

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032125\
 Data File : VN086037.D
 Acq On : 21 Mar 2025 13:52
 Operator : JC\MD
 Sample : VN0321WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0321WBL01

Quant Time: Mar 21 22:55:40 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	8.218	168	129724	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	224711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	210417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	84947	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	102474	57.688	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	115.380%
35) Dibromofluoromethane	8.165	113	88103	56.172	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	112.340%
50) Toluene-d8	10.565	98	276675	48.604	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.200%
62) 4-Bromofluorobenzene	12.847	95	90119	44.392	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.780%

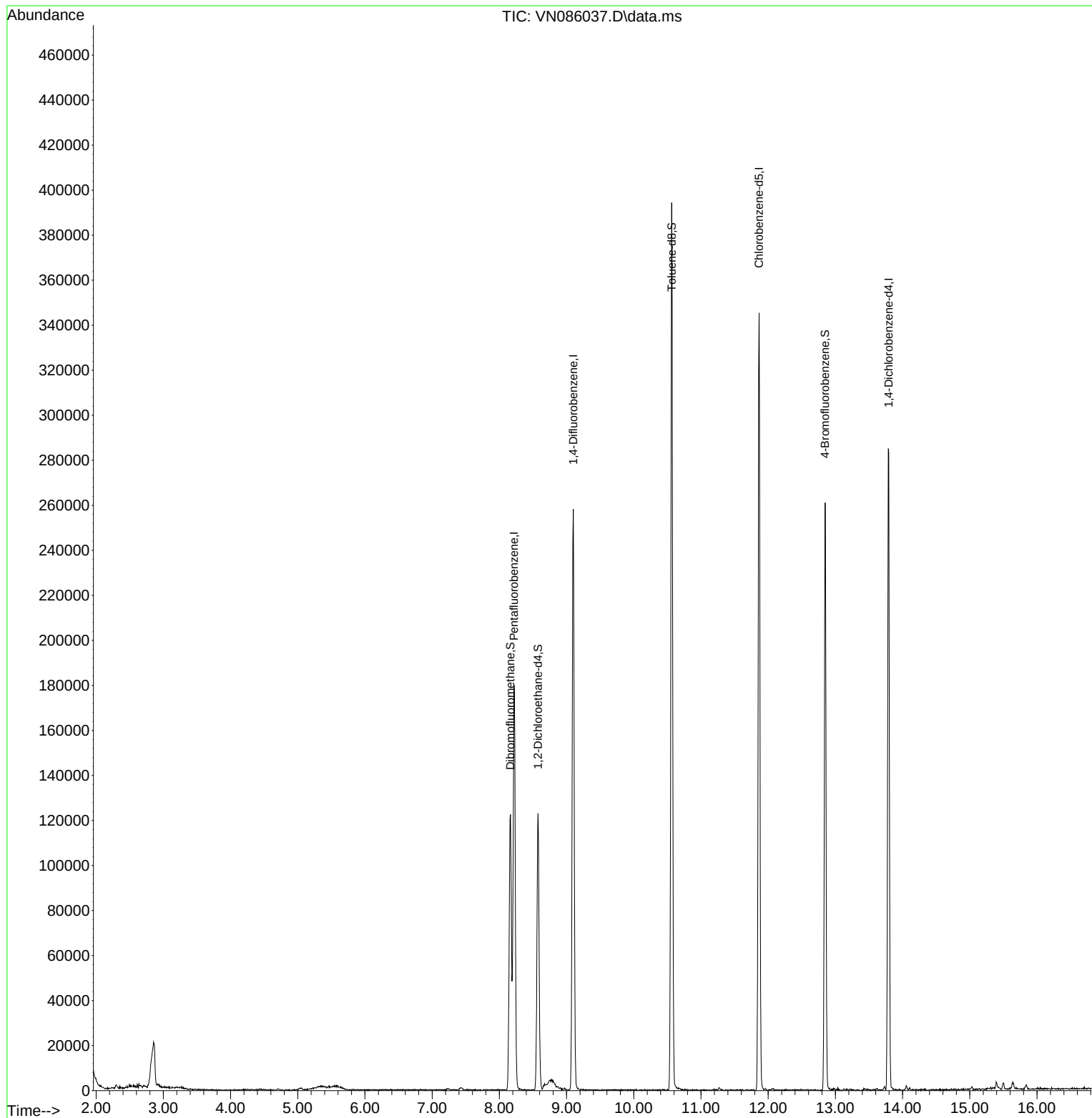
Target Compounds	Qvalue

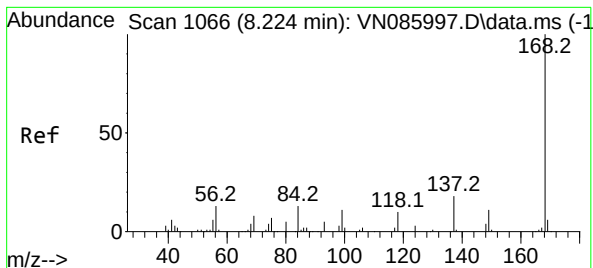
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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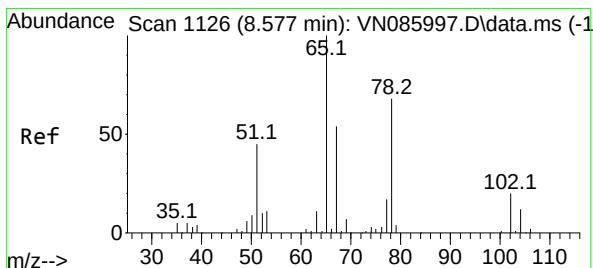
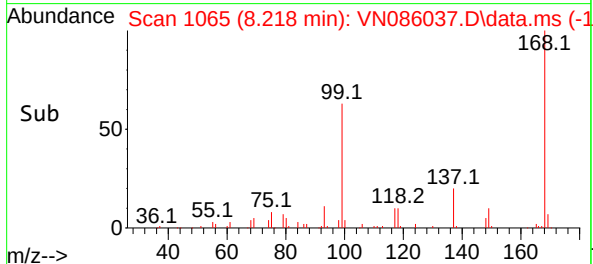
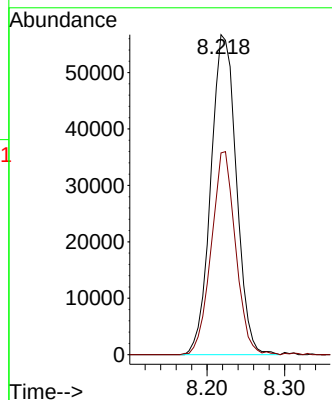
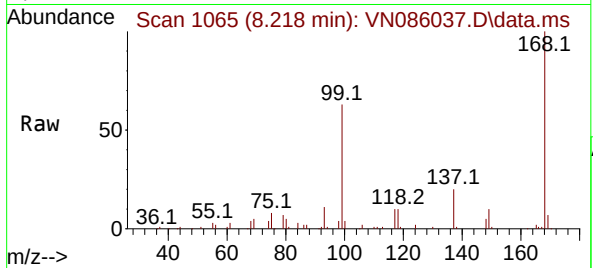




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

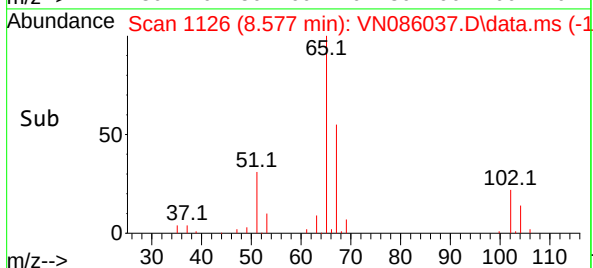
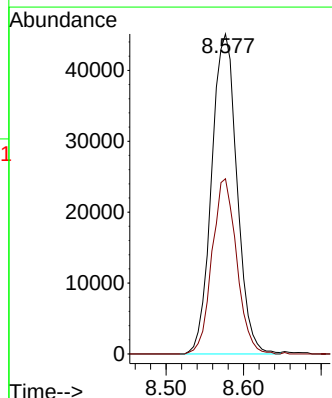
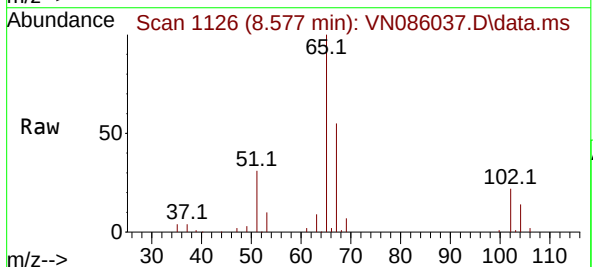
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

