

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020425\
 Data File : VN085657.D
 Acq On : 04 Feb 2025 17:25
 Operator : JC\MD
 Sample : Q1268-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 Storage-Blank-SOIL-REF-6

Quant Time: Feb 05 01:08:54 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	198753	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	376703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	324307	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	134337	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	142429	44.394	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	88.780%
35) Dibromofluoromethane	8.165	113	122994	47.063	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.120%
50) Toluene-d8	10.565	98	452050	48.684	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.360%
62) 4-Bromofluorobenzene	12.847	95	148295	46.688	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	93.380%

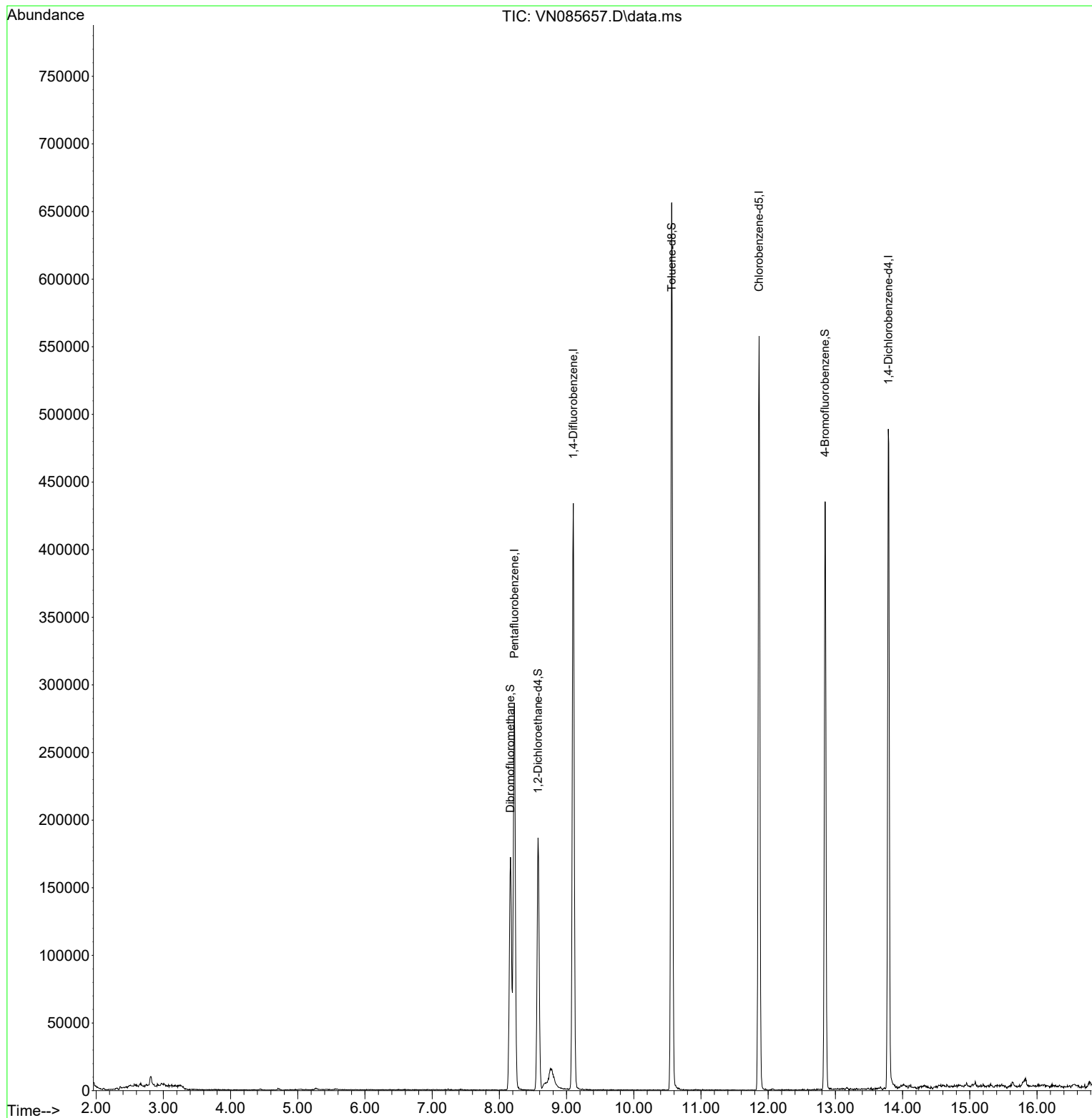
Target Compounds	Qvalue

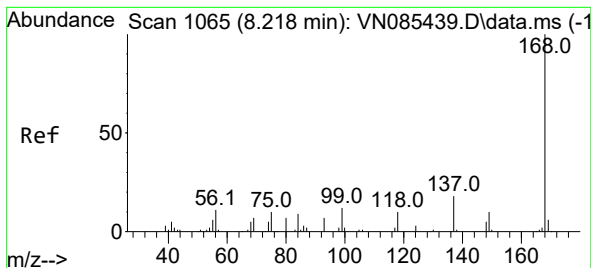
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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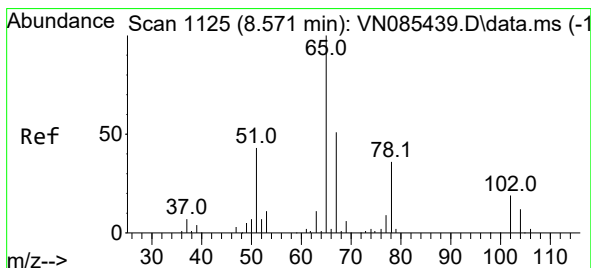
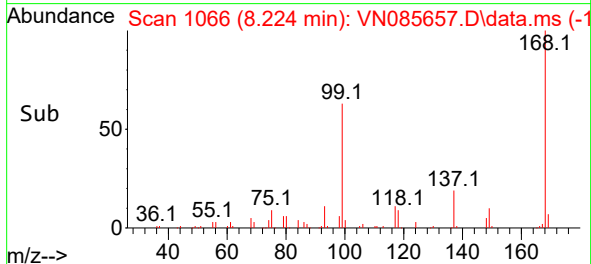
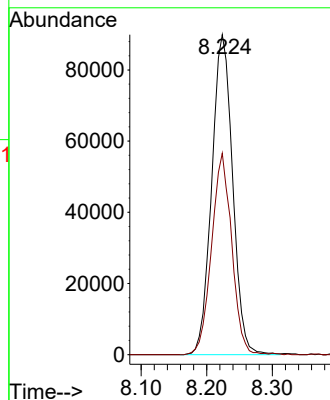
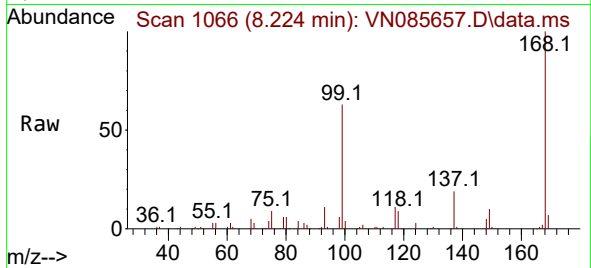




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

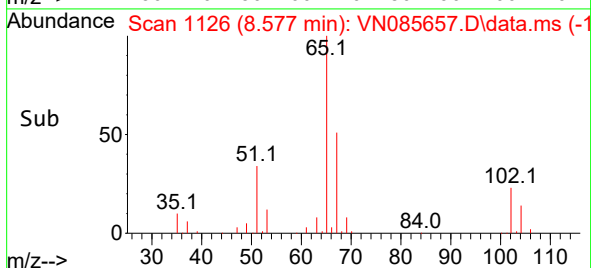
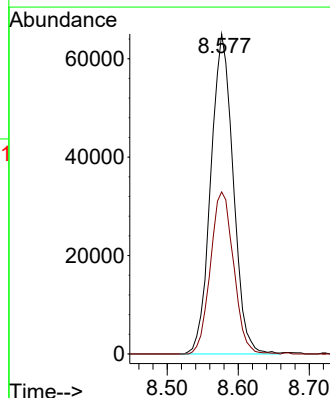
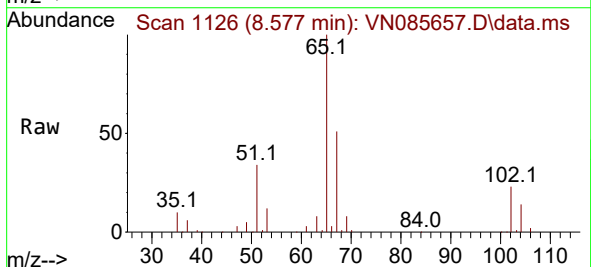
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

