

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020725\
 Data File : VN085694.D
 Acq On : 07 Feb 2025 13:26
 Operator : JC\MD
 Sample : VN0207WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0207WBL01

Quant Time: Feb 07 22:29:41 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	213382	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	398447	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	349175	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135868	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	178507	51.825	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	103.640%
35) Dibromofluoromethane	8.165	113	146516	53.004	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.000%
50) Toluene-d8	10.565	98	489841	49.875	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.847	95	147394	43.872	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.740%

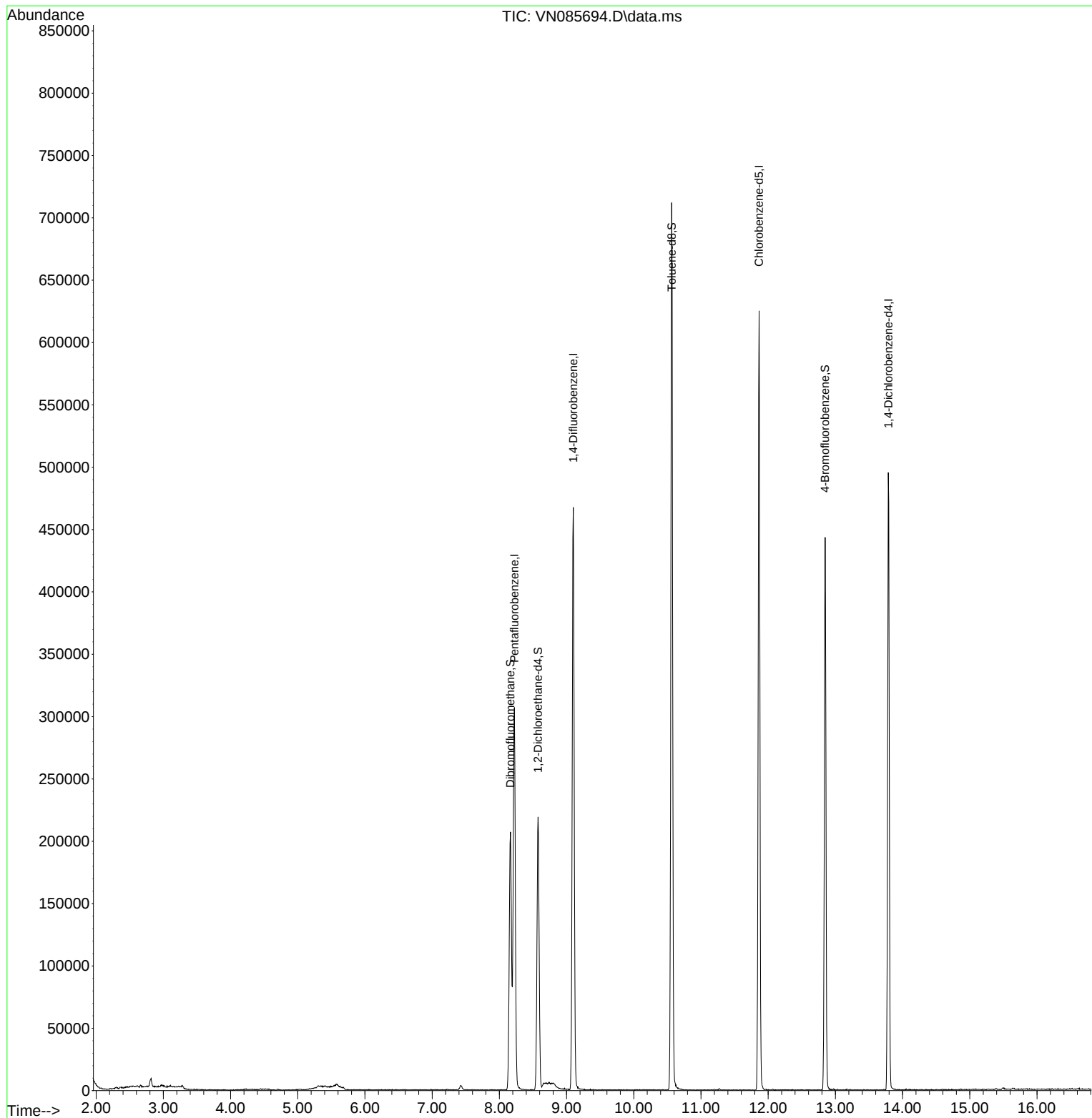
Target Compounds	Qvalue

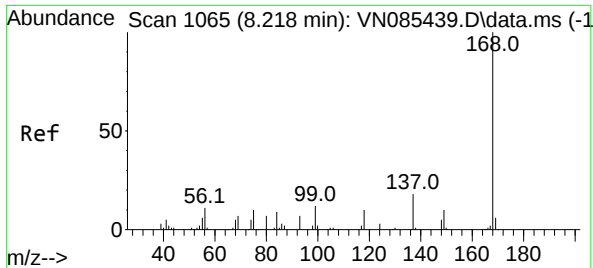
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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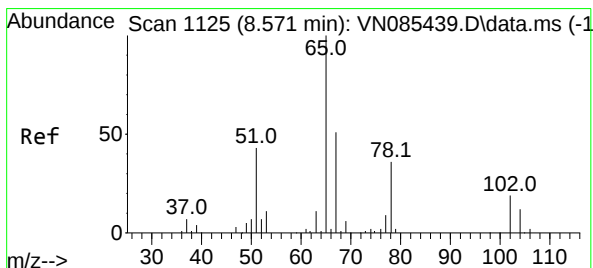
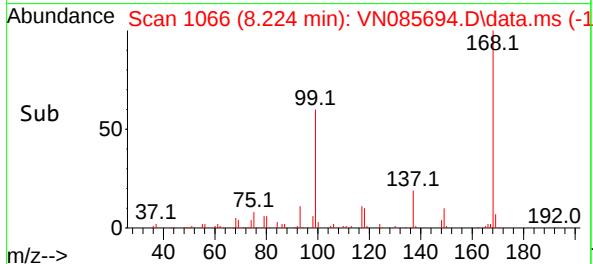
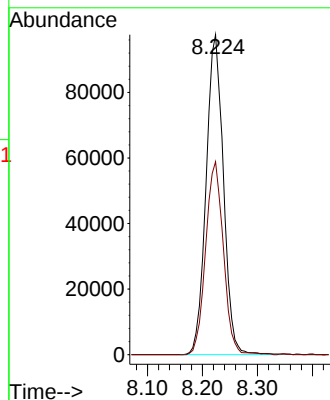
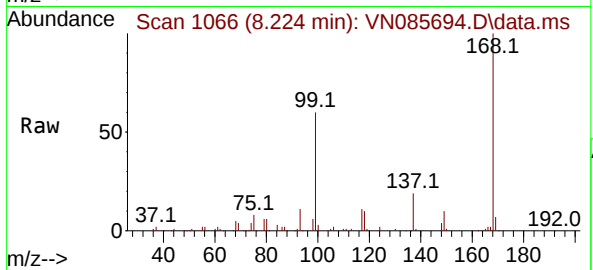




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

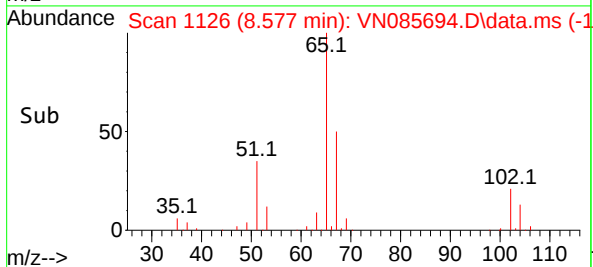
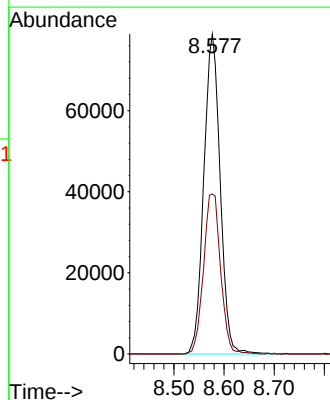
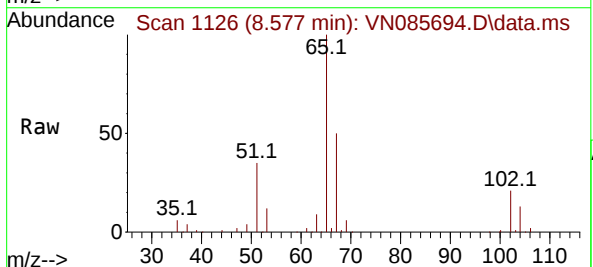
Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