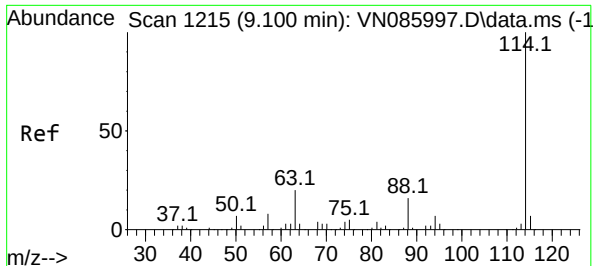
Tgt Ion:168 Resp: 129724
Ion Ratio Lower Upper
168 100
99 63.1 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 57.688 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

Tgt Ion: 65 Resp: 102474
Ion Ratio Lower Upper
65 100
67 53.2 0.0 102.2

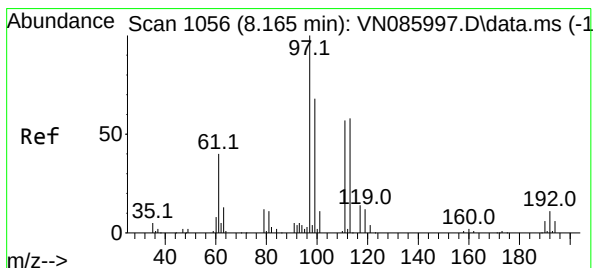
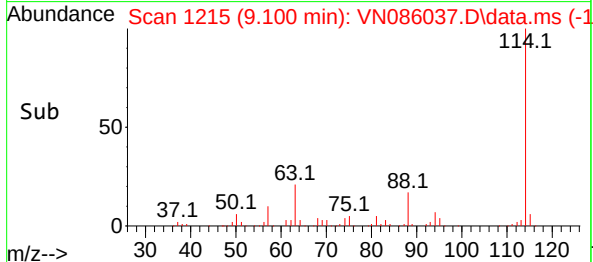
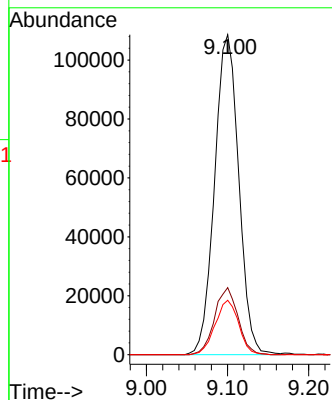
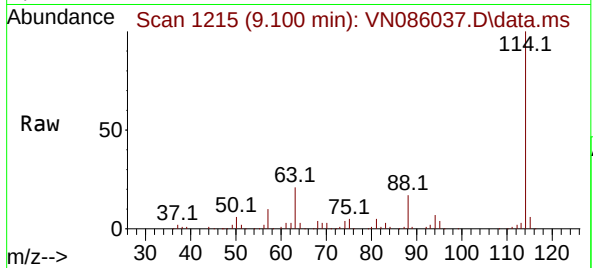




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

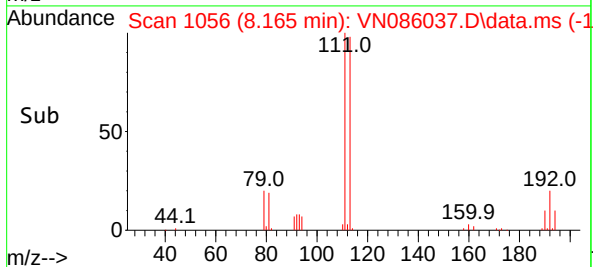
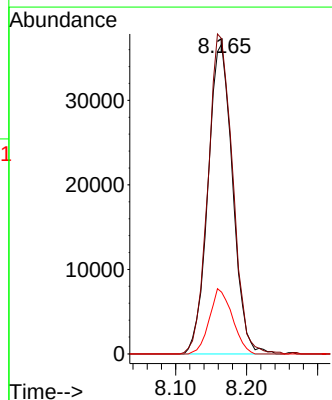
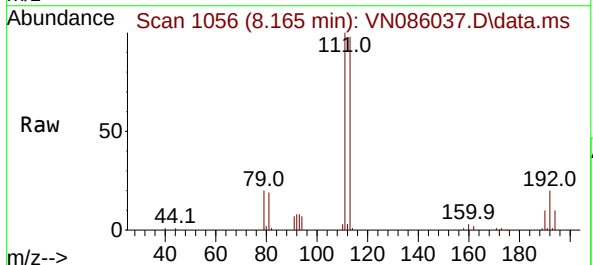
Instrument :
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ClientSampleId :
VN0321WBL01

