

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085727.D
 Acq On : 10 Feb 2025 16:35
 Operator : JC\MD
 Sample : Q1328-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Feb 11 03:25:28 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	220063	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	405237	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	352429	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	133160	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	177107	49.857	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.720%
35) Dibromofluoromethane	8.165	113	144221	51.300	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.600%
50) Toluene-d8	10.565	98	493057	49.362	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.847	95	151635	44.378	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.760%

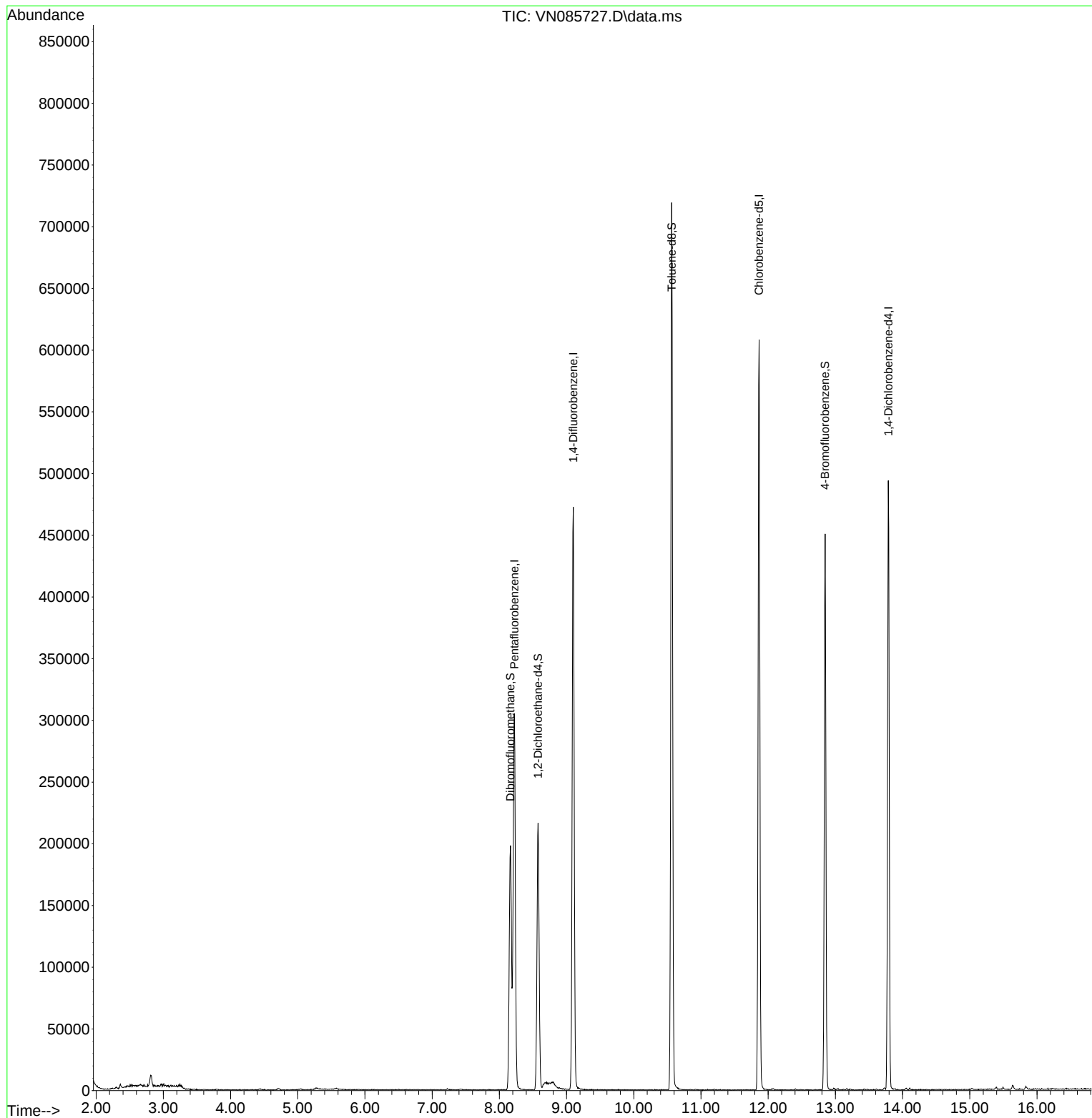
Target Compounds	Qvalue

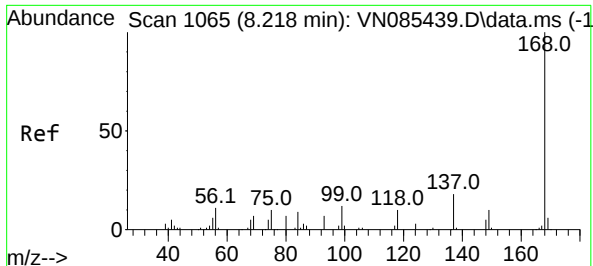
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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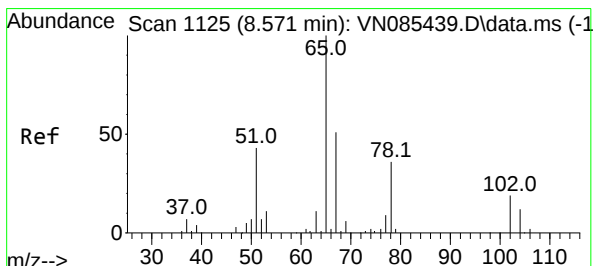
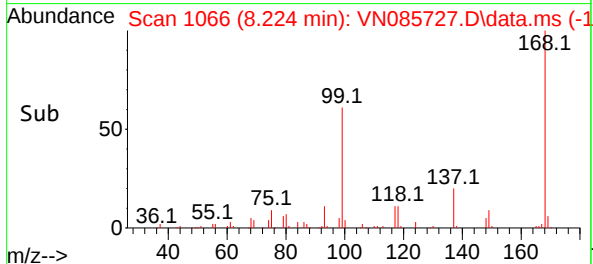
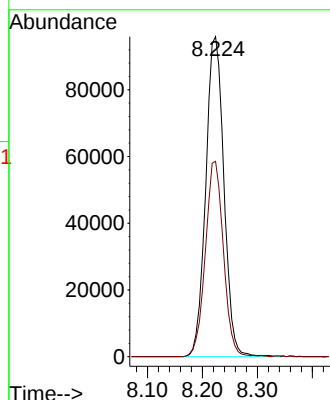
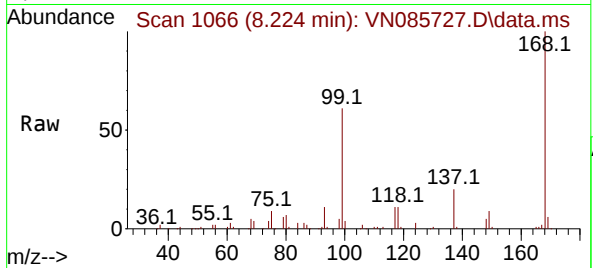




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

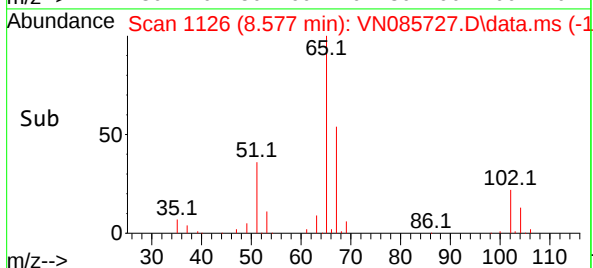
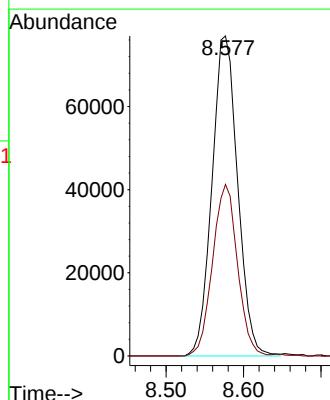
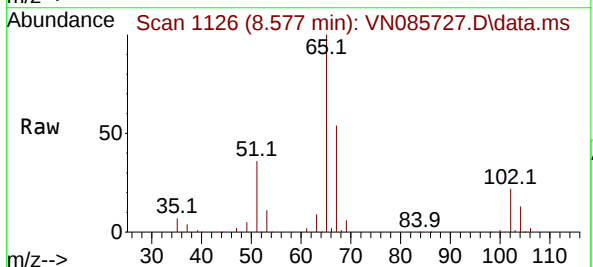
Instrument :
MSVOA_N
ClientSampleId :
Storage-Blank-SOIL-REF-6

