

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
 Data File : VN086033.D
 Acq On : 20 Mar 2025 18:45
 Operator : JC\MD
 Sample : Q1618-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP20250320-01

Quant Time: Mar 21 01:25:09 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	140186	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	251355	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	243209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119013	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	108089	56.307	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.620%
35) Dibromofluoromethane	8.165	113	91403	52.099	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.200%
50) Toluene-d8	10.565	98	307584	48.306	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.620%
62) 4-Bromofluorobenzene	12.847	95	124183	54.687	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.380%

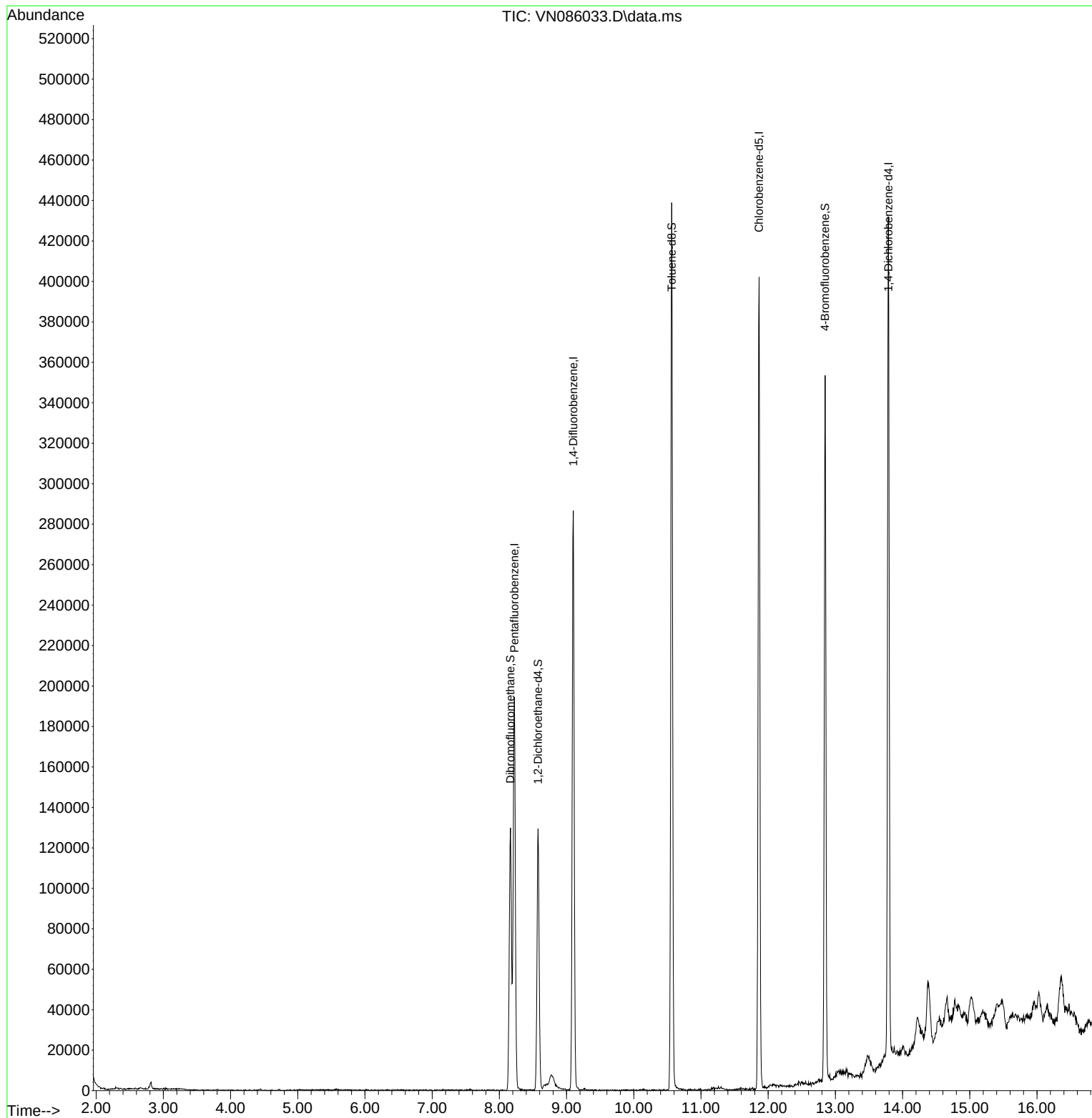
Target Compounds	Qvalue

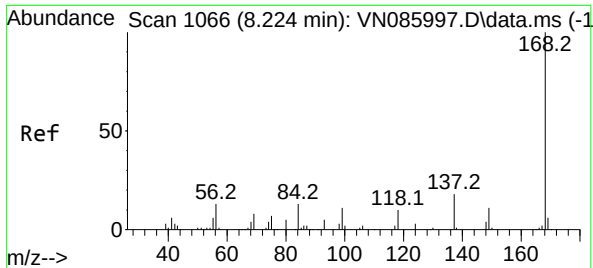
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032025\
Data File : VN086033.D
Acq On : 20 Mar 2025 18:45
Operator : JC\MD
Sample : Q1618-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

Quant Time: Mar 21 01:25:09 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 19 03:20:56 2025
Response via : Initial Calibration

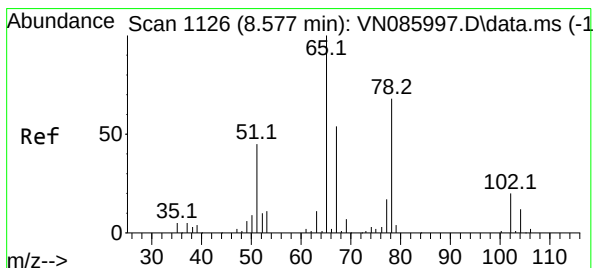
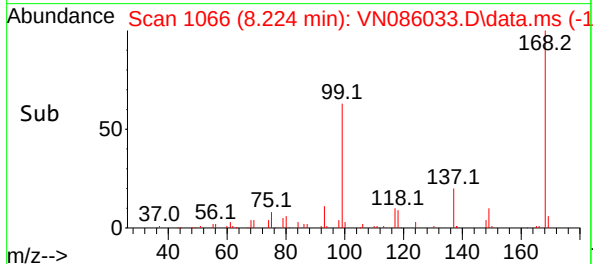
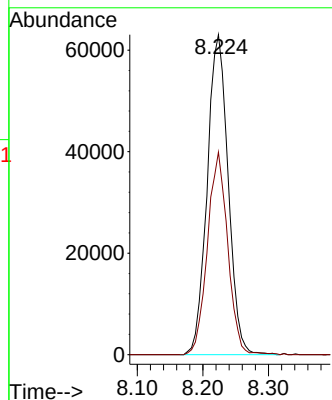
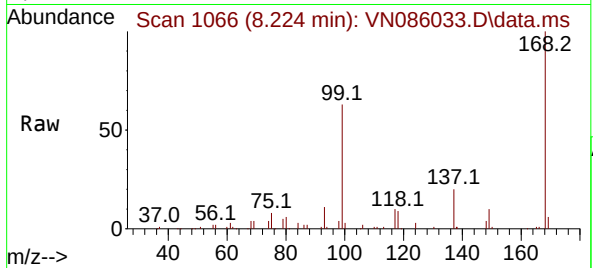




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

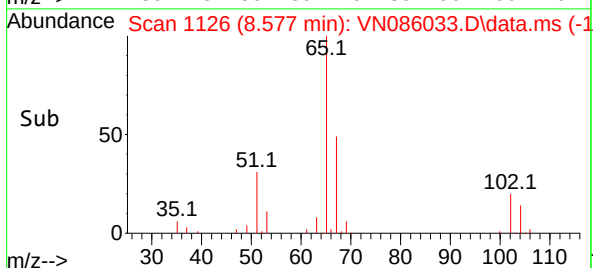
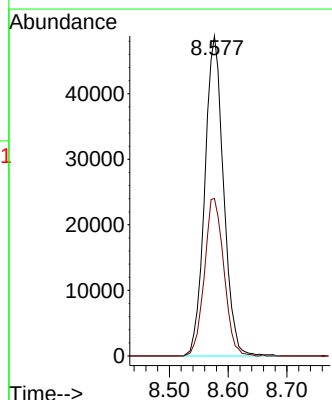
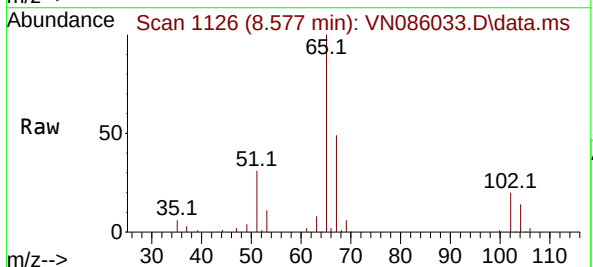
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

