

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051623\
 Data File : VN077690.D
 Acq On : 16 May 2023 14:15
 Operator : JC\MD
 Sample : 02803-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-051523

Quant Time: May 17 04:00:38 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)

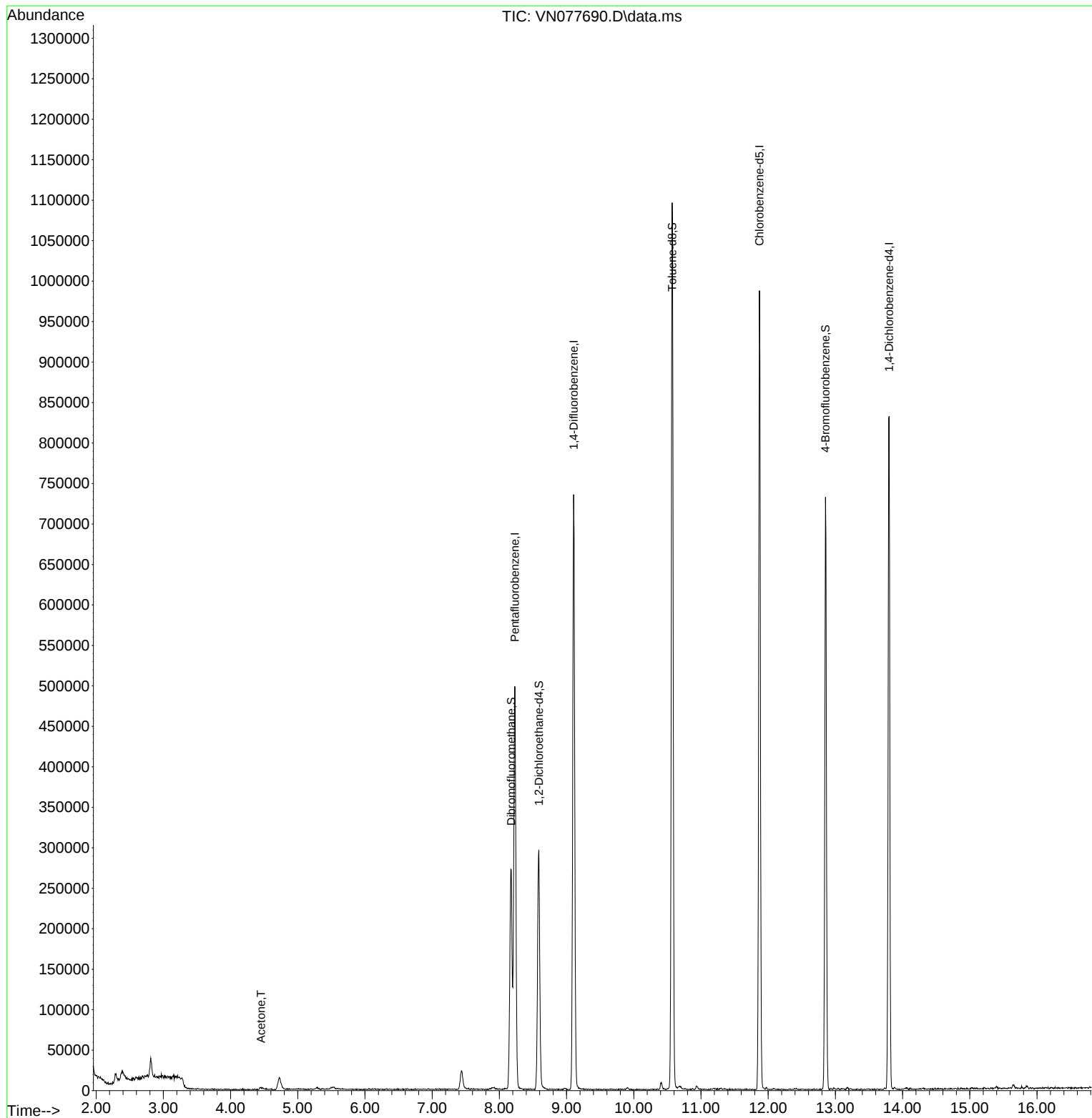
Internal Standards						
1) Pentafluorobenzene	8.230	168	345991	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630050	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	557051	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	219087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	245879	47.495	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.000%
35) Dibromofluoromethane	8.177	113	204725	49.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.660%
50) Toluene-d8	10.571	98	786685	49.747	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.500%
62) 4-Bromofluorobenzene	12.853	95	258674	46.315	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.620%
Target Compounds						
16) Acetone	4.453	43	5221	3.206	ug/l	Qvalue # 78

