

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077968.D
 Acq On : 30 May 2023 14:39
 Operator : JC\MD
 Sample : 02973-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20230526

Quant Time: May 31 02:07:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

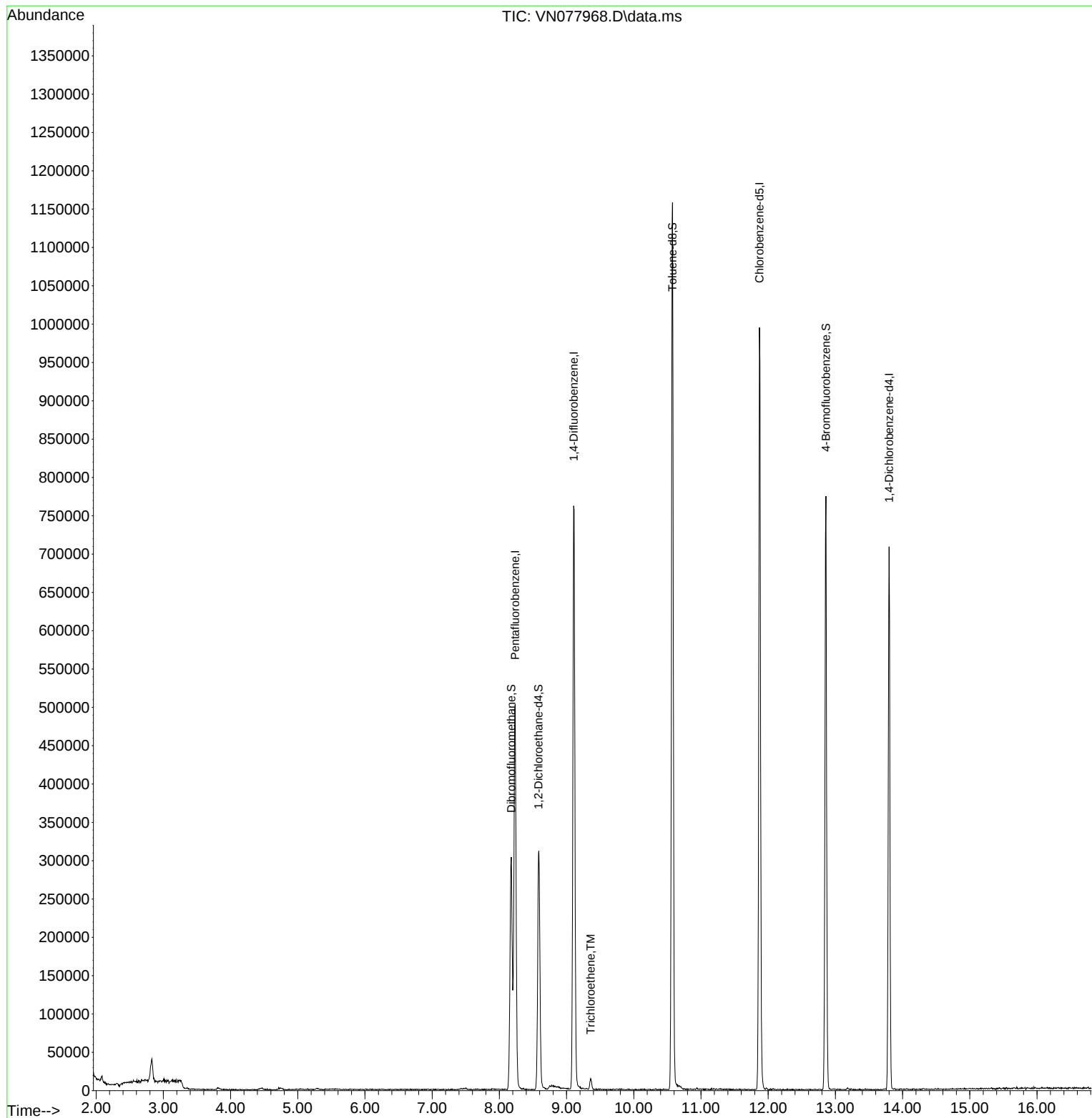
Internal Standards						
1) Pentafluorobenzene	8.235	168	358865	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	676255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	601924	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	186488	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	266468	49.626	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.260%		
35) Dibromofluoromethane	8.177	113	220277	49.952	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.900%		
50) Toluene-d8	10.576	98	841243	49.562	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.120%		
62) 4-Bromofluorobenzene	12.859	95	275577	45.970	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.940%		
Target Compounds						
44) Trichloroethene	9.359	130	4539	0.942	ug/l	95