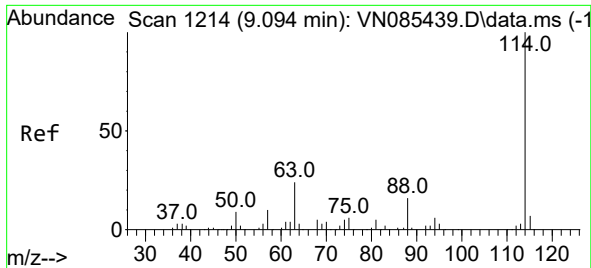
Tgt Ion:168 Resp: 198753
Ion Ratio Lower Upper
168 100
99 62.9 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 44.394 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion: 65 Resp: 142429
Ion Ratio Lower Upper
65 100
67 52.3 0.0 101.6

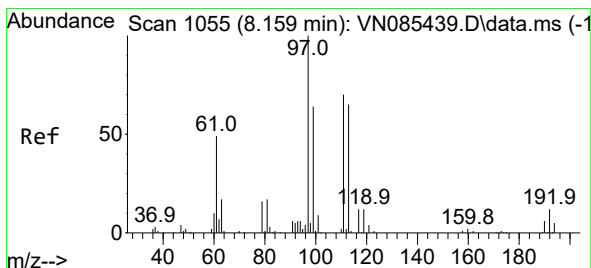
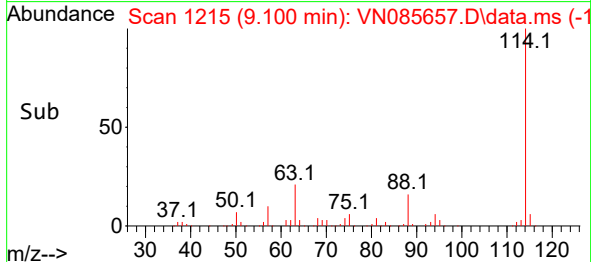
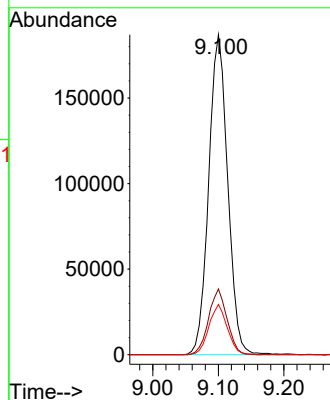
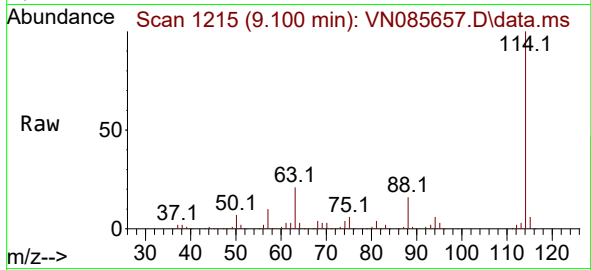




