

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051925\
 Data File : VN086680.D
 Acq On : 19 May 2025 11:16
 Operator : JC\MD
 Sample : VN0519WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0519WBL02

Quant Time: May 20 03:14:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	215133	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	405450	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	387236	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	160604	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145518	48.951	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.900%
35) Dibromofluoromethane	8.165	113	123521	51.155	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.320%
50) Toluene-d8	10.565	98	521575	52.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.240%
62) 4-Bromofluorobenzene	12.847	95	180514	51.091	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.180%

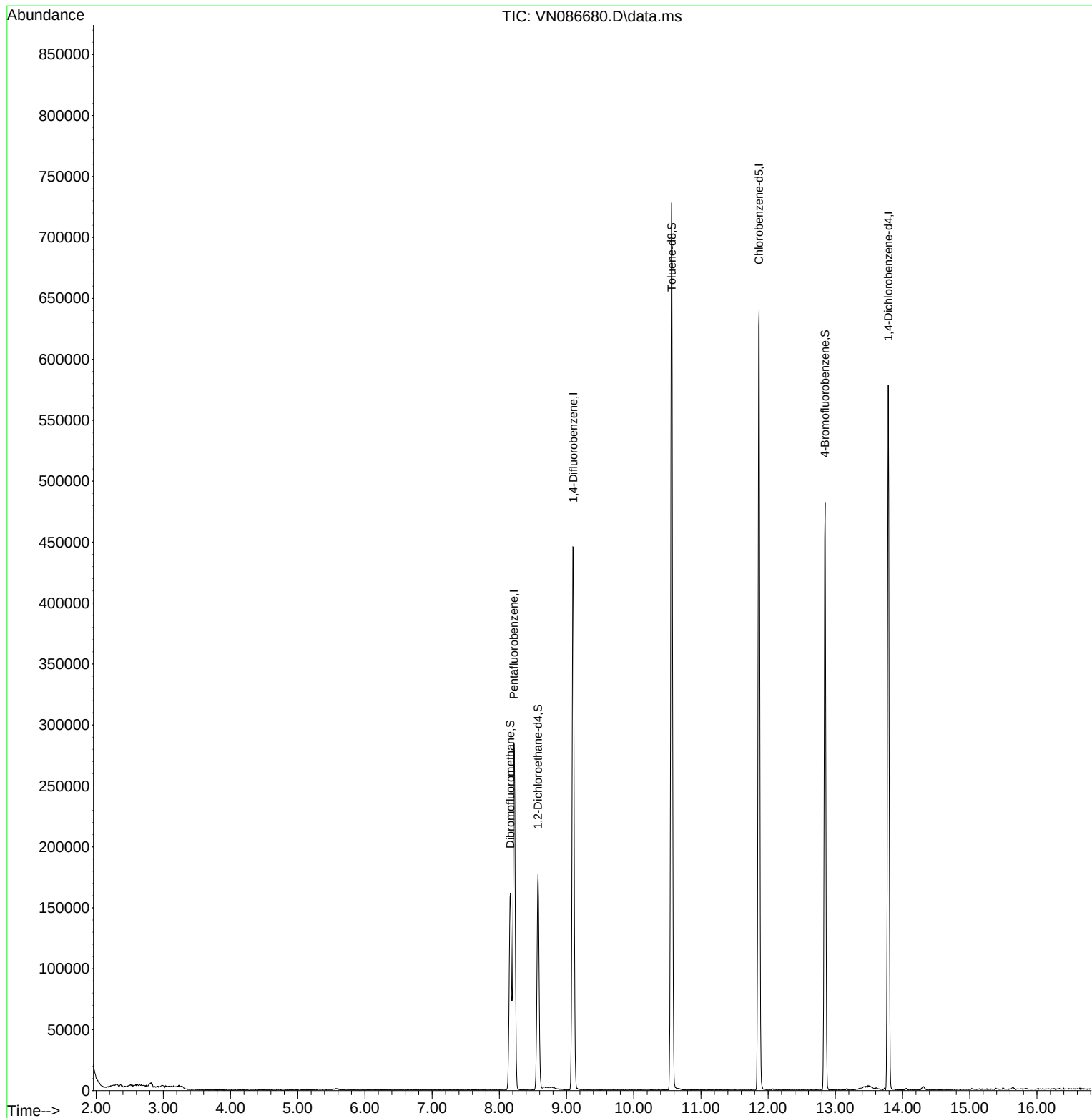
Target Compounds	Qvalue

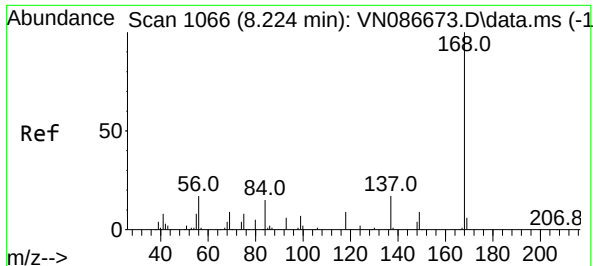
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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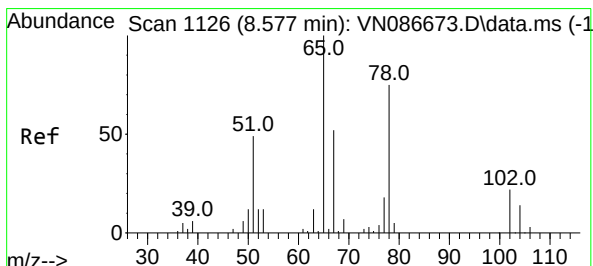
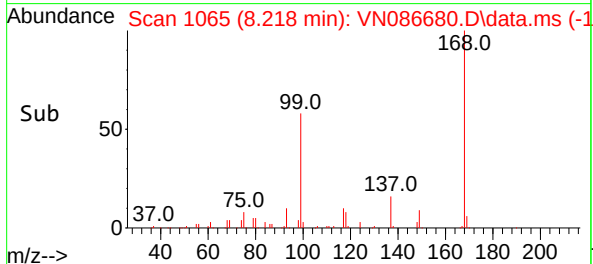
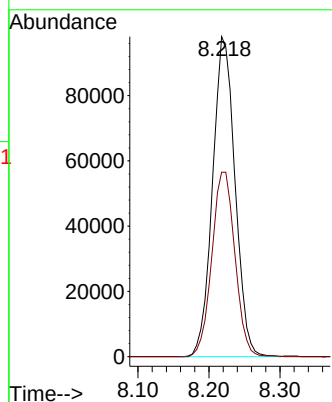
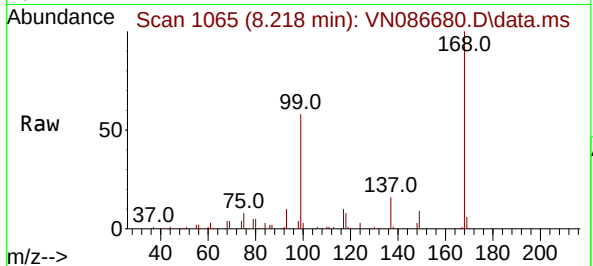




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

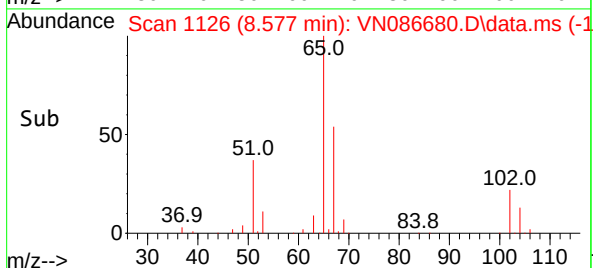
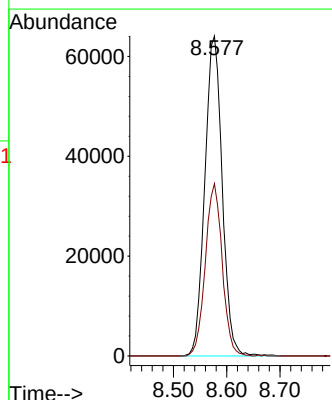
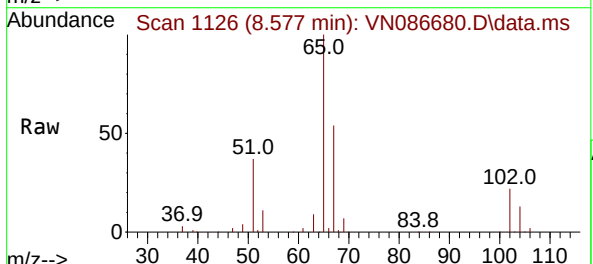
Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL02