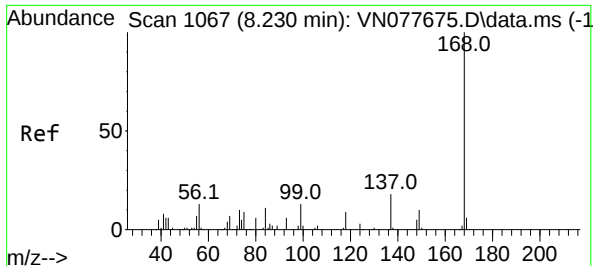
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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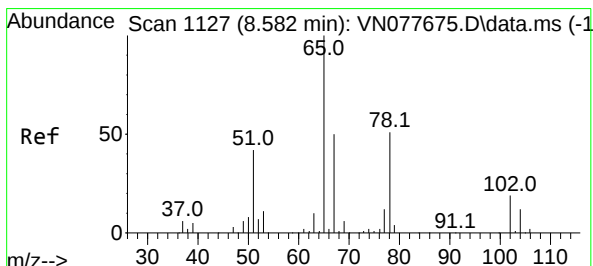
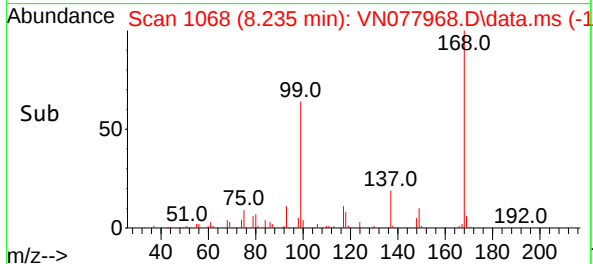
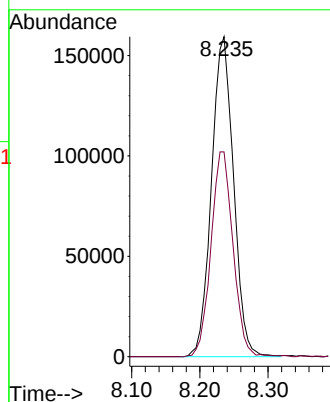
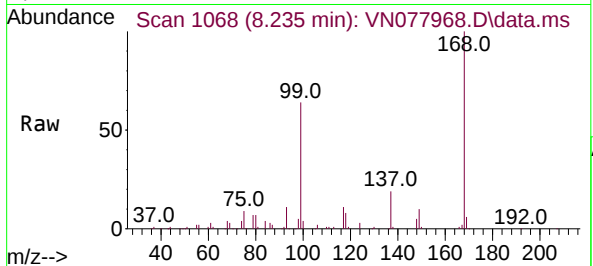




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077968.D
Acq: 30 May 2023 14:39

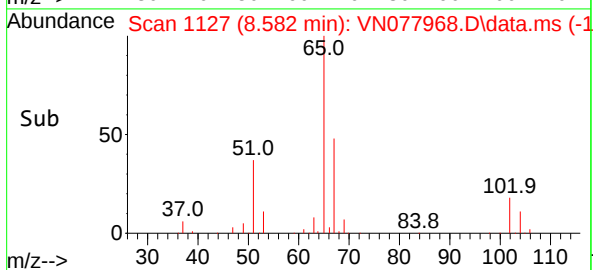
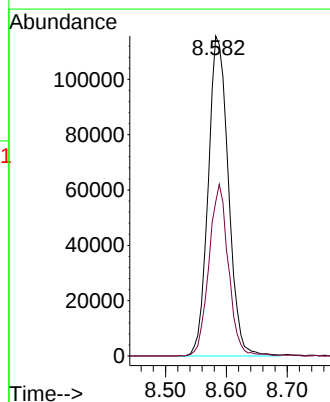
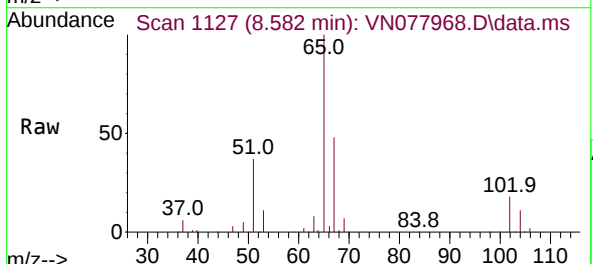
Instrument :
MSVOA_N
ClientSampleId :
GR-OF-20230526