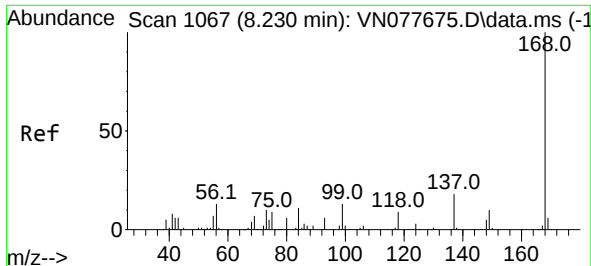
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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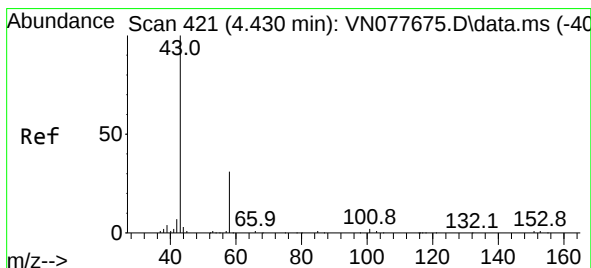
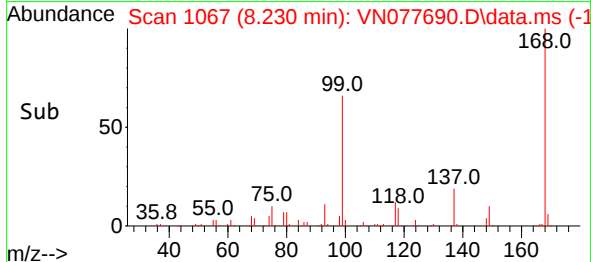
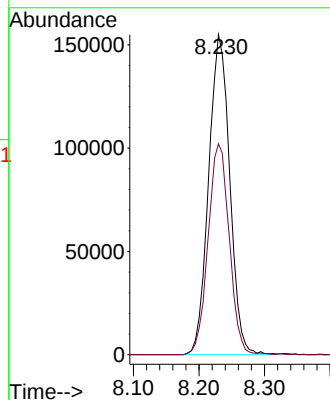
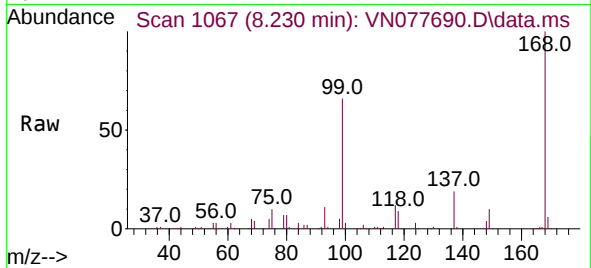




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077690.D
Acq: 16 May 2023 14:15

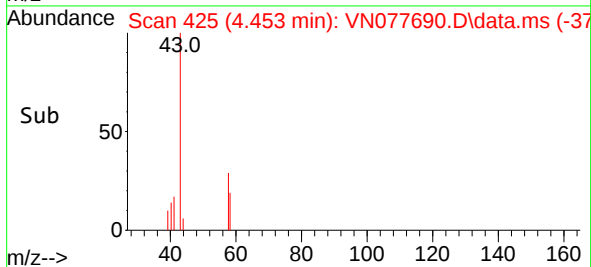
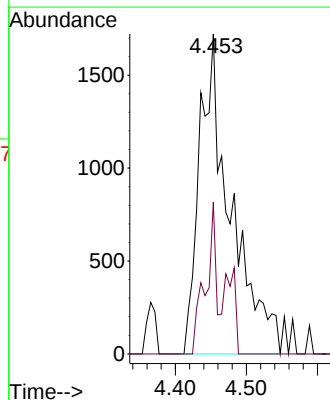
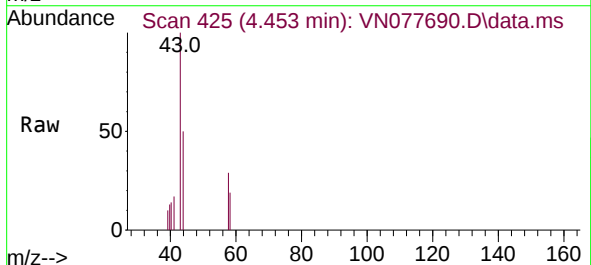
Instrument :
MSVOA_N
ClientSampleId :
TB-02-051523

