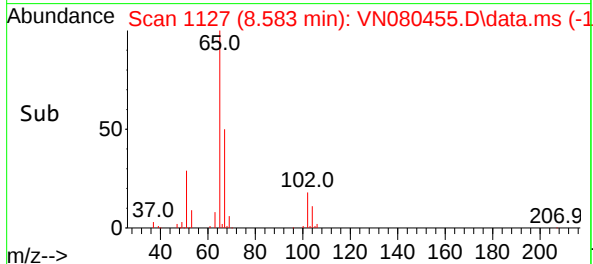
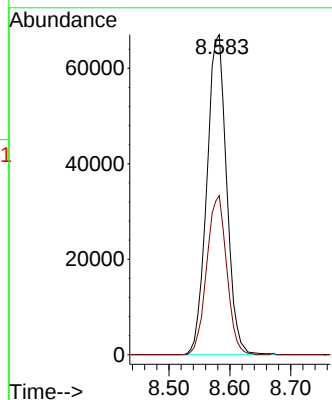
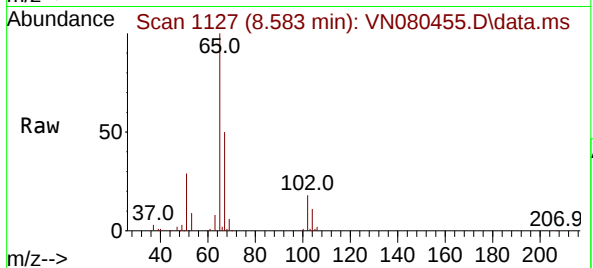
A3909DL

Tgt Ion: 65 Resp: 151278

Ion Ratio Lower Upper

65 100

67 50.1 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: VN080455.D

Acq: 13 Dec 2023 12:32

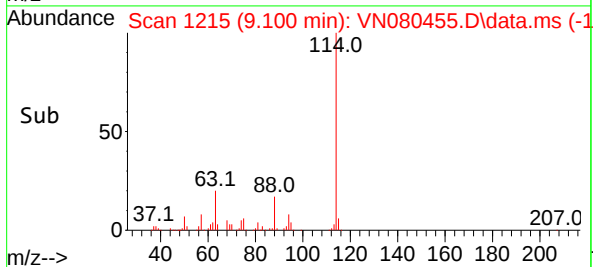
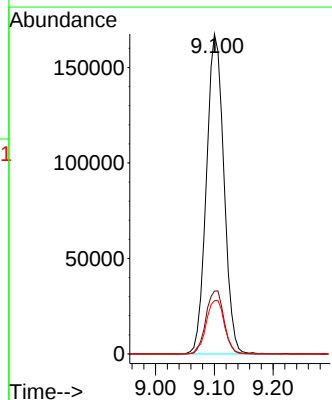
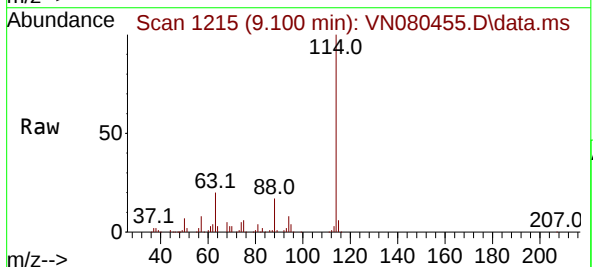
Tgt Ion: 114 Resp: 345197