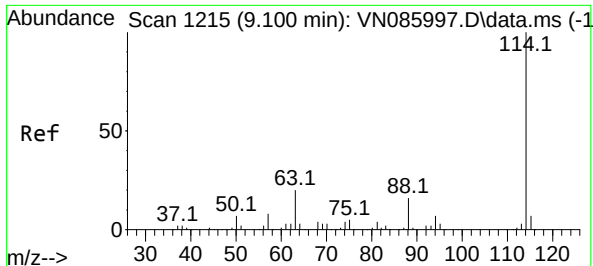
Tgt Ion:168 Resp: 140186
Ion Ratio Lower Upper
168 100
99 63.3 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 56.307 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion: 65 Resp: 108089
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.2

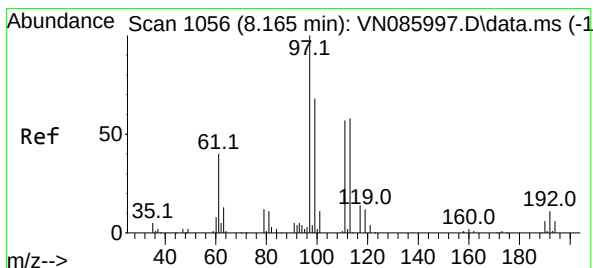
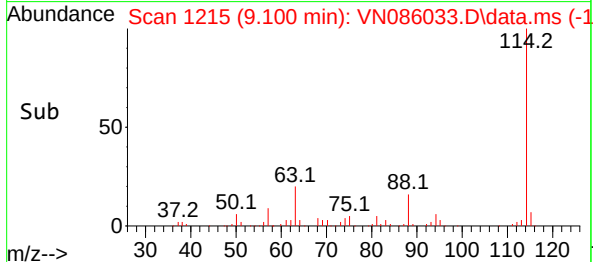
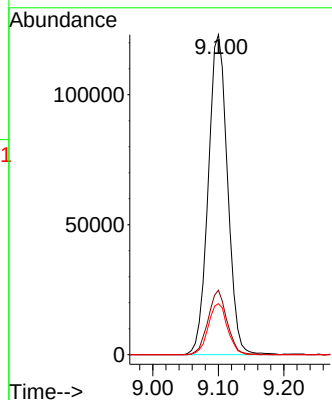
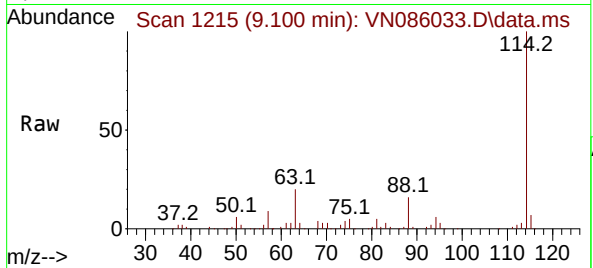




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

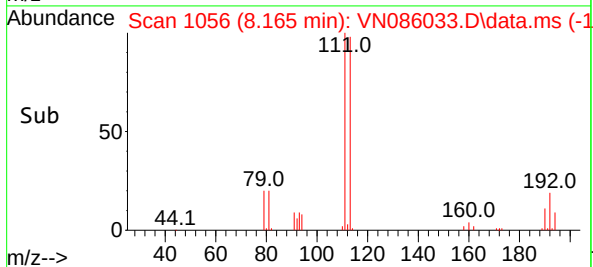
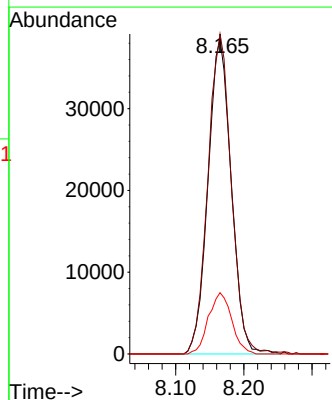
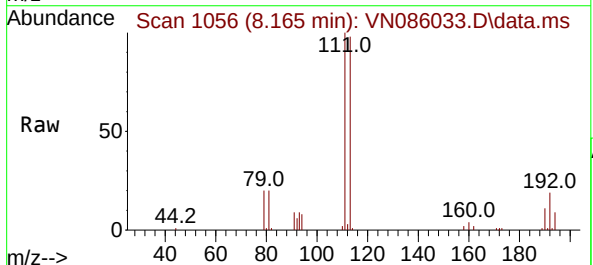
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