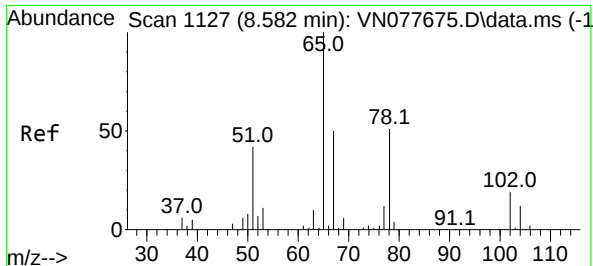
Tgt Ion:168 Resp: 345991
Ion Ratio Lower Upper
168 100
99 65.9 53.0 79.6



#16
Acetone
Concen: 3.206 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077690.D
Acq: 16 May 2023 14:15

Tgt Ion: 43 Resp: 5221
Ion Ratio Lower Upper
43 100
58 47.5 28.0 42.0#





#33

1,2-Dichloroethane-d4

Concen: 47.495 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077690.D

Acq: 16 May 2023 14:15

Instrument :

MSVOA_N

ClientSampleId :

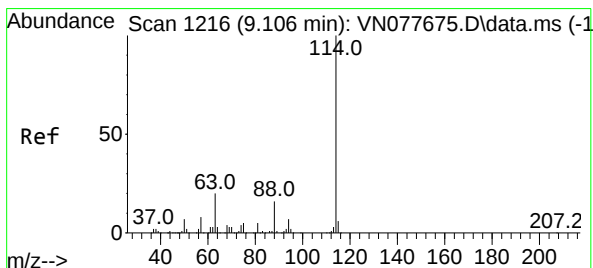
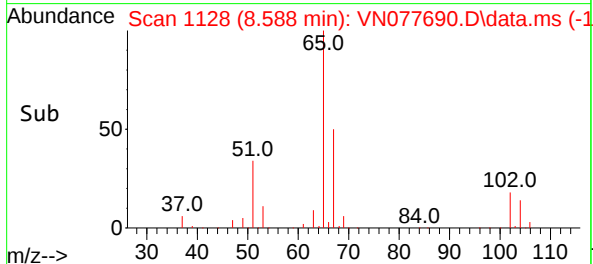
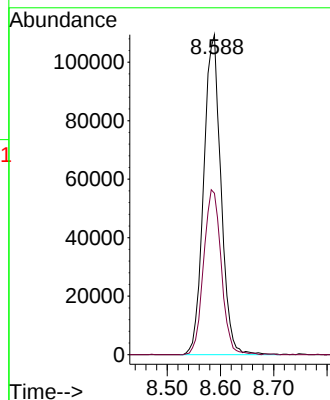
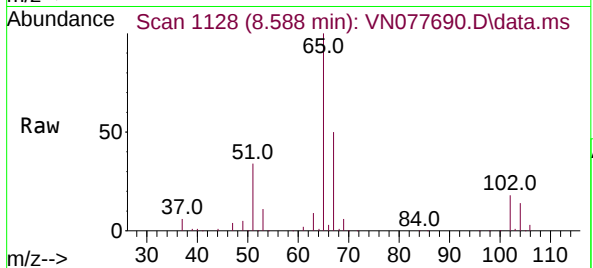
TB-02-051523