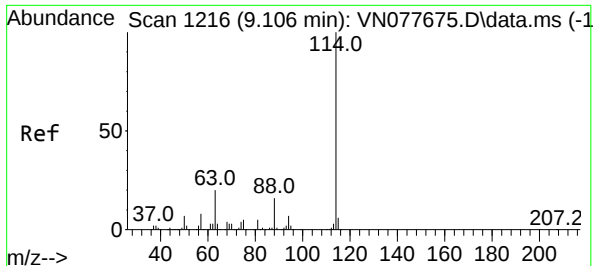
Tgt Ion:168 Resp: 358865
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#33
1,2-Dichloroethane-d4
Concen: 49.626 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077968.D
Acq: 30 May 2023 14:39

Tgt Ion: 65 Resp: 266468
Ion Ratio Lower Upper
65 100
67 51.8 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077968.D

Acq: 30 May 2023 14:39

Instrument :

MSVOA_N

ClientSampleId :

GR-OF-20230526

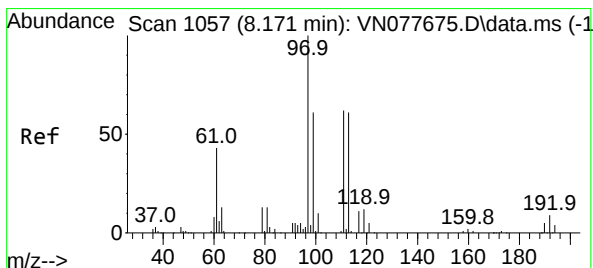
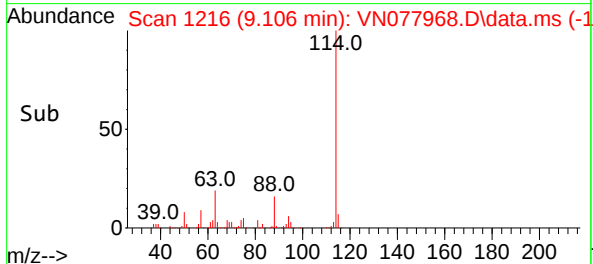
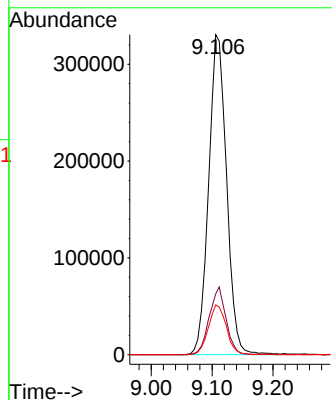
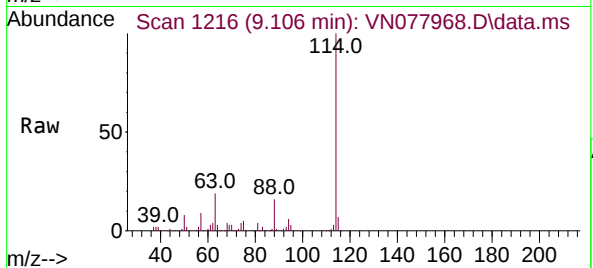
Tgt Ion:114 Resp: 676255

Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.5 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.952 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077968.D