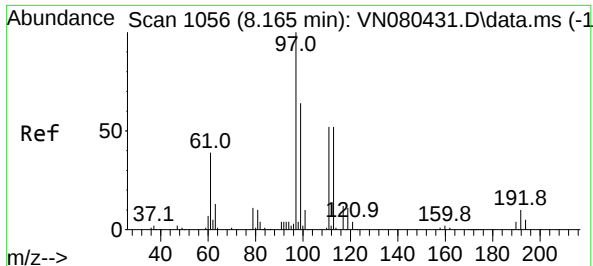
Ion Ratio Lower Upper

114 100

63 19.7 0.0 36.4

88 16.6 0.0 30.6

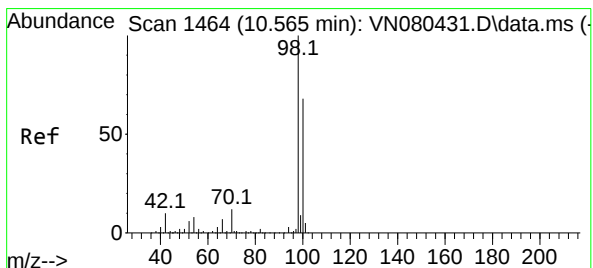
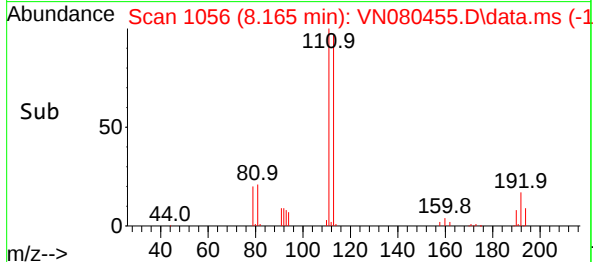
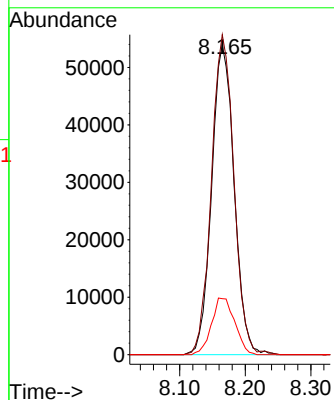
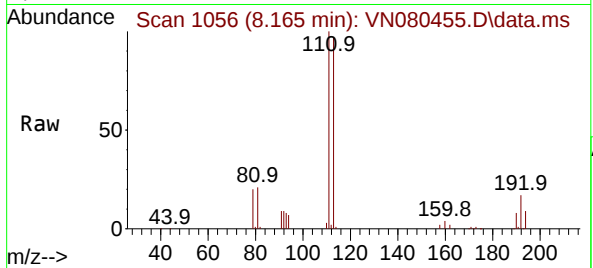




#35
Dibromofluoromethane
Concen: 58.583 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN080455.D
Acq: 13 Dec 2023 12:32

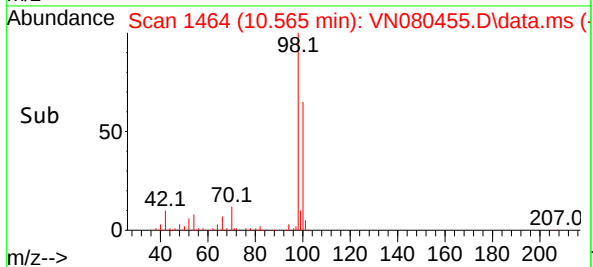
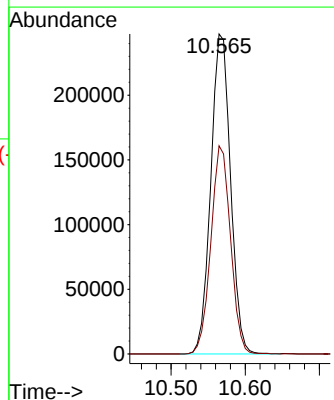
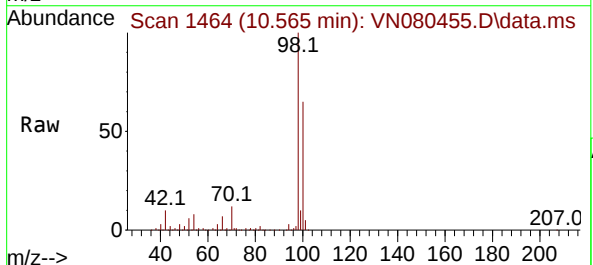
Instrument :
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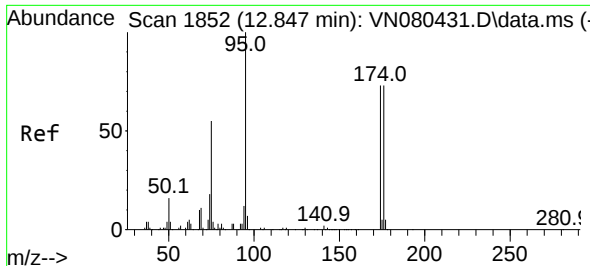
Tgt Ion:113 Resp: 128219
Ion Ratio Lower Upper
113 100
111 103.3 82.6 123.8
192 18.9 12.7 19.1



#50
Toluene-d8
Concen: 56.023 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN080455.D
Acq: 13 Dec 2023 12:32