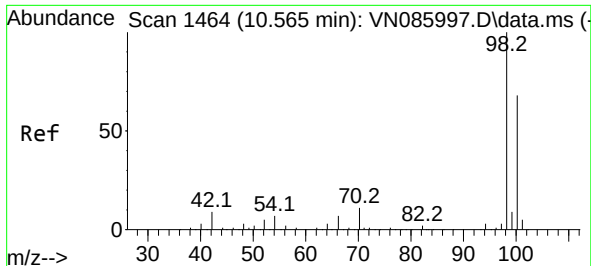
Tgt Ion:114 Resp: 251355
Ion Ratio Lower Upper
114 100
63 20.1 0.0 39.6
88 16.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 52.099 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion:113 Resp: 91403
Ion Ratio Lower Upper
113 100
111 102.4 81.8 122.8
192 19.5 15.9 23.9

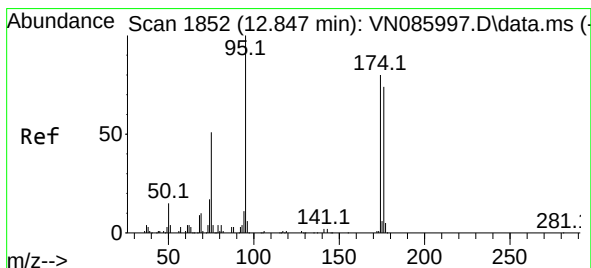
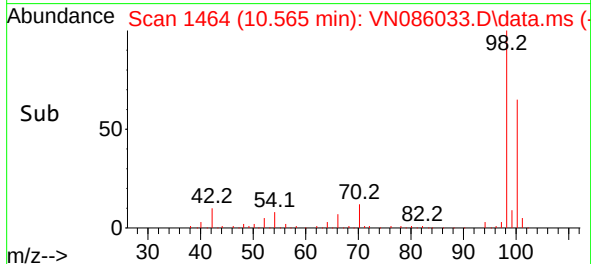
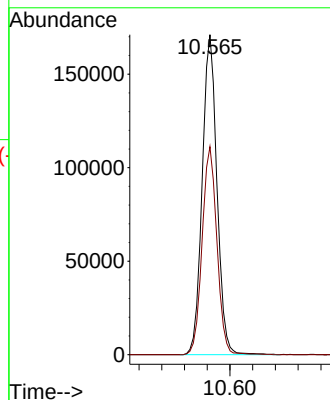
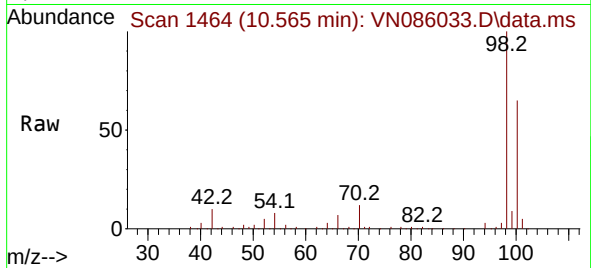




#50
Toluene-d8
Concen: 48.306 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