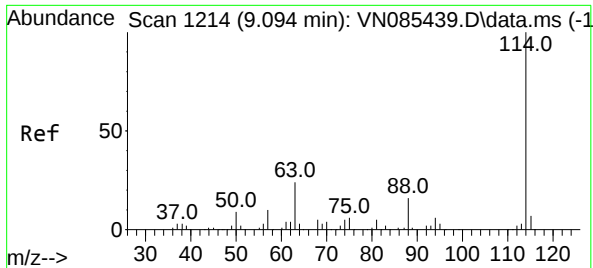
Tgt Ion:168 Resp: 220063
Ion Ratio Lower Upper
168 100
99 61.0 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 49.857 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

Tgt Ion: 65 Resp: 177107
Ion Ratio Lower Upper
65 100
67 52.0 0.0 101.6

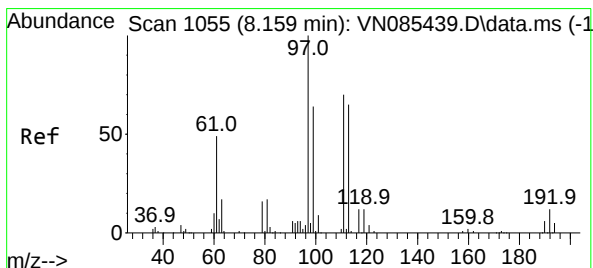
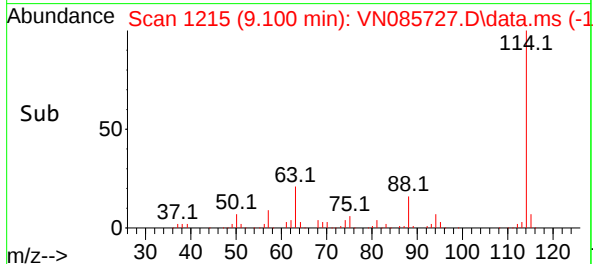
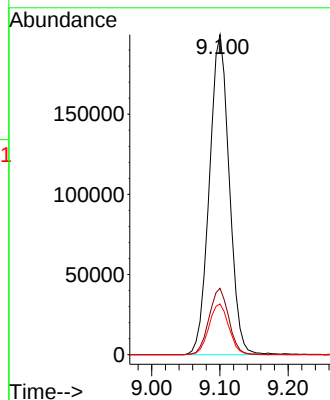
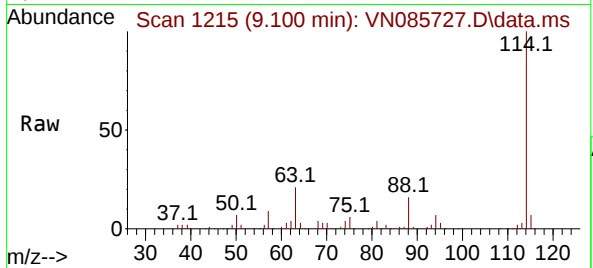