Tgt Ion: 65 Resp: 245879

Ion Ratio Lower Upper

65 100

67 52.8 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. 0.000 min

Lab File: VN077690.D

Acq: 16 May 2023 14:15

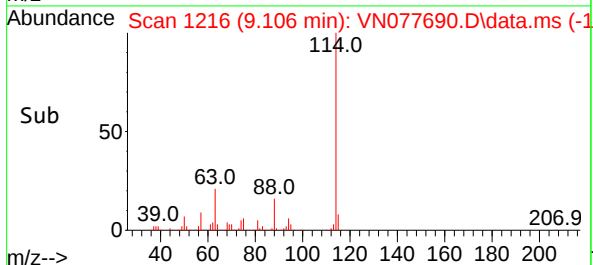
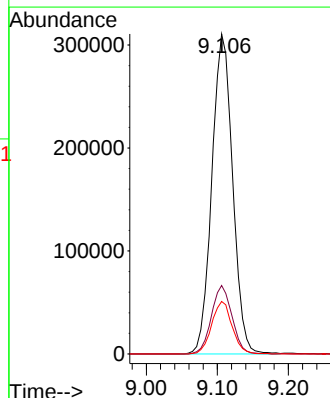
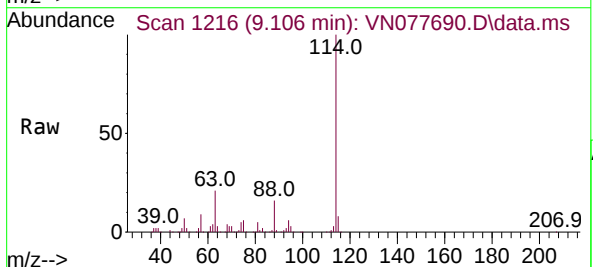
Tgt Ion: 114 Resp: 630050

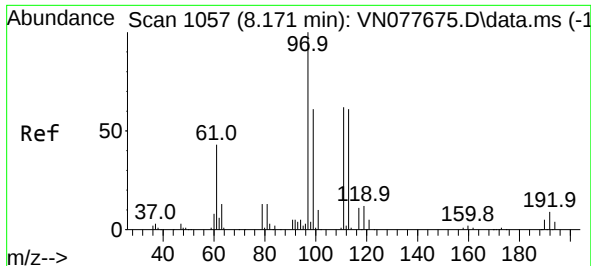
Ion Ratio Lower Upper

114 100

63 21.4 0.0 36.4

88 16.4 0.0 30.6

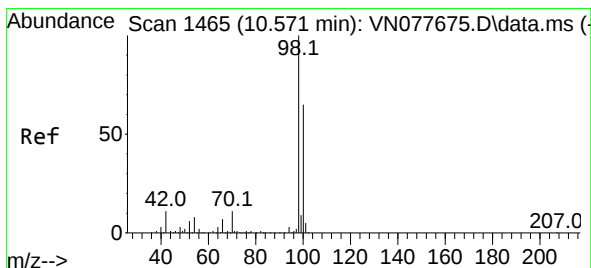
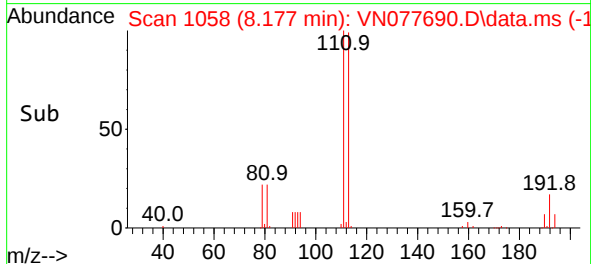
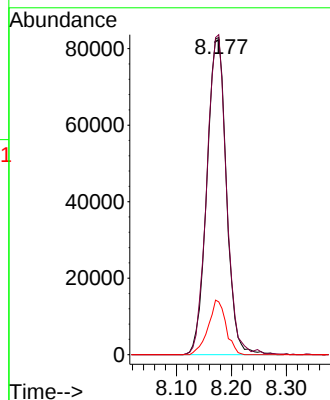
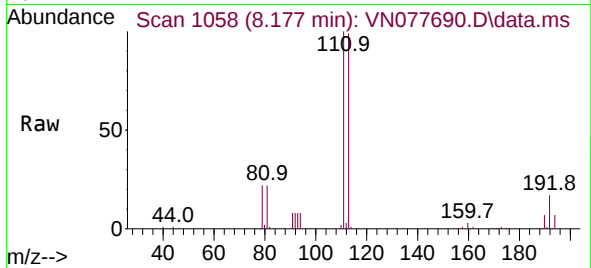