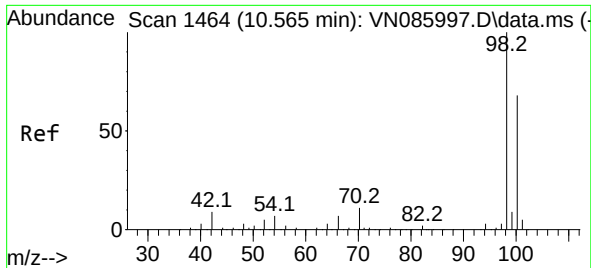
Tgt Ion:114 Resp: 224711
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.6
88 17.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 56.172 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

Tgt Ion:113 Resp: 88103
Ion Ratio Lower Upper
113 100
111 103.8 81.8 122.8
192 19.6 15.9 23.9

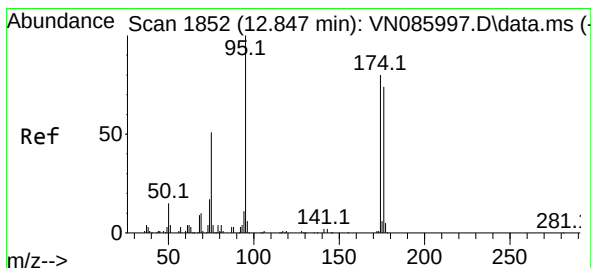
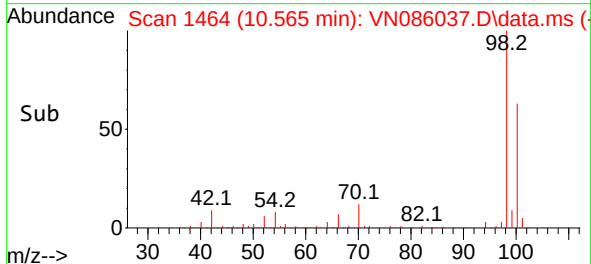
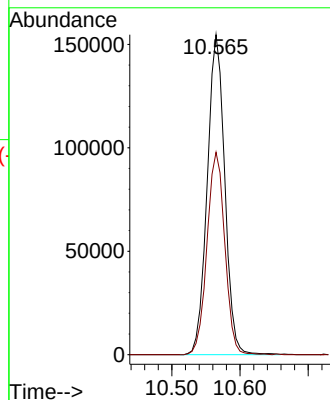
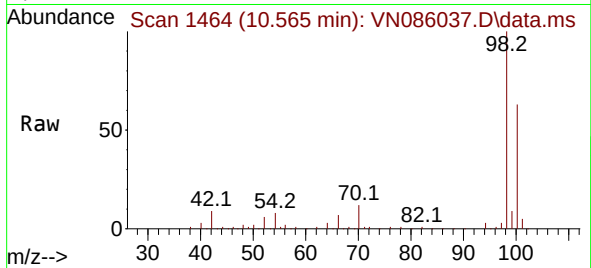




#50
Toluene-d8
Concen: 48.604 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