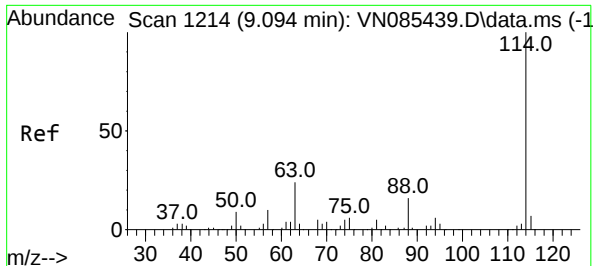
Tgt Ion:168 Resp: 213382
Ion Ratio Lower Upper
168 100
99 60.3 53.6 80.4



#33
1,2-Dichloroethane-d4
Concen: 51.825 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion: 65 Resp: 178507
Ion Ratio Lower Upper
65 100
67 52.2 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: VN085694.D

Acq: 07 Feb 2025 13:26

Instrument :

MSVOA_N

ClientSampleId :

VN0207WBL01

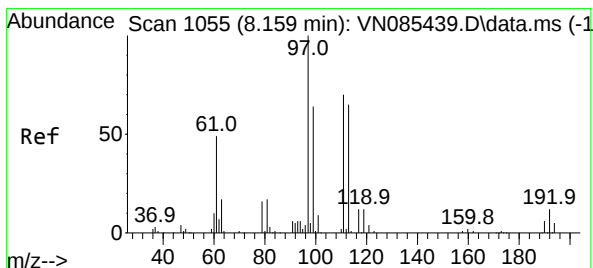
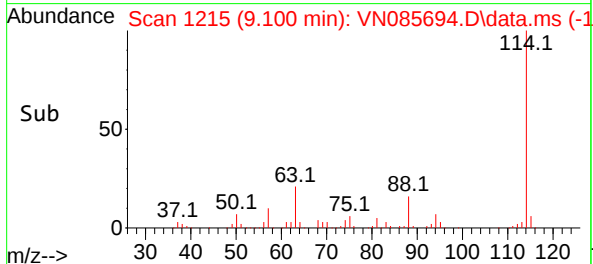
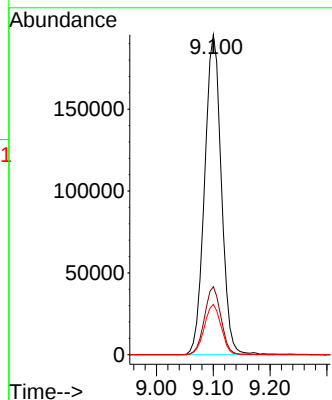
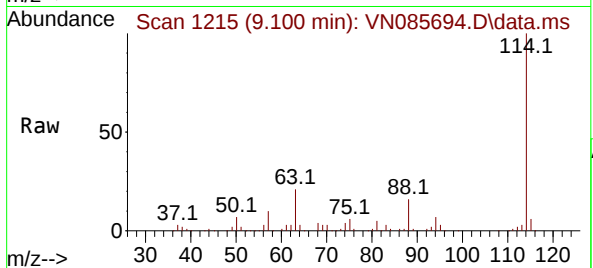
Tgt Ion:114 Resp: 398447

Ion Ratio Lower Upper

114 100

63 21.2 0.0 47.6

88 15.7 0.0 32.6



#35

Dibromofluoromethane

Concen: 53.004 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085694.D

Acq: 07 Feb 2025 13:26

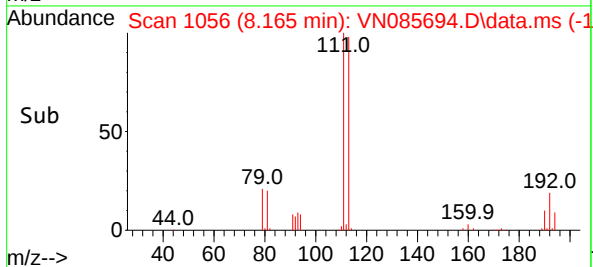
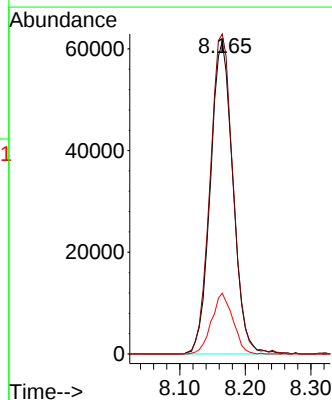
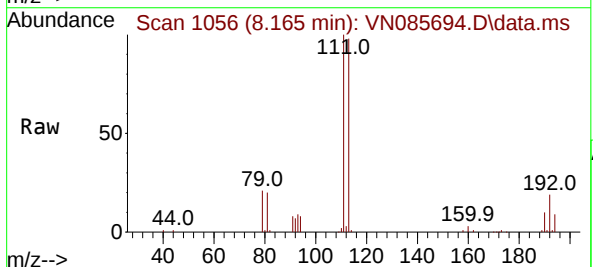
Tgt Ion:113 Resp: 146516