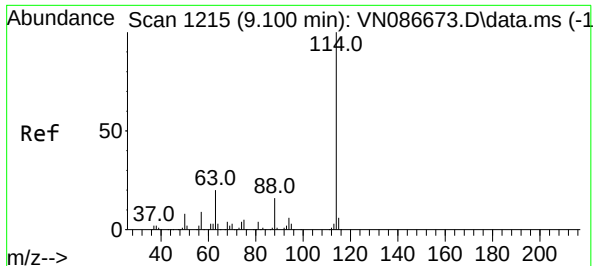
Tgt Ion:168 Resp: 215133
Ion Ratio Lower Upper
168 100
99 57.7 47.0 70.4



#33
1,2-Dichloroethane-d4
Concen: 48.951 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

Tgt Ion: 65 Resp: 145518
Ion Ratio Lower Upper
65 100
67 52.4 0.0 106.4

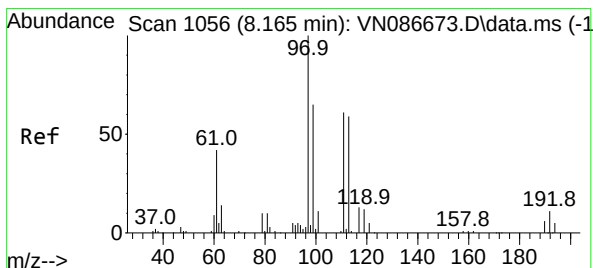
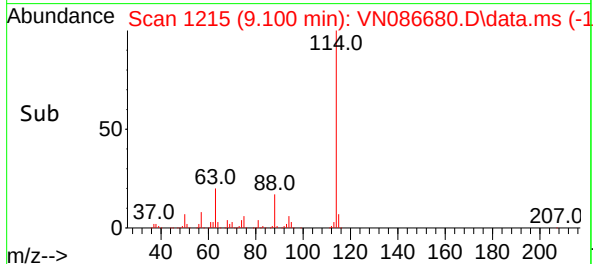
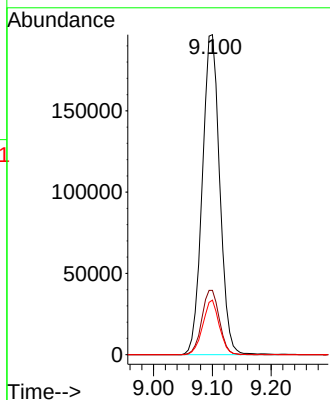
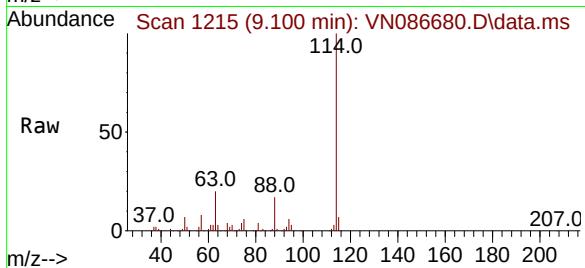




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

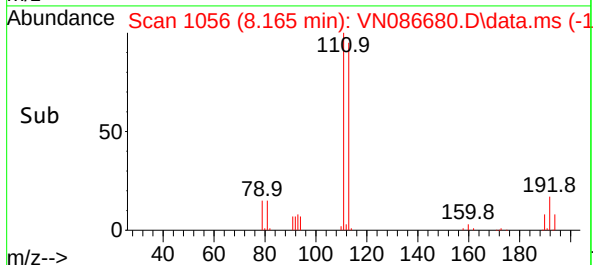
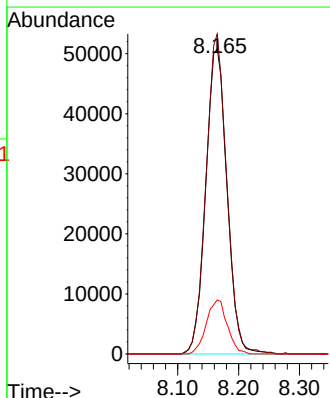
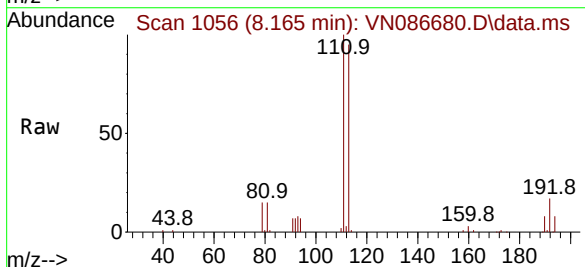
Instrument :
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ClientSampleId :
VN0519WBL02