Acq: 30 May 2023 14:39

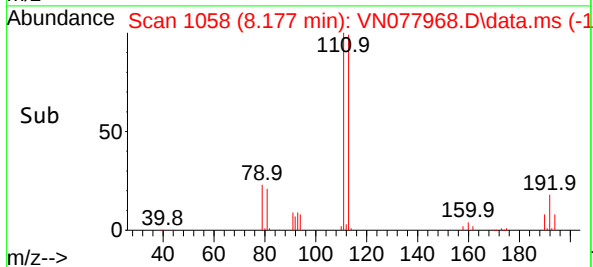
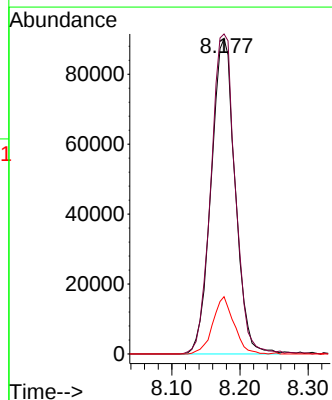
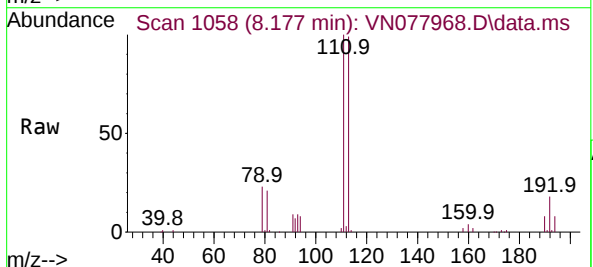
Tgt Ion:113 Resp: 220277

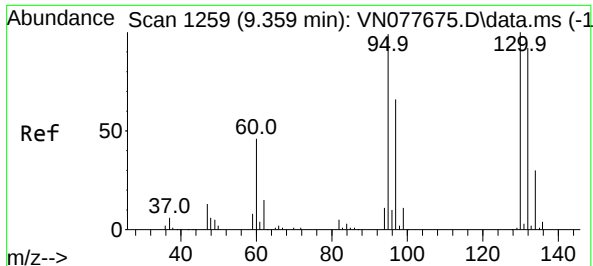
Ion Ratio Lower Upper

113 100

111 103.2 82.6 123.8

192 16.1 12.7 19.1

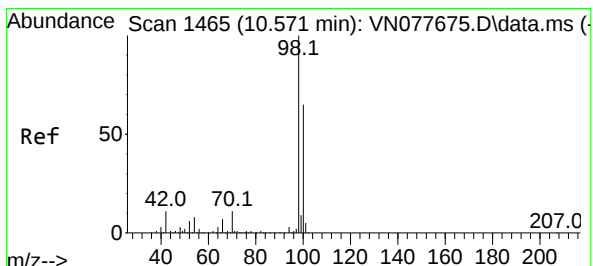
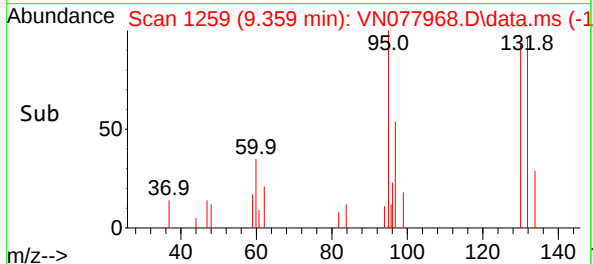
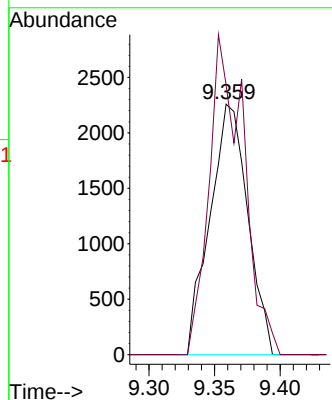
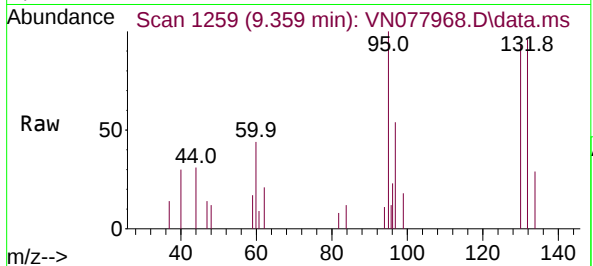




