

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021025\
 Data File : VN085725.D
 Acq On : 10 Feb 2025 15:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Feb 11 03:23:48 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	252028	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	468654	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	407707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162815	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	199692	49.085	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.180%
35) Dibromofluoromethane	8.165	113	163005	50.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.280%
50) Toluene-d8	10.565	98	565834	48.982	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.847	95	179805	45.502	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.000%

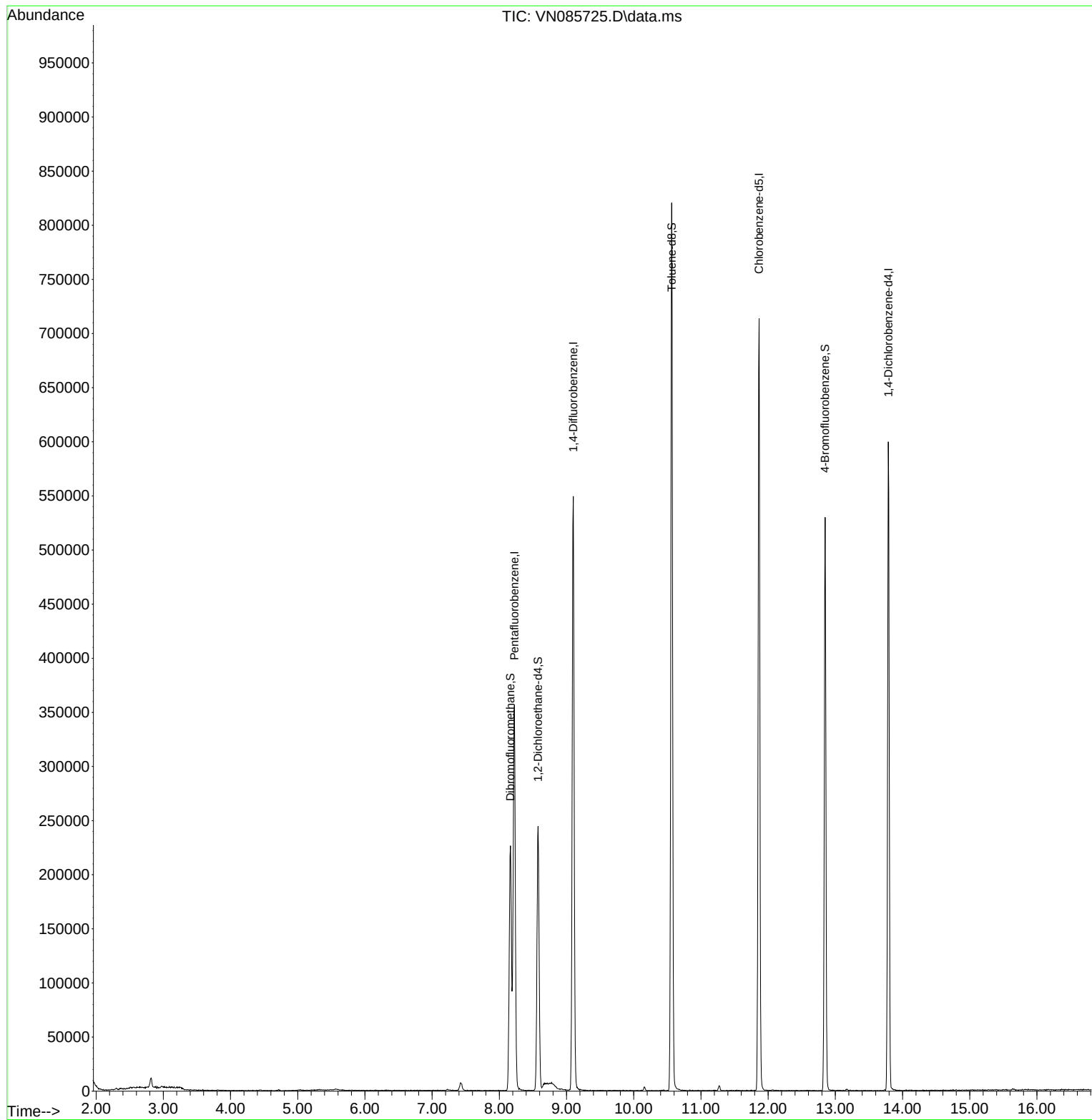
Target Compounds	Qvalue

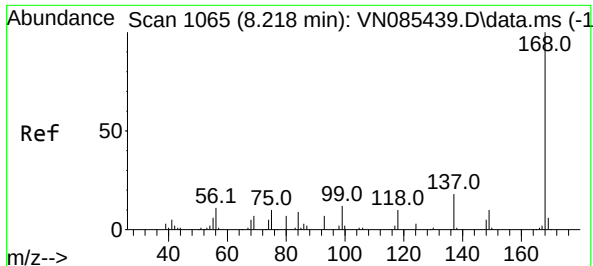
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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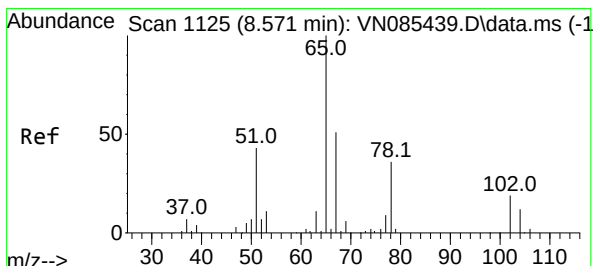
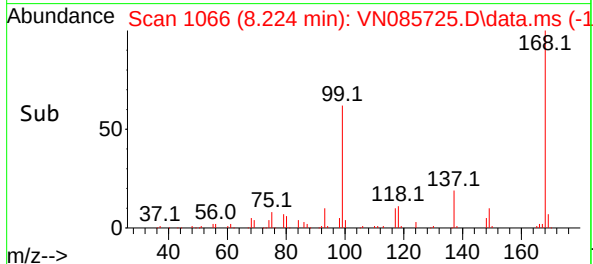
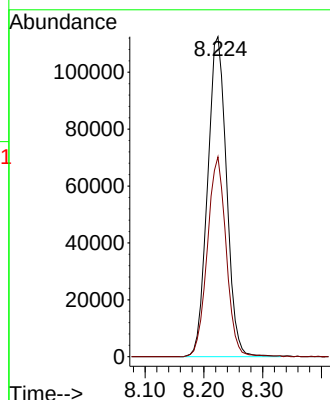
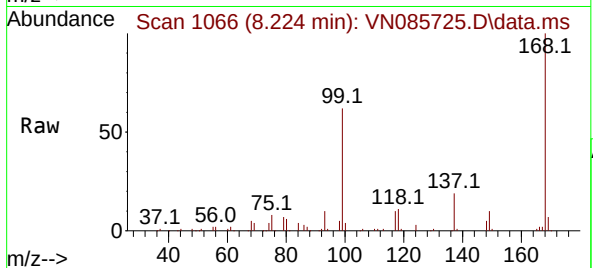




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

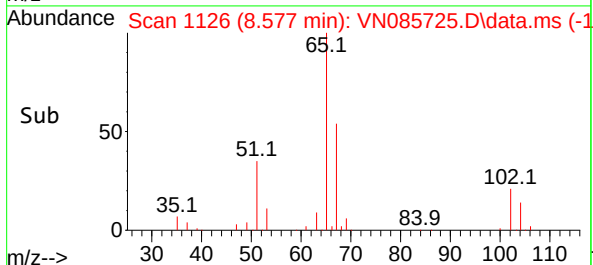
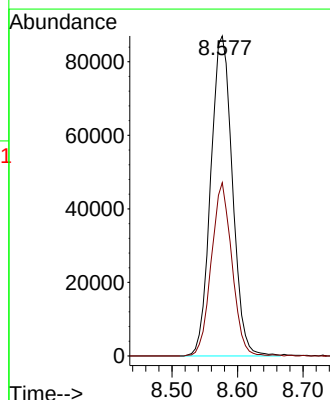
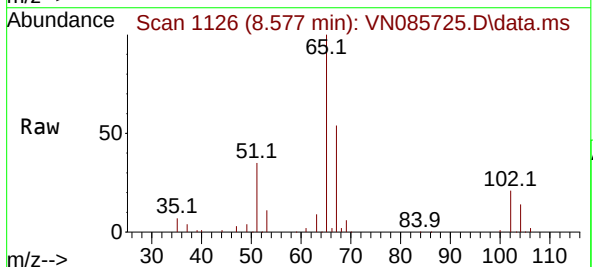
Instrument :
MSVOA_N
ClientSampleId :
IBLK

