

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040225\
 Data File : VN086202.D
 Acq On : 02 Apr 2025 12:22
 Operator : JC\MD
 Sample : VN0402MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0402MBL01

Quant Time: Apr 03 01:34:21 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	128313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	211208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	195780	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	90467	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	89150	50.739	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.480%
35) Dibromofluoromethane	8.165	113	70457	47.793	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.580%
50) Toluene-d8	10.565	98	259170	48.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.847	95	95117	49.849	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.700%

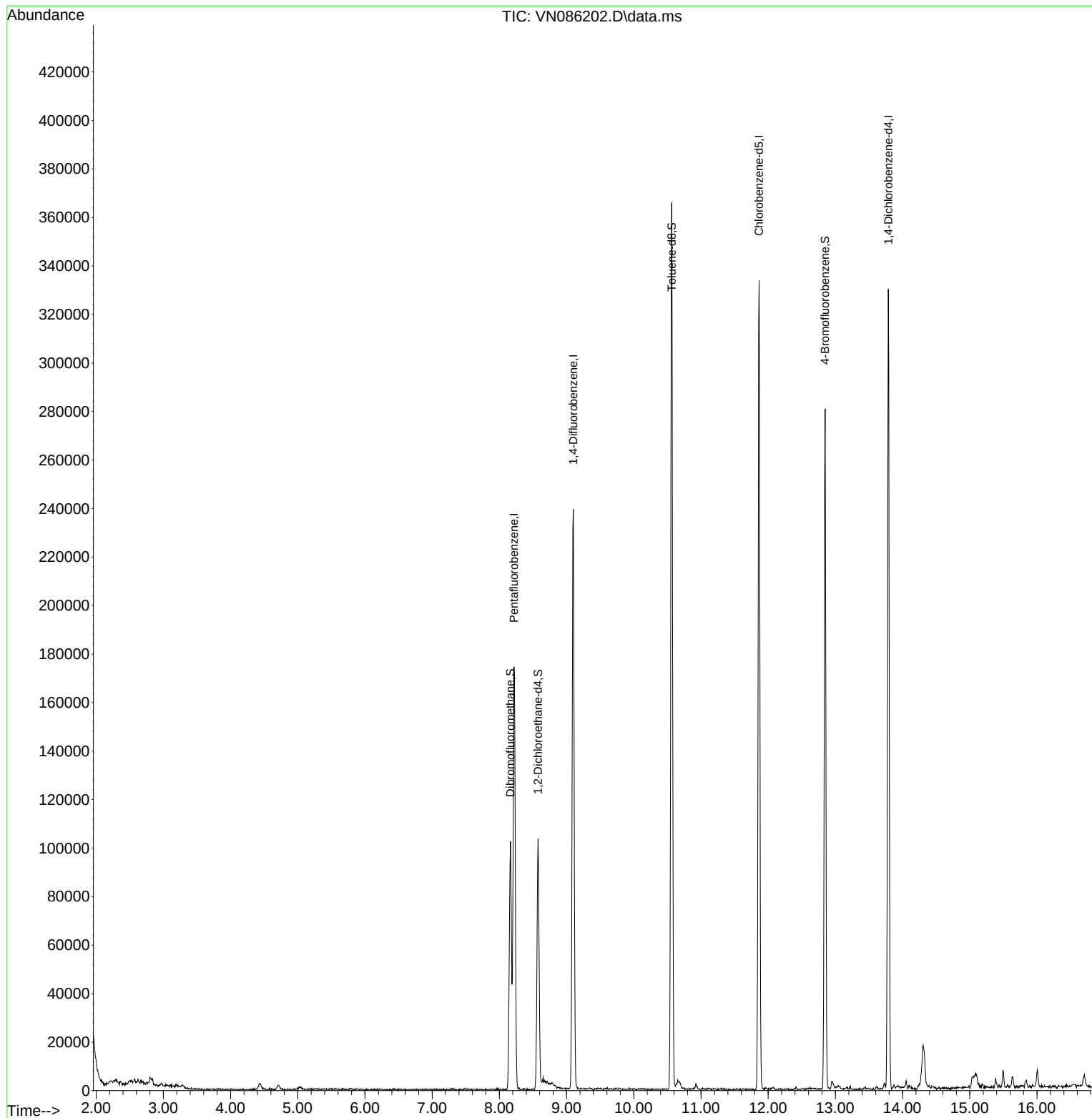
Target Compounds	Qvalue

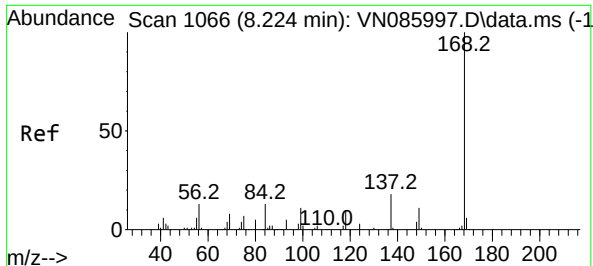
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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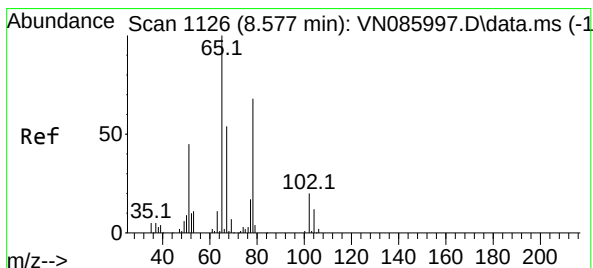
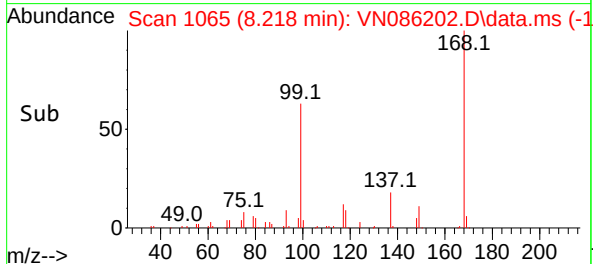
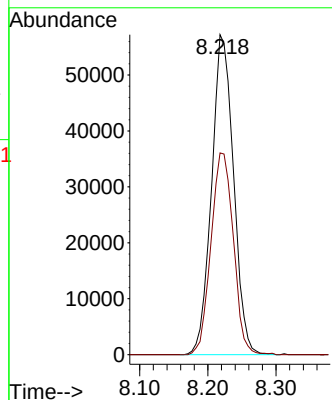
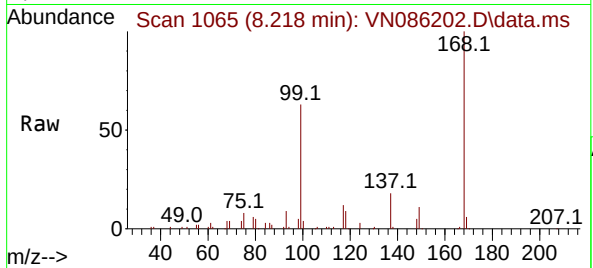




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

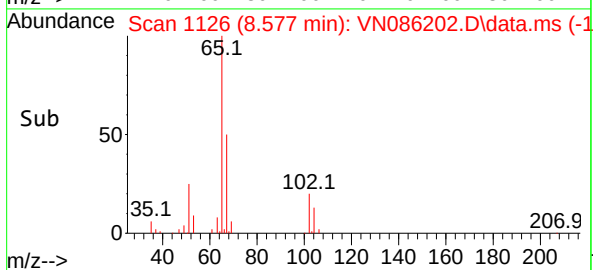
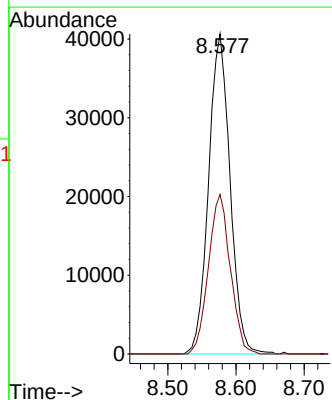
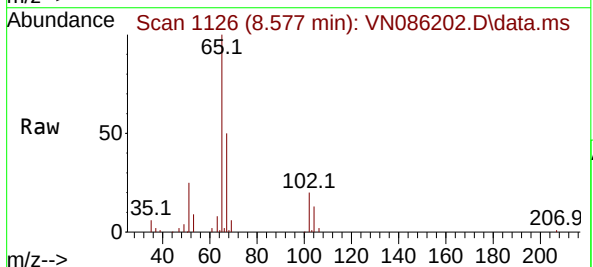
Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