Tgt Ion: 98 Resp: 457297
Ion Ratio Lower Upper
98 100
100 64.8 52.0 78.0

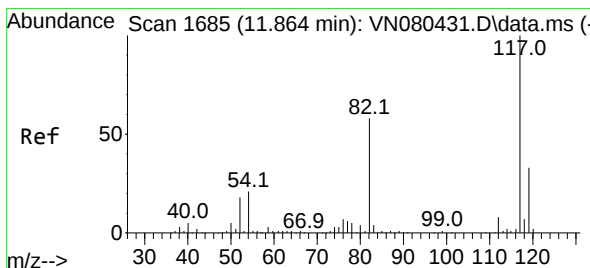
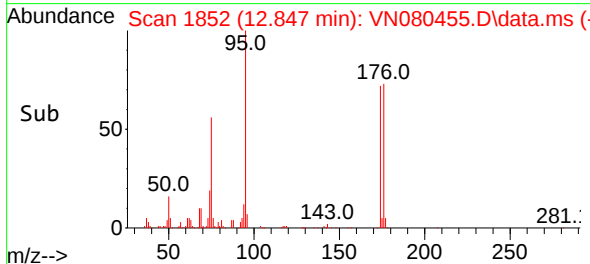
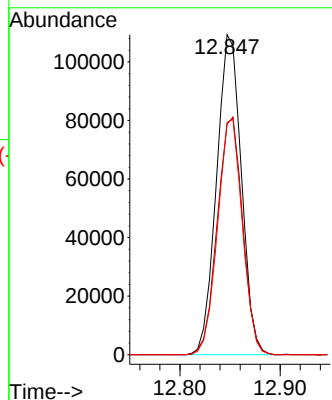
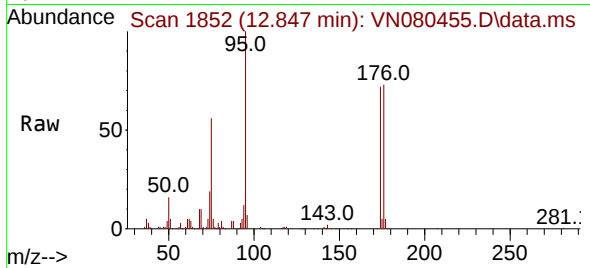




#62
4-Bromofluorobenzene
Concen: 60.595 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN080455.D
Acq: 13 Dec 2023 12:32

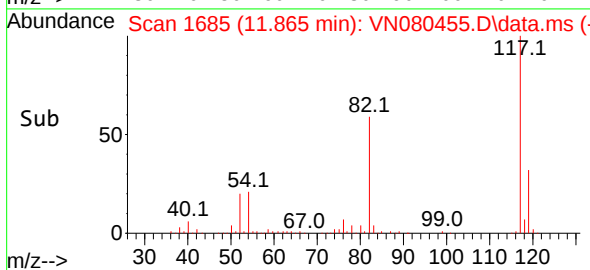
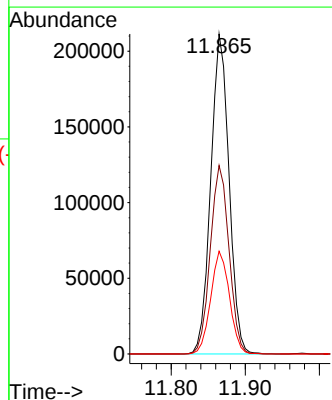
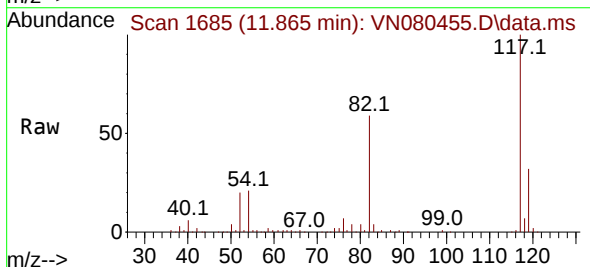
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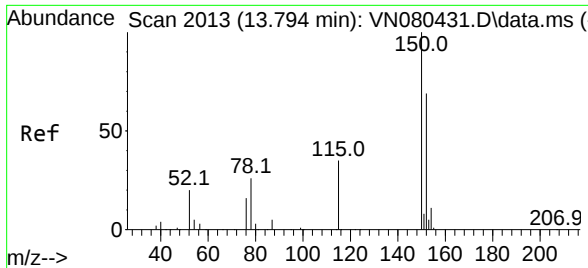
Tgt Ion: 95 Resp: 187820
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 73.4 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN080455.D
Acq: 13 Dec 2023 12:32

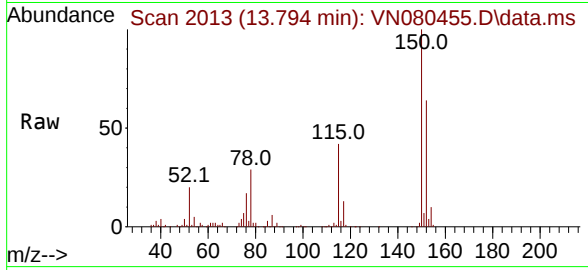
Tgt Ion: 117 Resp: 362010
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 32.1 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN080455.D
 Acq: 13 Dec 2023 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 A3909DL



Tgt Ion:	152	Resp:	164781
Ion	Ratio	Lower	Upper
152	100		
115	64.8	32.3	96.8
150	157.4	0.0	355.8