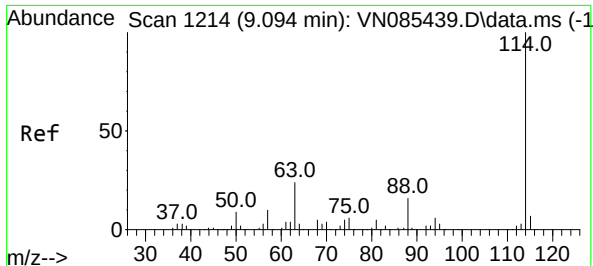
Tgt Ion:168 Resp: 252028
Ion Ratio Lower Upper
168 100
99 62.5 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 49.085 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion: 65 Resp: 199692
Ion Ratio Lower Upper
65 100
67 51.3 0.0 101.6

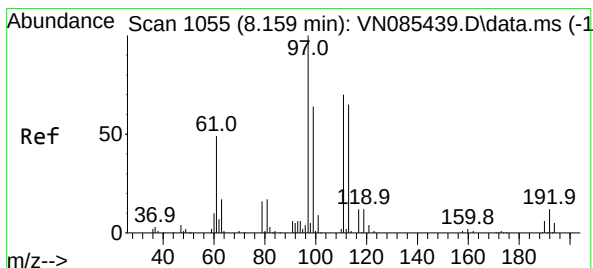
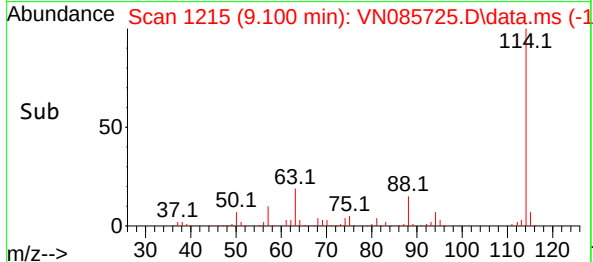
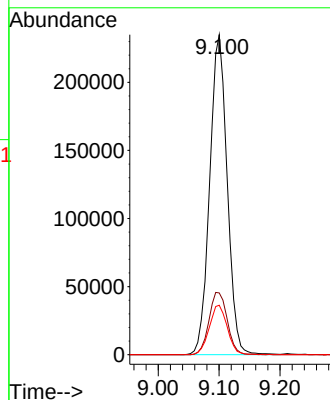
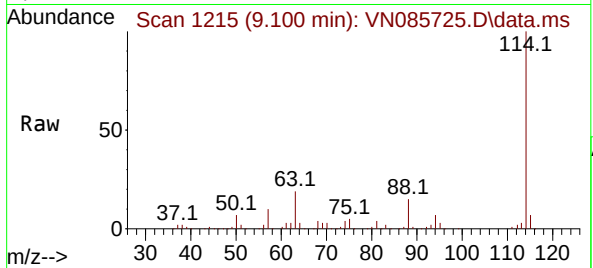




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

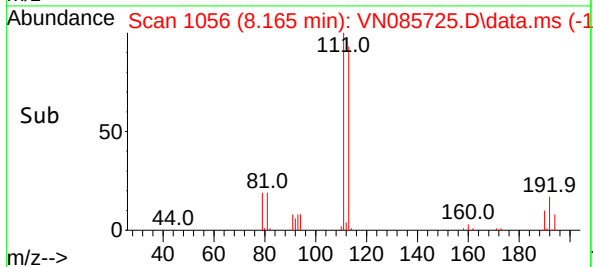
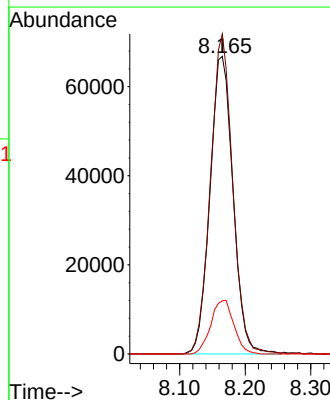
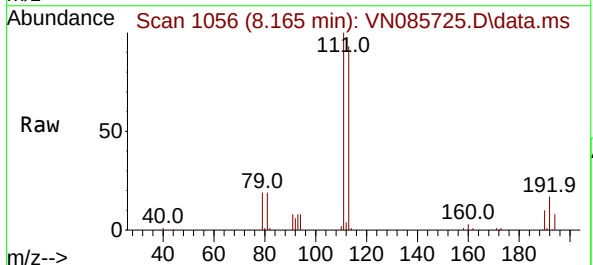
Instrument :
MSVOA_N
ClientSampleId :
IBLK