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

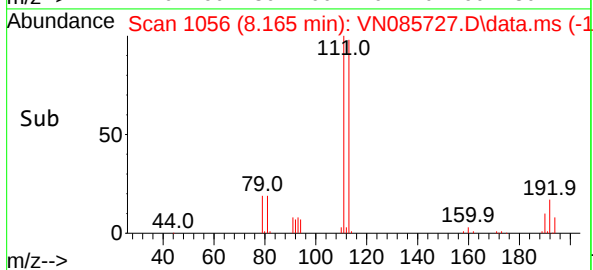
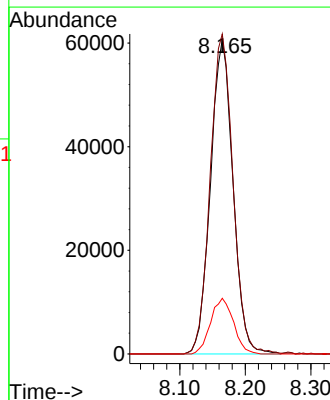
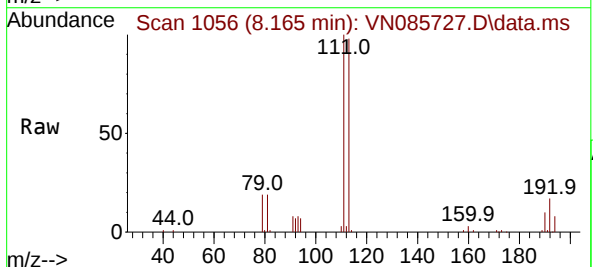
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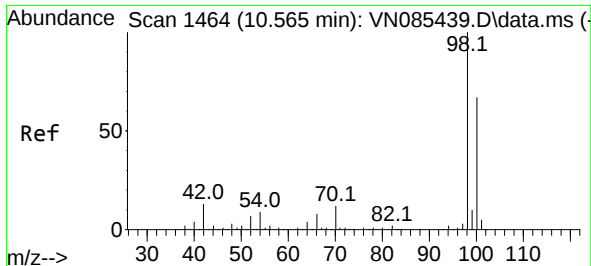
Tgt Ion:114 Resp: 405237
Ion Ratio Lower Upper
114 100
63 20.8 0.0 47.6
88 15.9 0.0 32.6



#35
Dibromofluoromethane
Concen: 51.300 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

Tgt Ion:113 Resp: 144221
Ion Ratio Lower Upper
113 100
111 102.9 82.7 124.1
192 18.0 14.3 21.5

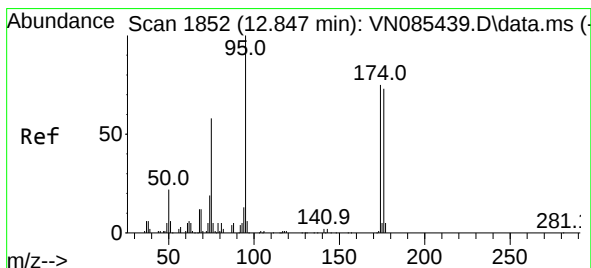
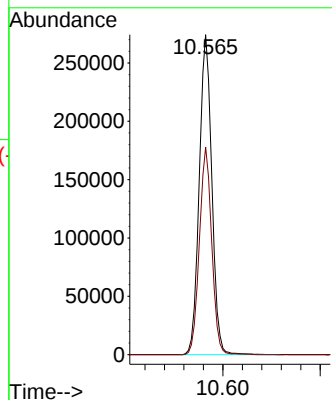
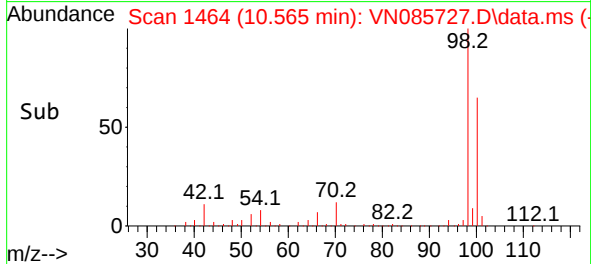
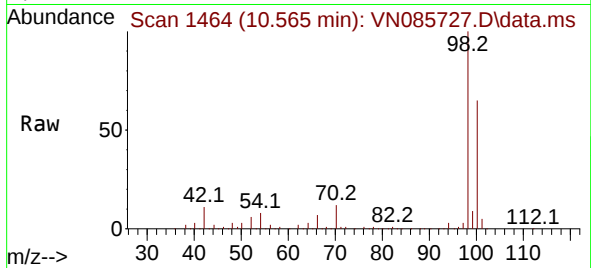




#50
Toluene-d8
Concen: 49.362 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