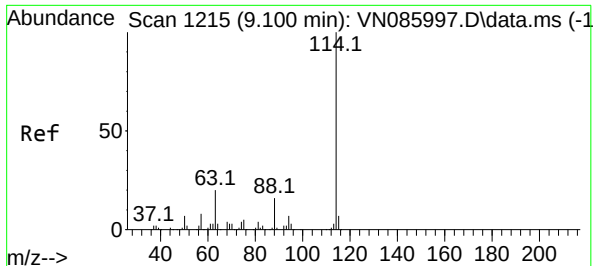
Tgt Ion:168 Resp: 128313
Ion Ratio Lower Upper
168 100
99 63.1 49.4 74.2



#33
1,2-Dichloroethane-d4
Concen: 50.739 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

Tgt Ion: 65 Resp: 89150
Ion Ratio Lower Upper
65 100
67 50.7 0.0 102.2

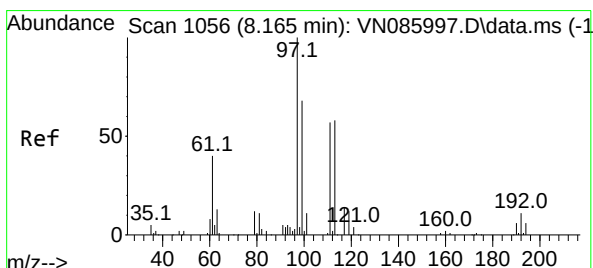
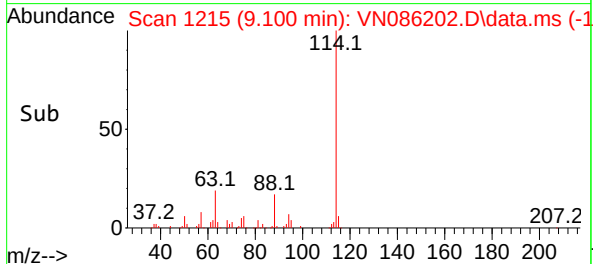
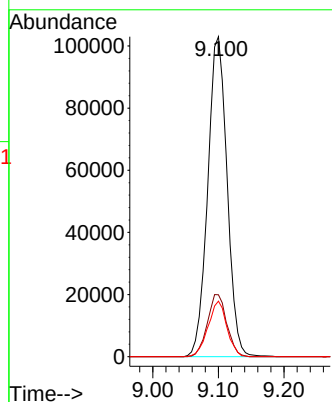
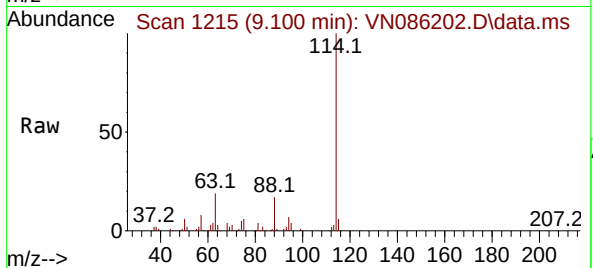




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

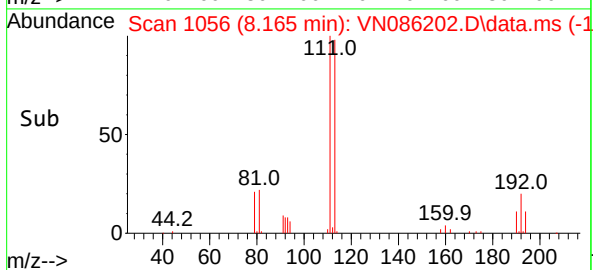
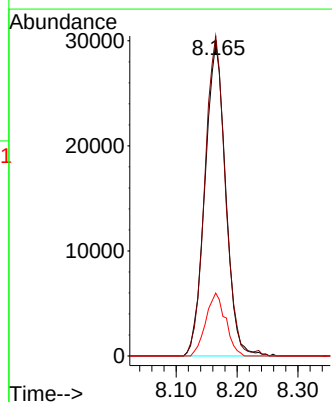
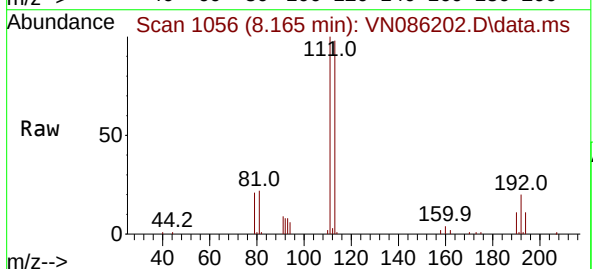
Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