#44
Trichloroethene
Concen: 0.942 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077968.D
Acq: 30 May 2023 14:39

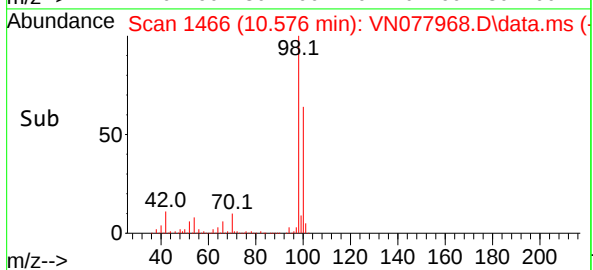
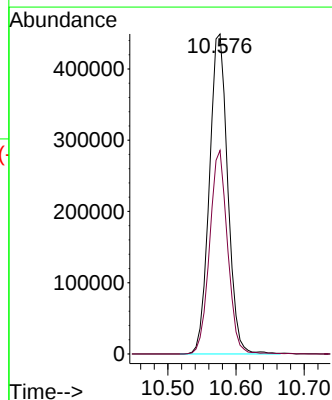
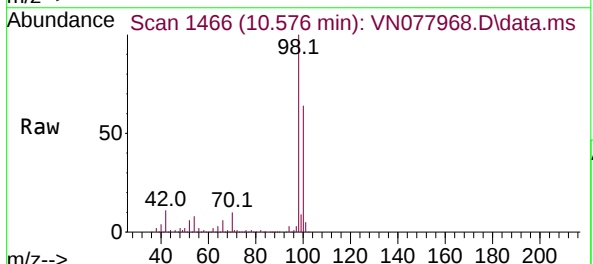
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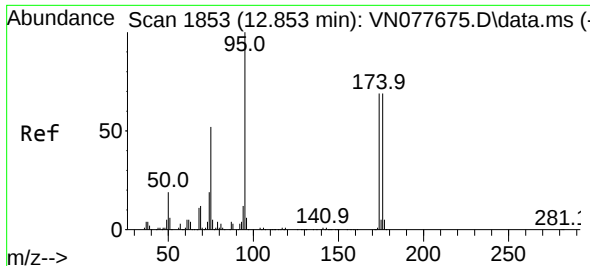
Tgt Ion:130 Resp: 4539
Ion Ratio Lower Upper
130 100
95 107.7 0.0 204.6



#50
Toluene-d8
Concen: 49.562 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077968.D
Acq: 30 May 2023 14:39

Tgt Ion: 98 Resp: 841243
Ion Ratio Lower Upper
98 100
100 62.2 52.0 78.0

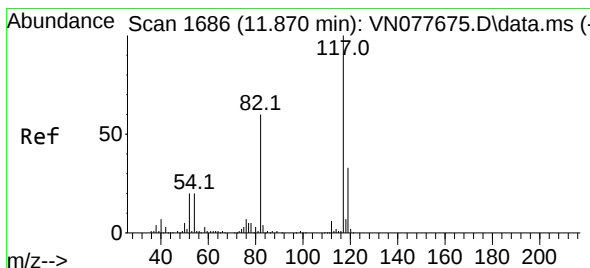
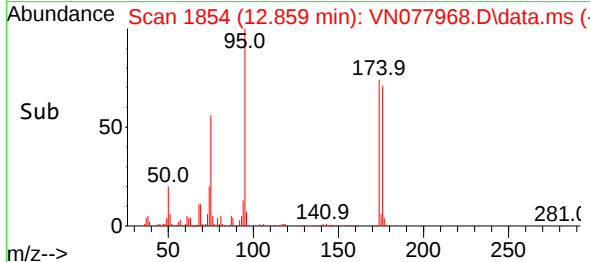
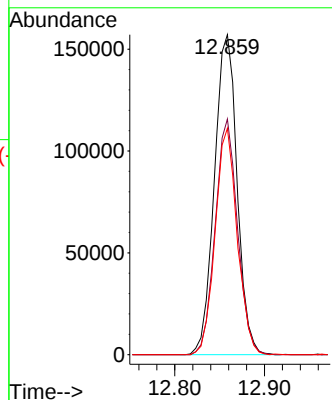
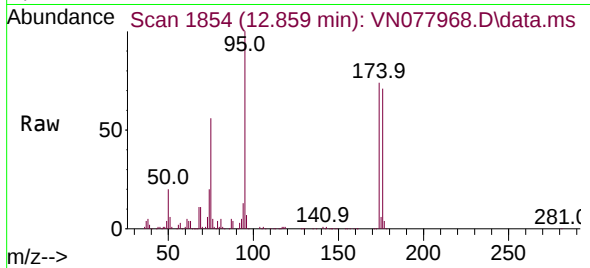