#35
Dibromofluoromethane
Concen: 49.830 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077690.D
Acq: 16 May 2023 14:15

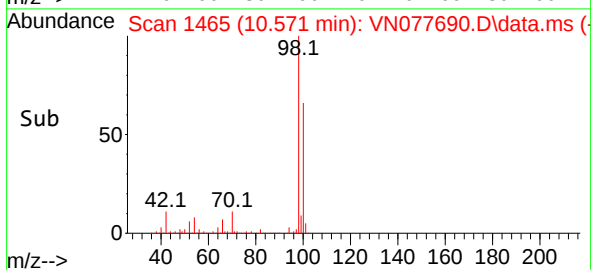
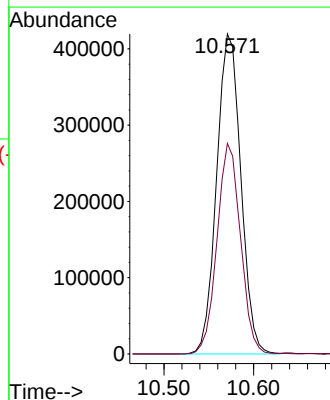
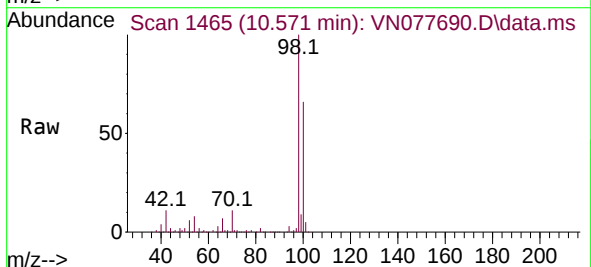
Instrument :
MSVOA_N
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TB-02-051523

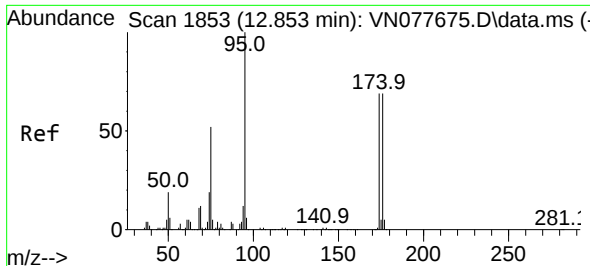
Tgt Ion:113 Resp: 204725
Ion Ratio Lower Upper
113 100
111 100.9 82.6 123.8
192 15.7 12.7 19.1



#50
Toluene-d8
Concen: 49.747 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077690.D
Acq: 16 May 2023 14:15

Tgt Ion: 98 Resp: 786685
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0

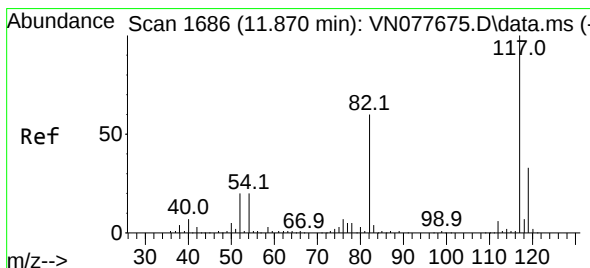
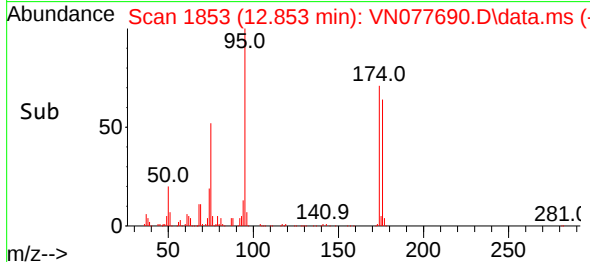
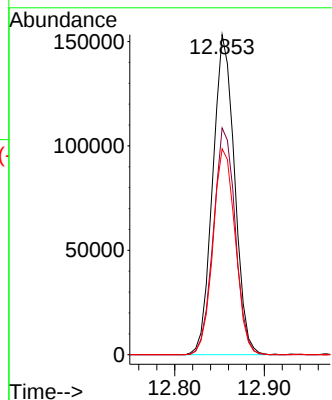
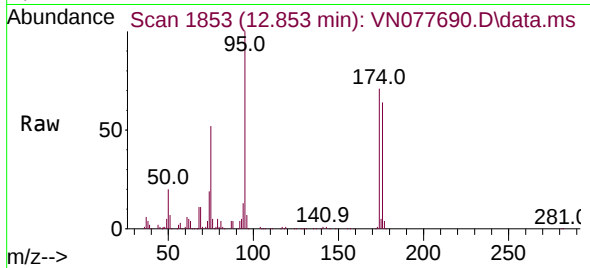