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

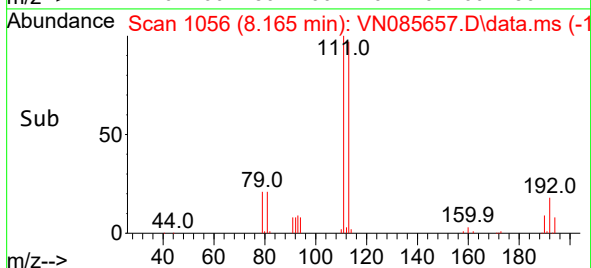
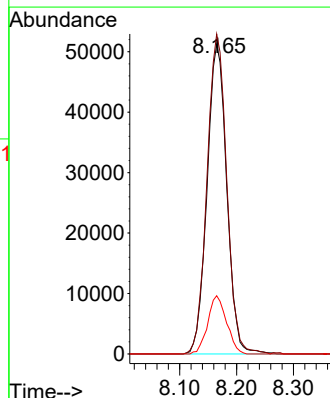
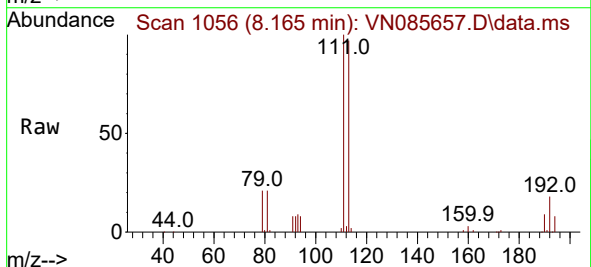
Instrument :
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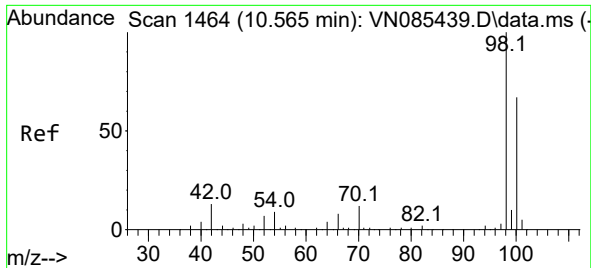
Tgt Ion:114 Resp: 376703
Ion Ratio Lower Upper
114 100
63 20.6 0.0 47.6
88 15.7 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.063 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion:113 Resp: 122994
Ion Ratio Lower Upper
113 100
111 103.6 82.7 124.1
192 18.0 14.3 21.5

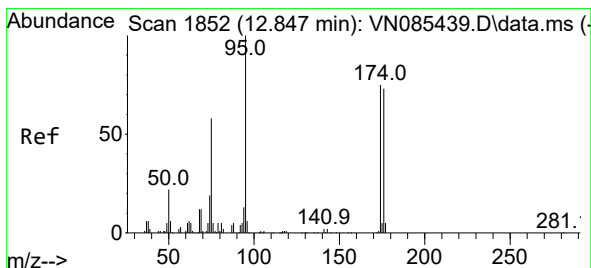
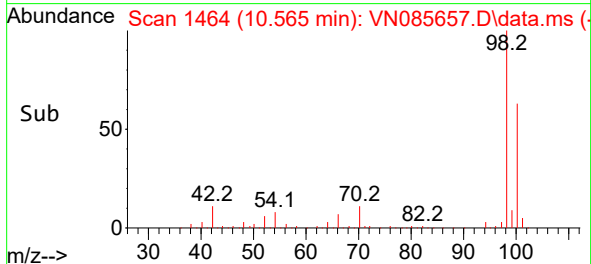
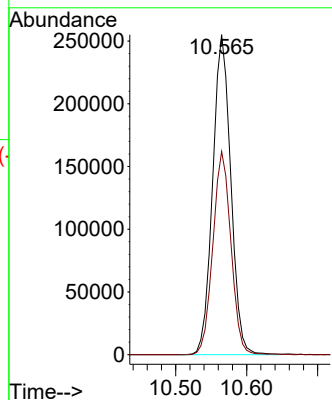
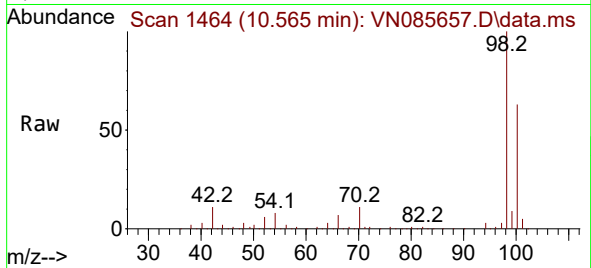




#50
Toluene-d8
Concen: 48.684 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