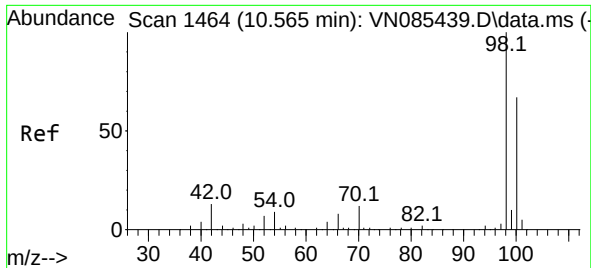
Tgt Ion:114 Resp: 468654
Ion Ratio Lower Upper
114 100
63 19.3 0.0 47.6
88 15.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.135 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion:113 Resp: 163005
Ion Ratio Lower Upper
113 100
111 103.5 82.7 124.1
192 18.0 14.3 21.5

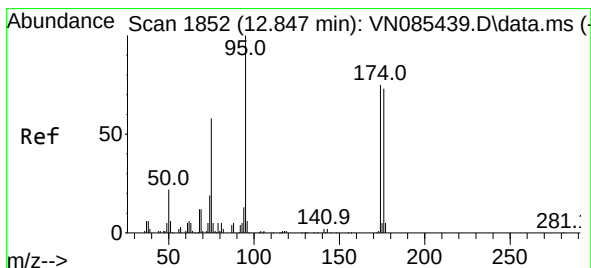
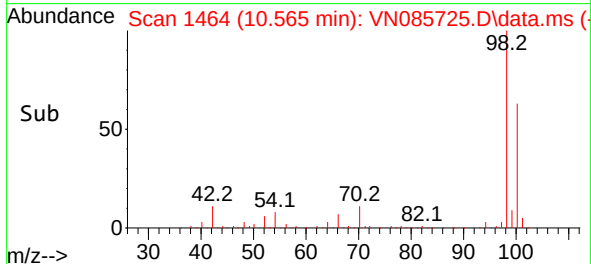
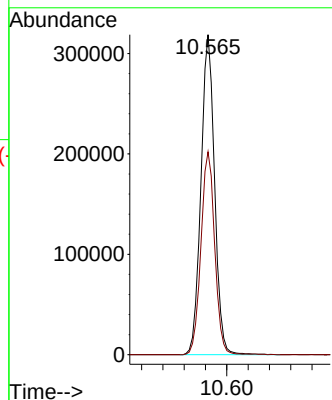
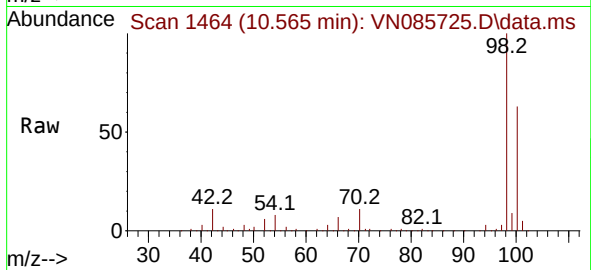




#50
Toluene-d8
Concen: 48.982 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