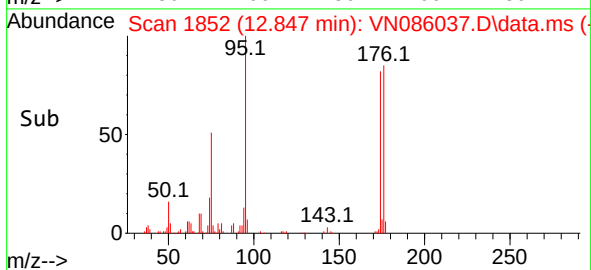
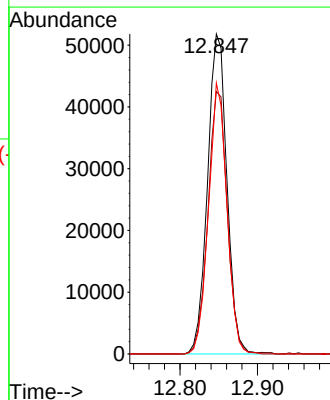
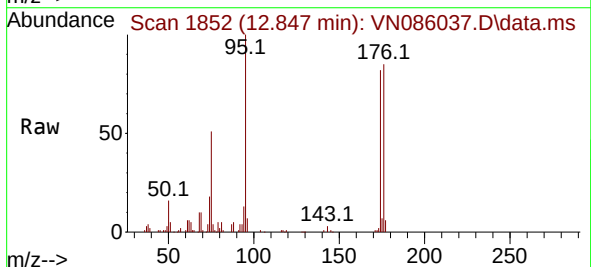
Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

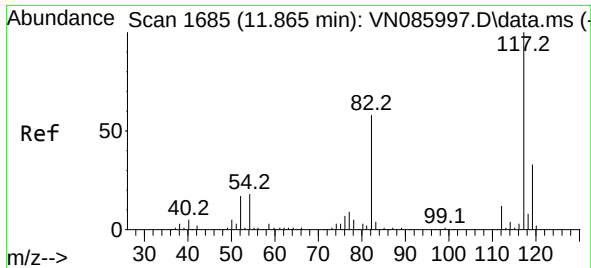
Tgt Ion: 98 Resp: 276675
Ion Ratio Lower Upper
98 100
100 64.2 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 44.392 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

Tgt Ion: 95 Resp: 90119
Ion Ratio Lower Upper
95 100
174 82.1 0.0 156.8
176 80.1 0.0 152.2

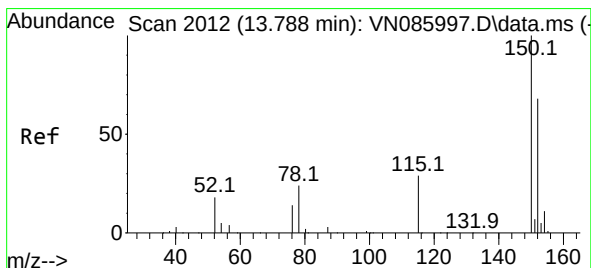
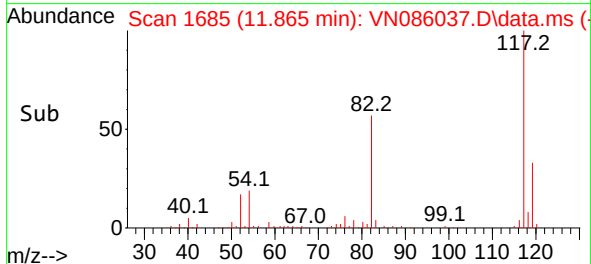
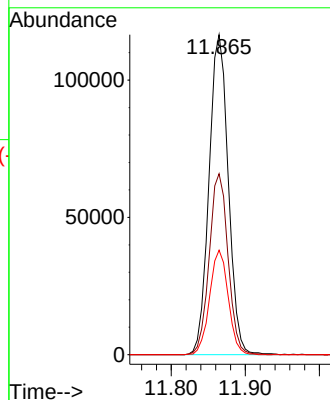
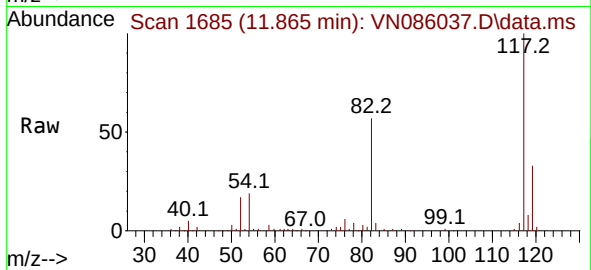




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

Instrument :
MSVOA_N
ClientSampleId :
VN0321WBL01

Tgt Ion:117 Resp: 210417
Ion Ratio Lower Upper
117 100
82 56.6 46.7 70.1
119 32.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN086037.D
Acq: 21 Mar 2025 13:52

Tgt Ion:152 Resp: 84947
Ion Ratio Lower Upper
152 100
115 59.4 31.1 93.2
150 158.4 0.0 359.6