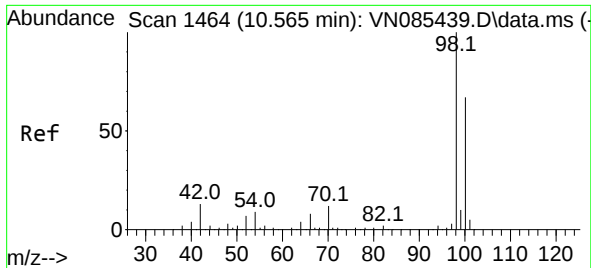
Ion Ratio Lower Upper

113 100

111 104.3 82.7 124.1

192 18.4 14.3 21.5

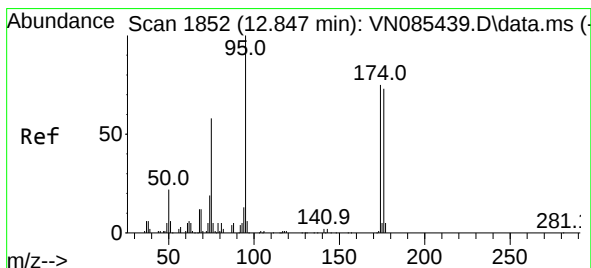
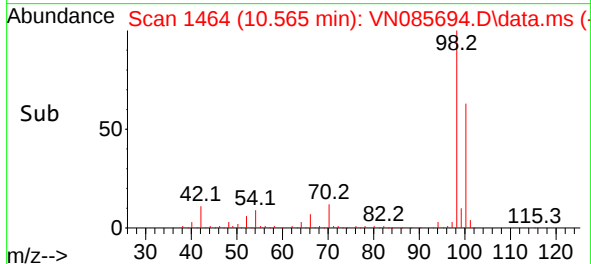
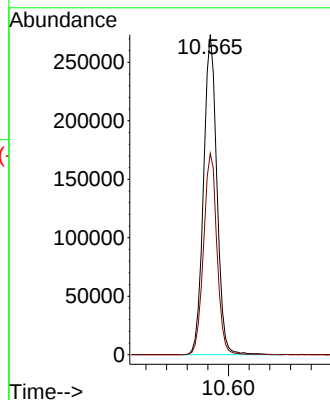
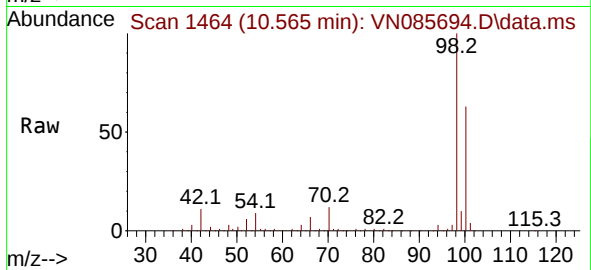




#50
Toluene-d8
Concen: 49.875 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