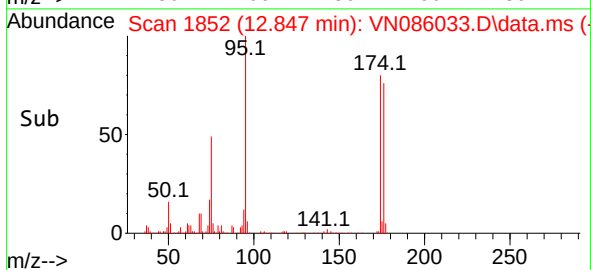
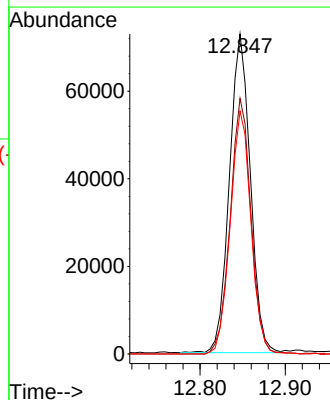
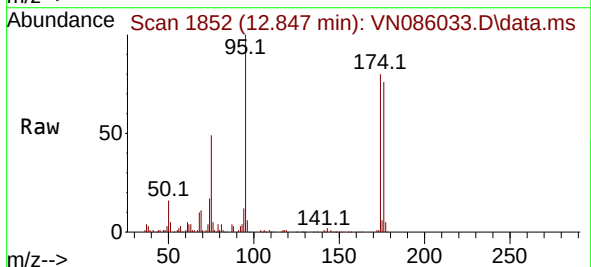
Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

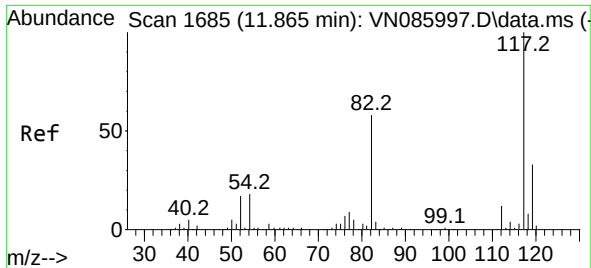
Tgt Ion: 98 Resp: 307584
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 54.687 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion: 95 Resp: 124183
Ion Ratio Lower Upper
95 100
174 79.5 0.0 156.8
176 75.3 0.0 152.2

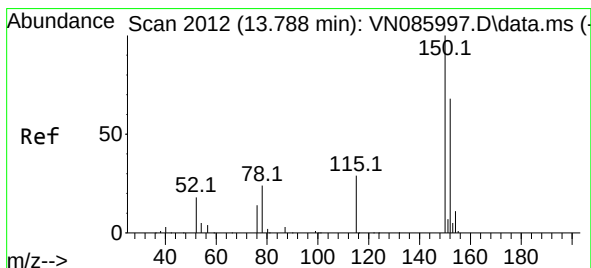
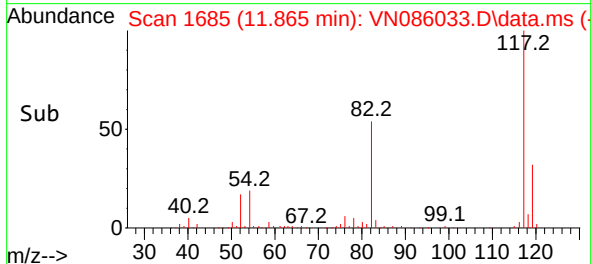
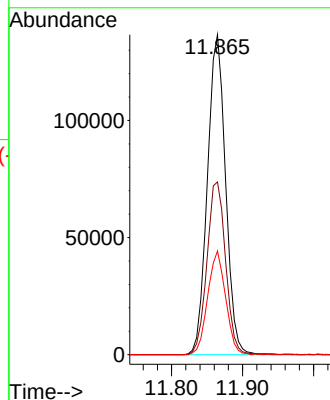
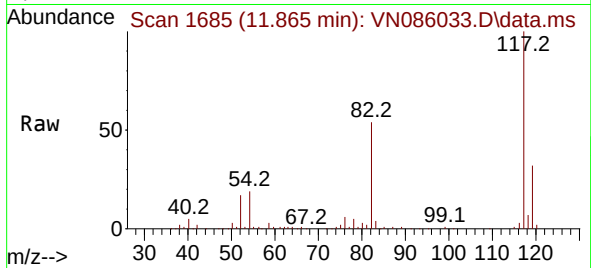




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Instrument :
MSVOA_N
ClientSampleId :
TP20250320-01

Tgt Ion:117 Resp: 243209
Ion Ratio Lower Upper
117 100
82 54.0 46.7 70.1
119 32.4 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086033.D
Acq: 20 Mar 2025 18:45

Tgt Ion:152 Resp: 119013
Ion Ratio Lower Upper
152 100
115 62.6 31.1 93.2
150 155.6 0.0 359.6