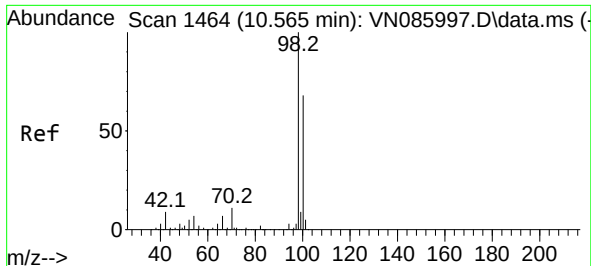
Tgt Ion:114 Resp: 211208
Ion Ratio Lower Upper
114 100
63 19.3 0.0 39.6
88 17.4 0.0 32.6



#35
Dibromofluoromethane
Concen: 47.793 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

Tgt Ion:113 Resp: 70457
Ion Ratio Lower Upper
113 100
111 100.5 81.8 122.8
192 19.2 15.9 23.9

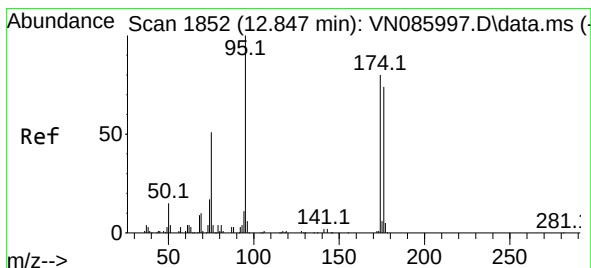
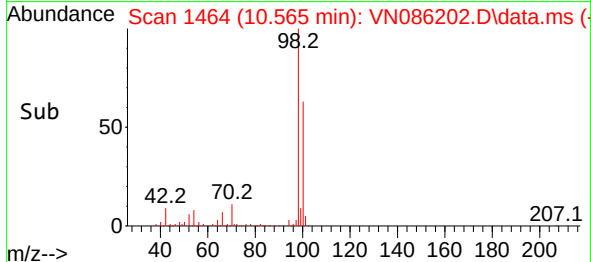
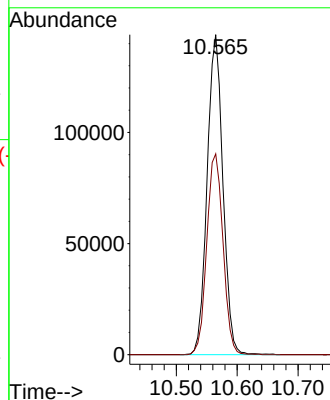
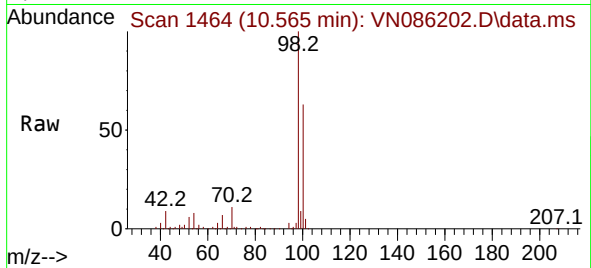




#50
Toluene-d8
Concen: 48.440 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