#62
4-Bromofluorobenzene
Concen: 45.970 ug/l
RT: 12.859 min Scan# 11854
Delta R.T. 0.006 min
Lab File: VN077968.D
Acq: 30 May 2023 14:39

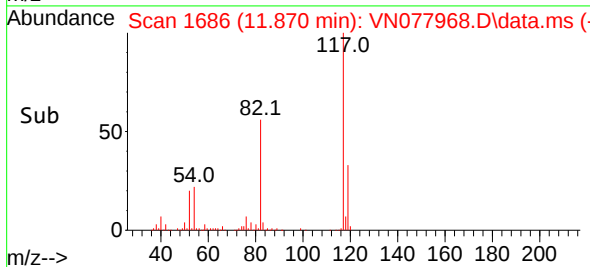
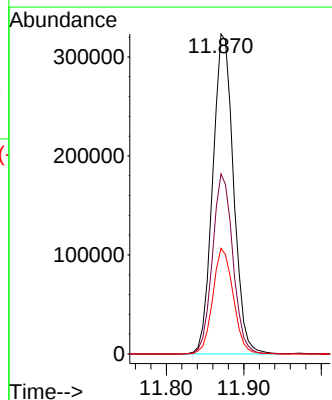
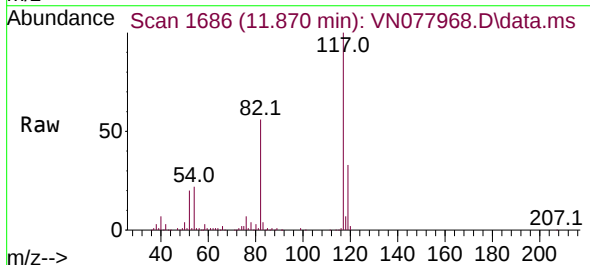
Instrument :
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ClientSampleId :
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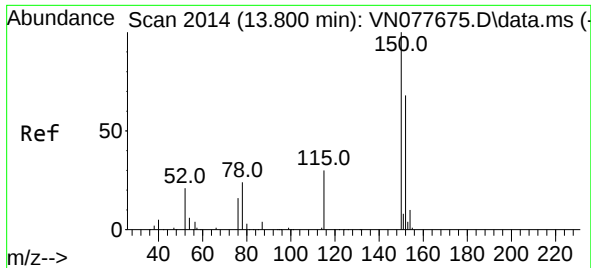
Tgt Ion: 95 Resp: 275577
Ion Ratio Lower Upper
95 100
174 72.4 0.0 143.8
176 68.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN077968.D
Acq: 30 May 2023 14:39

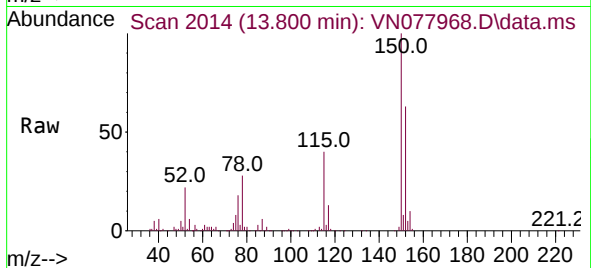
Tgt Ion: 117 Resp: 601924
Ion Ratio Lower Upper
117 100
82 56.2 44.0 66.0
119 33.0 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077968.D
 Acq: 30 May 2023 14:39

Instrument :
 MSVOA_N
 ClientSampleId :
 GR-OF-20230526



Tgt Ion:152 Resp: 186488
 Ion Ratio Lower Upper
 152 100
 115 62.4 32.3 96.8
 150 159.1 0.0 355.8