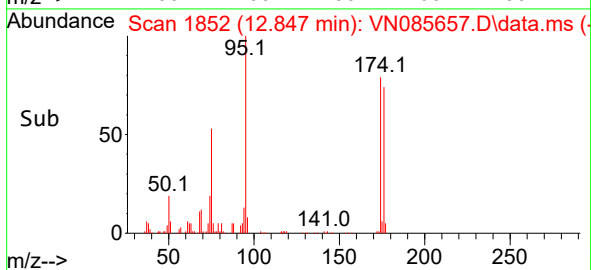
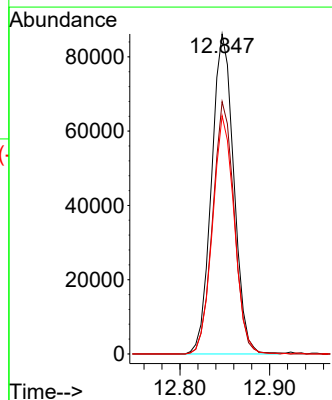
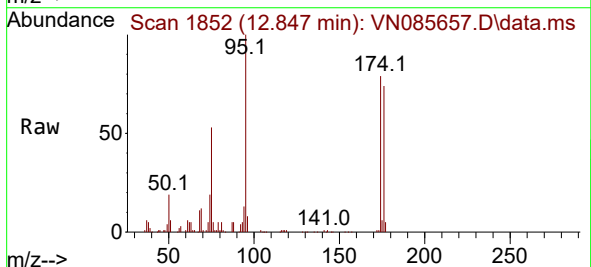
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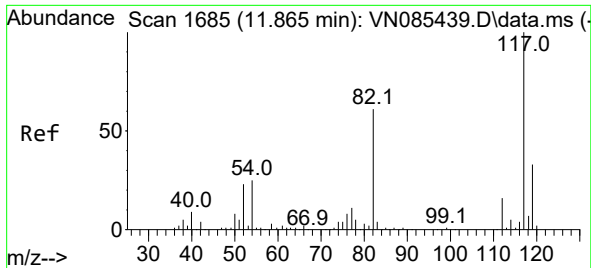
Tgt Ion: 98 Resp: 452050
Ion Ratio Lower Upper
98 100
100 63.2 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion: 95 Resp: 148295
Ion Ratio Lower Upper
95 100
174 76.3 0.0 145.0
176 72.9 0.0 142.4

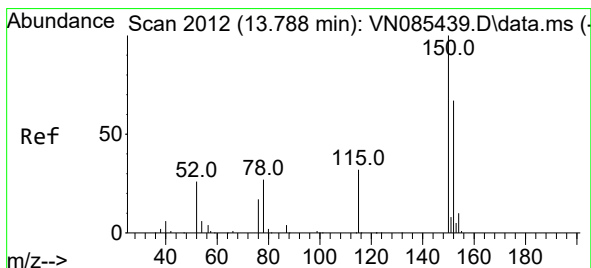
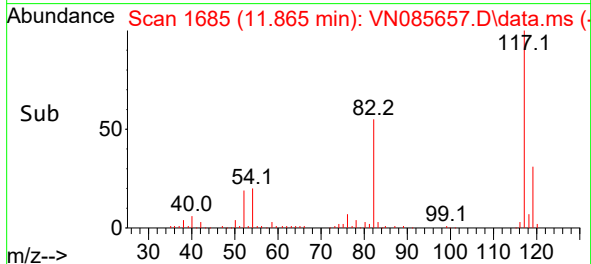
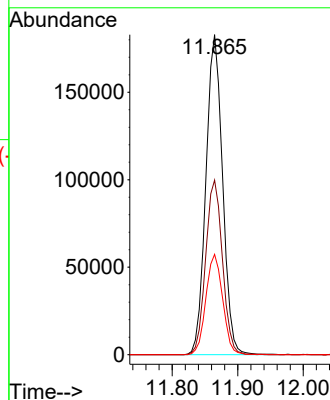
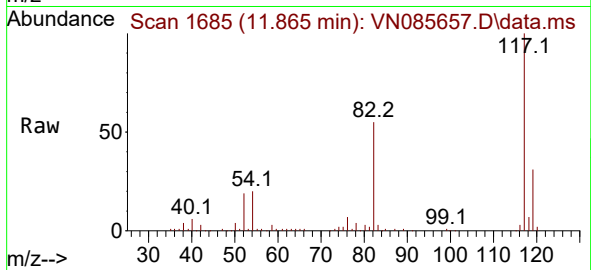




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

Tgt Ion:117 Resp: 324307
Ion Ratio Lower Upper
117 100
82 54.5 48.6 72.8
119 31.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085657.D
Acq: 04 Feb 2025 17:25

Tgt Ion:152 Resp: 134337
Ion Ratio Lower Upper
152 100
115 60.5 31.1 93.3
150 155.9 0.0 343.6