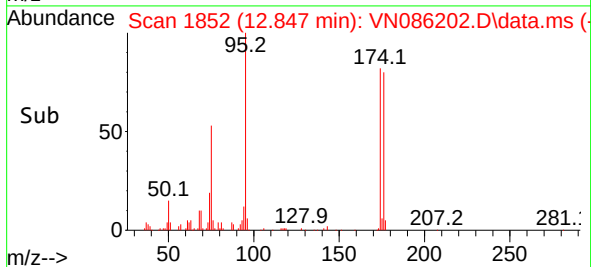
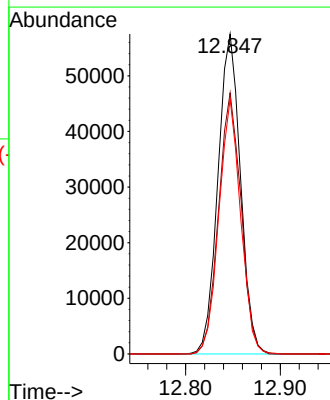
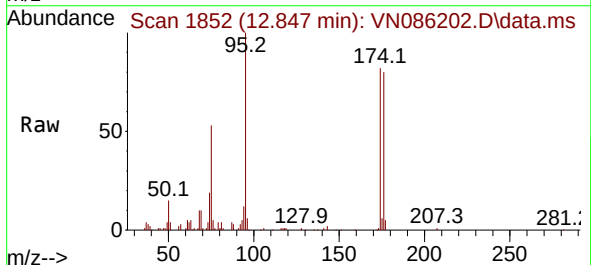
Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

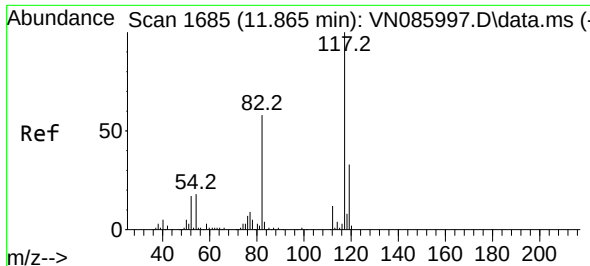
Tgt Ion: 98 Resp: 259170
Ion Ratio Lower Upper
98 100
100 64.5 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 49.849 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

Tgt Ion: 95 Resp: 95117
Ion Ratio Lower Upper
95 100
174 81.2 0.0 156.8
176 76.9 0.0 152.2

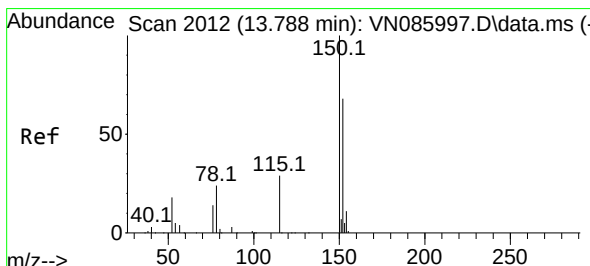
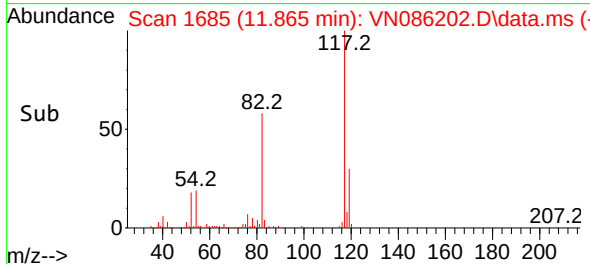
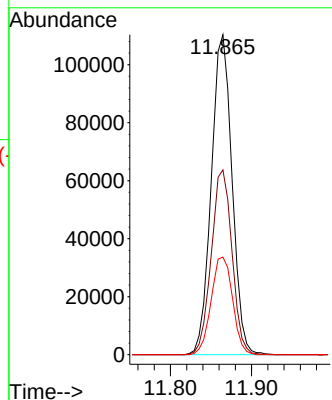
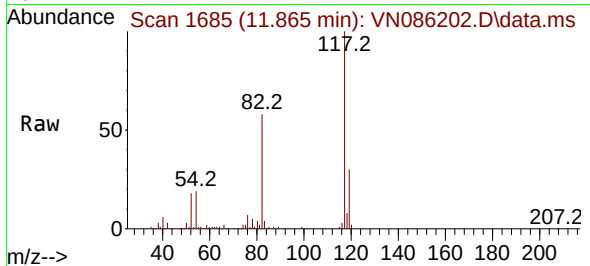




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

Instrument :
MSVOA_N
ClientSampleId :
VN0402MBL01

Tgt Ion:117 Resp: 195780
Ion Ratio Lower Upper
117 100
82 57.8 46.7 70.1
119 30.5 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086202.D
Acq: 02 Apr 2025 12:22

Tgt Ion:152 Resp: 90467
Ion Ratio Lower Upper
152 100
115 63.5 31.1 93.2
150 157.8 0.0 359.6