#62
4-Bromofluorobenzene
Concen: 46.315 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077690.D
Acq: 16 May 2023 14:15

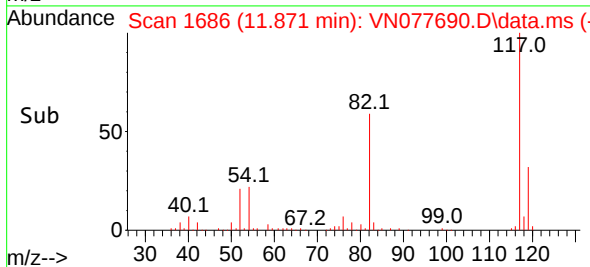
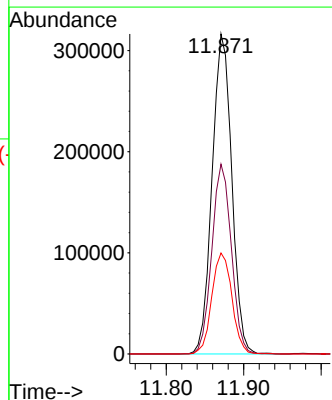
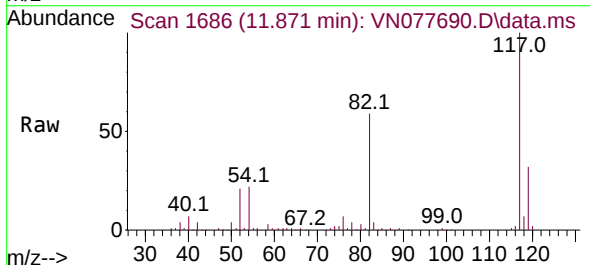
Instrument :
MSVOA_N
ClientSampleId :
TB-02-051523

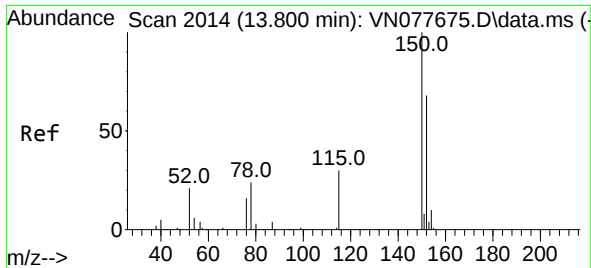
Tgt Ion: 95 Resp: 258674
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 65.8 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077690.D
Acq: 16 May 2023 14:15

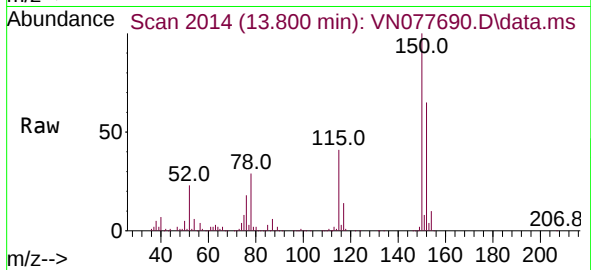
Tgt Ion: 117 Resp: 557051
Ion Ratio Lower Upper
117 100
82 59.3 44.0 66.0
119 31.6 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077690.D
 Acq: 16 May 2023 14:15

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-02-051523



Tgt Ion:152 Resp: 219087
 Ion Ratio Lower Upper
 152 100
 115 63.1 32.3 96.8
 150 158.5 0.0 355.8