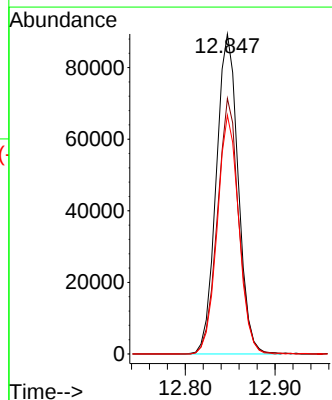
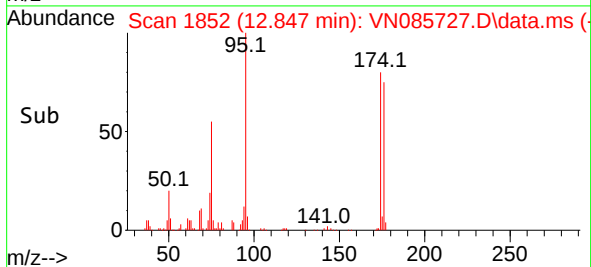
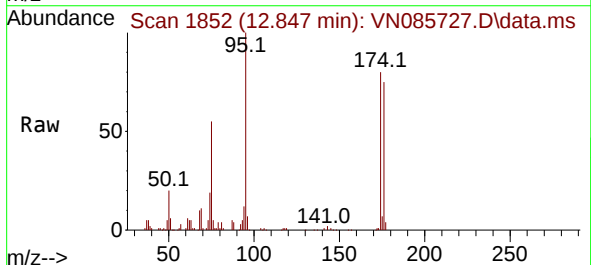
Instrument :
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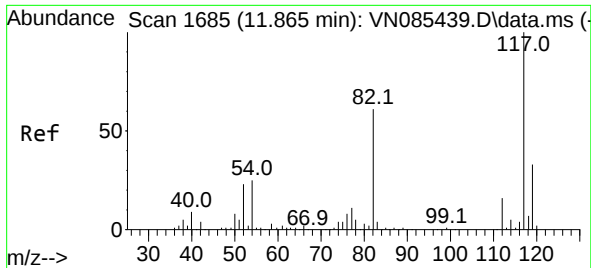
Tgt Ion: 98 Resp: 493057
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.378 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

Tgt Ion: 95 Resp: 151635
Ion Ratio Lower Upper
95 100
174 77.9 0.0 145.0
176 73.2 0.0 142.4

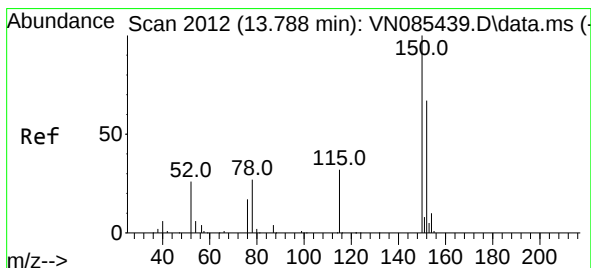
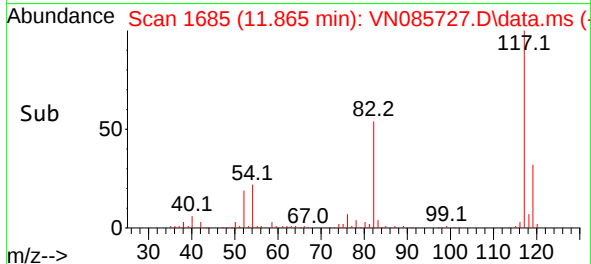
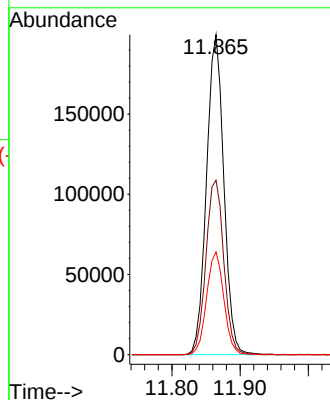
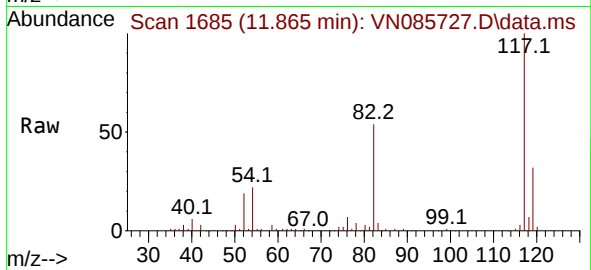




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN085727.D
Acq: 10 Feb 2025 16:35

Instrument :
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ClientSampleId :
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Tgt Ion:117 Resp: 352429
Ion Ratio Lower Upper
117 100
82 54.5 48.6 72.8
119 32.1 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: VN085727.D
Acq: 10 Feb 2025 16:35

Tgt Ion:152 Resp: 133160
Ion Ratio Lower Upper
152 100
115 60.6 31.1 93.3
150 160.8 0.0 343.6