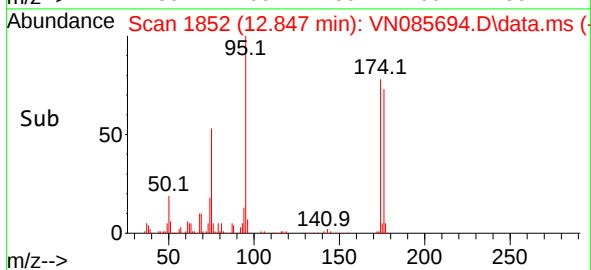
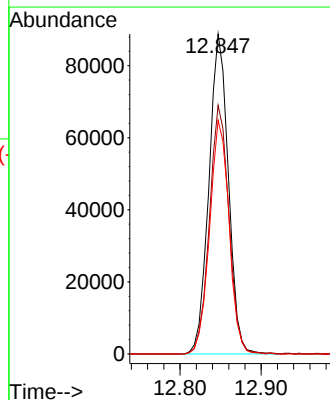
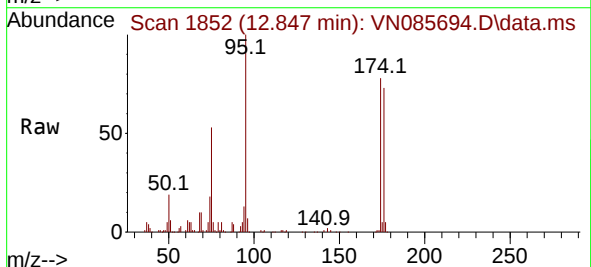
Instrument :
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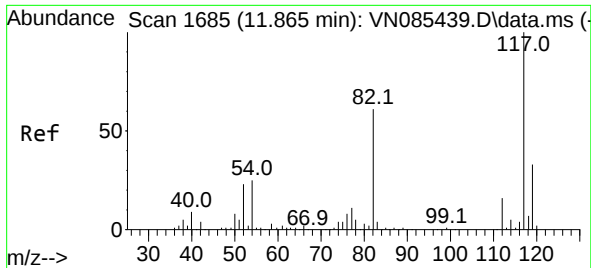
Tgt Ion: 98 Resp: 489841
Ion Ratio Lower Upper
98 100
100 63.0 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 43.872 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion: 95 Resp: 147394
Ion Ratio Lower Upper
95 100
174 78.3 0.0 145.0
176 73.2 0.0 142.4

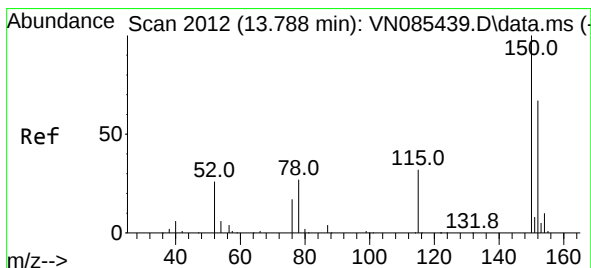
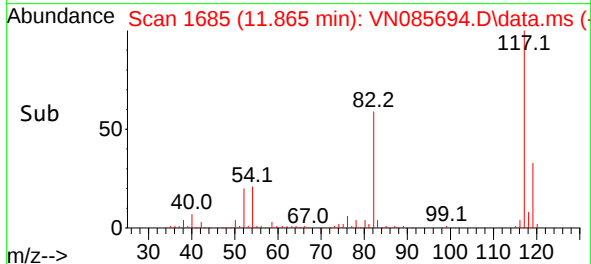
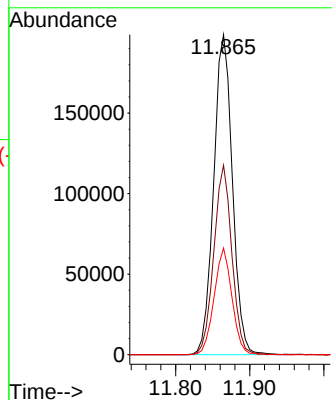
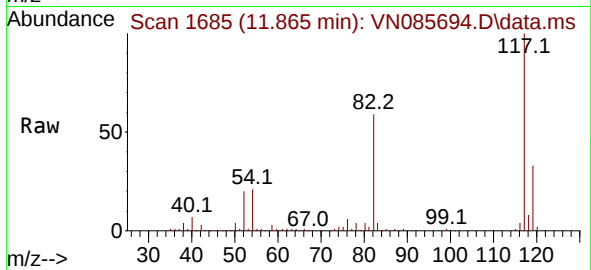




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085694.D
Acq: 07 Feb 2025 13:26

Instrument :
MSVOA_N
ClientSampleId :
VN0207WBL01

Tgt Ion:117 Resp: 349175
Ion Ratio Lower Upper
117 100
82 59.2 48.6 72.8
119 33.3 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: VN085694.D
Acq: 07 Feb 2025 13:26

Tgt Ion:152 Resp: 135868
Ion Ratio Lower Upper
152 100
115 60.7 31.1 93.3
150 156.3 0.0 343.6