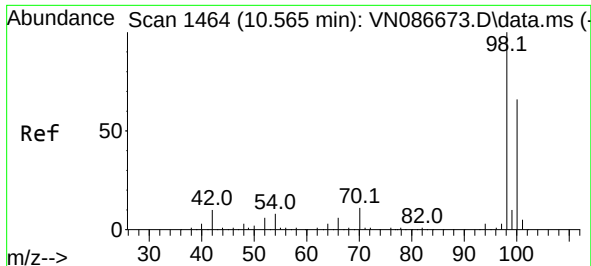
Tgt Ion:114 Resp: 405450
Ion Ratio Lower Upper
114 100
63 20.1 0.0 40.2
88 17.0 0.0 31.2



#35
Dibromofluoromethane
Concen: 51.155 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

Tgt Ion:113 Resp: 123521
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.2
192 17.4 13.8 20.8

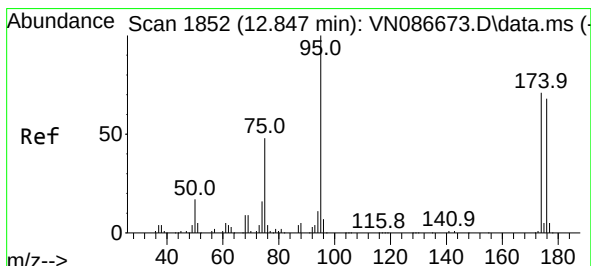
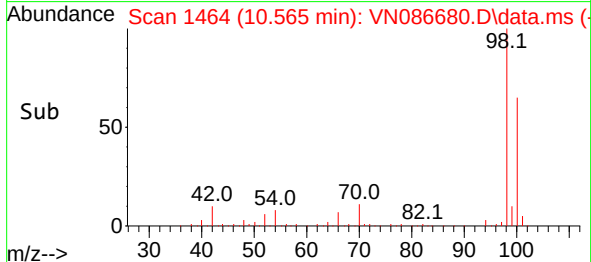
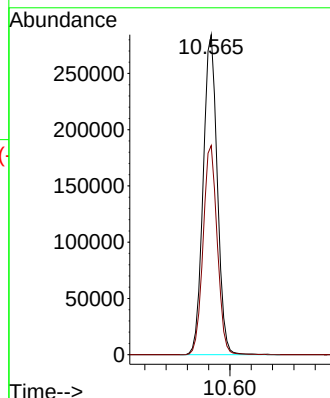
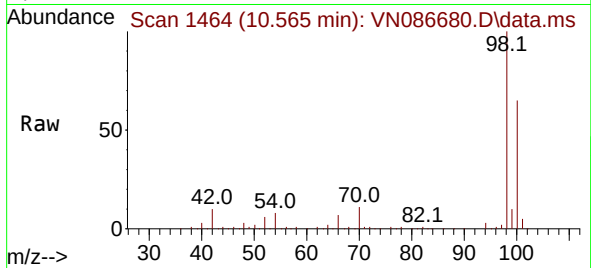




#50
Toluene-d8
Concen: 52.125 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