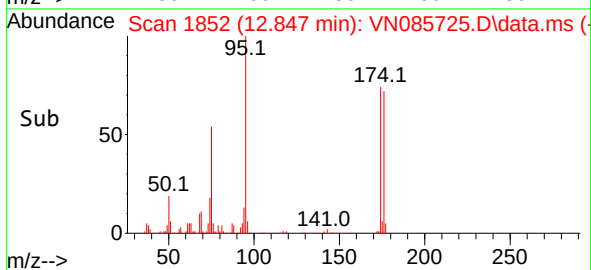
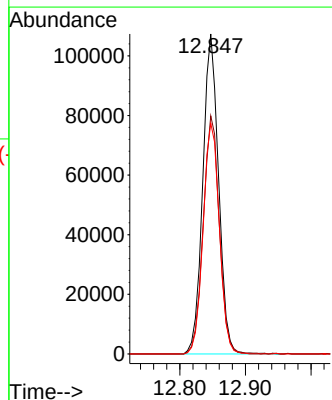
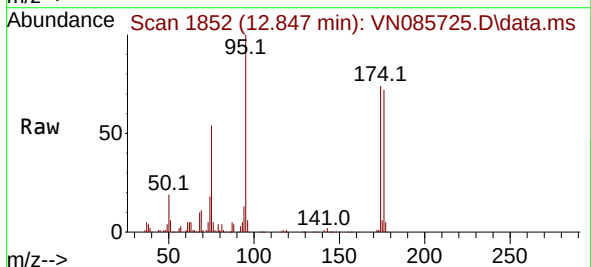
Instrument :
MSVOA_N
ClientSampleId :
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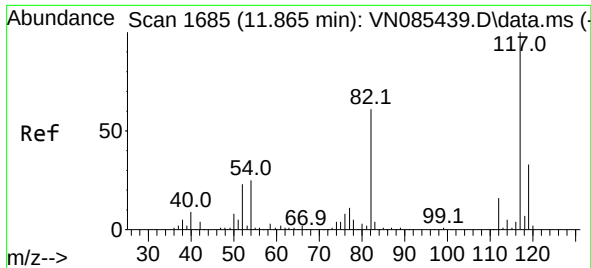
Tgt Ion: 98 Resp: 565834
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 45.502 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion: 95 Resp: 179805
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.0
176 73.9 0.0 142.4

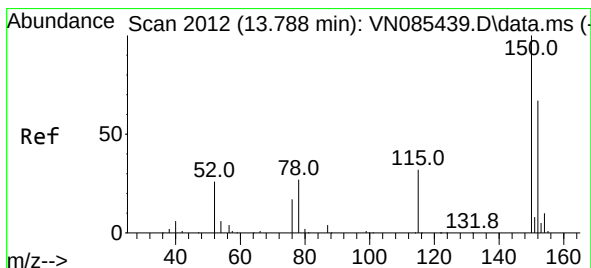
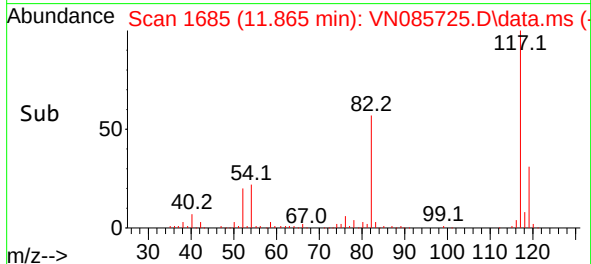
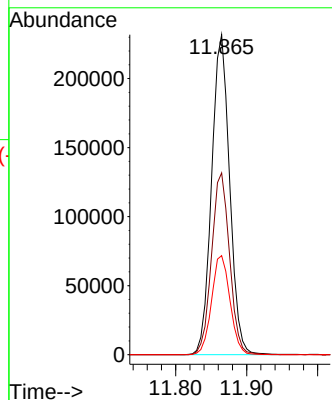
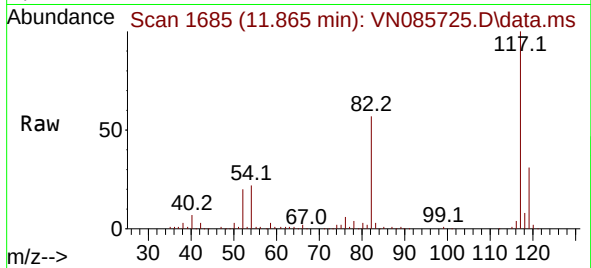




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085725.D
Acq: 10 Feb 2025 15:48

Instrument :
MSVOA_N
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 407707
Ion Ratio Lower Upper
117 100
82 56.8 48.6 72.8
119 30.9 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: VN085725.D
Acq: 10 Feb 2025 15:48

Tgt Ion:152 Resp: 162815
Ion Ratio Lower Upper
152 100
115 60.4 31.1 93.3
150 156.8 0.0 343.6