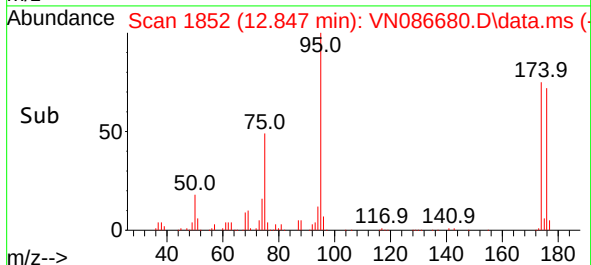
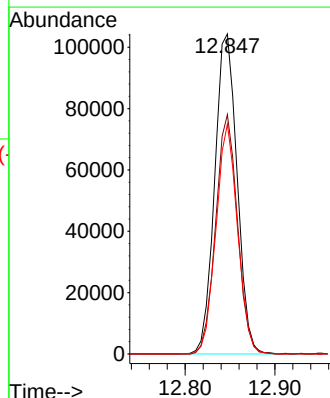
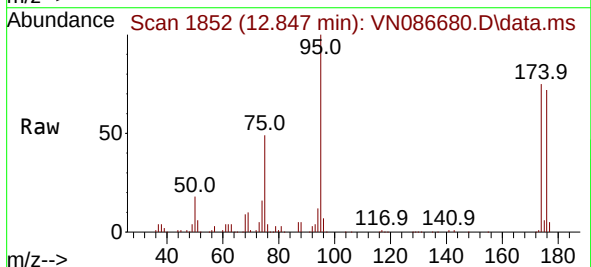
Instrument :
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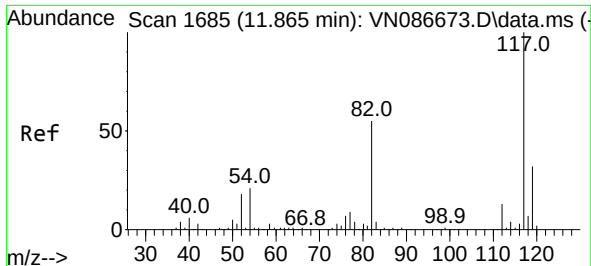
Tgt Ion: 98 Resp: 521575
Ion Ratio Lower Upper
98 100
100 65.5 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 51.091 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

Tgt Ion: 95 Resp: 180514
Ion Ratio Lower Upper
95 100
174 72.8 0.0 145.4
176 69.2 0.0 137.8

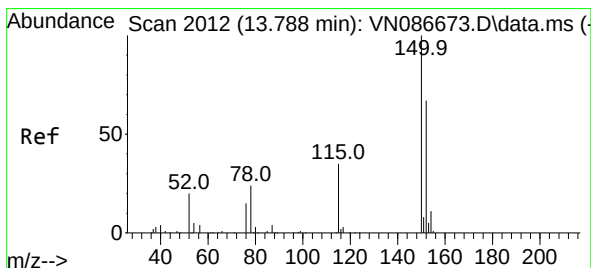
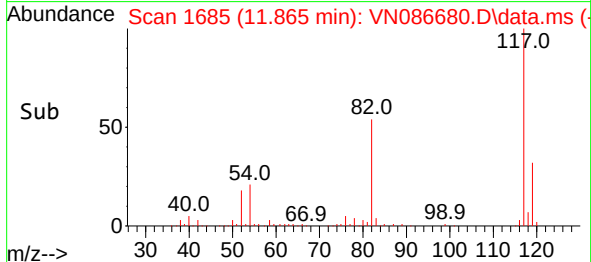
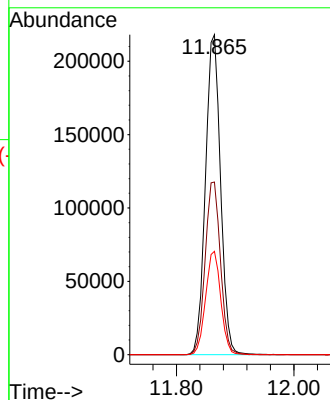
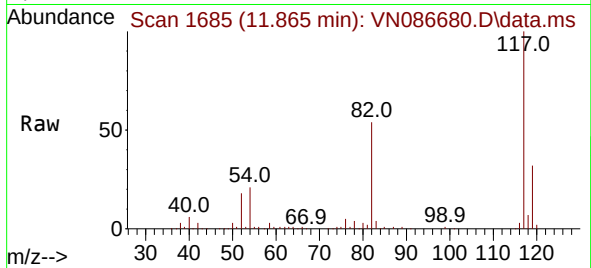




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

Instrument :
MSVOA_N
ClientSampleId :
VN0519WBL02

Tgt Ion:117 Resp: 387236
Ion Ratio Lower Upper
117 100
82 53.9 44.2 66.2
119 32.3 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086680.D
Acq: 19 May 2025 11:16

Tgt Ion:152 Resp: 160604
Ion Ratio Lower Upper
152 100
115 60.0 30.0 90.1
150 157.9 0.0 347.8

