

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061925\
 Data File : VN087101.D
 Acq On : 19 Jun 2025 10:05
 Operator : JC\MD
 Sample : VN0619MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0619MBL01

Quant Time: Jun 20 01:20:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	169568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	345417	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	312145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141834	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	129110	56.868	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	113.740%
35) Dibromofluoromethane	8.171	113	109530	53.507	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.020%
50) Toluene-d8	10.571	98	431511	53.249	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.500%
62) 4-Bromofluorobenzene	12.847	95	146587	48.688	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.380%

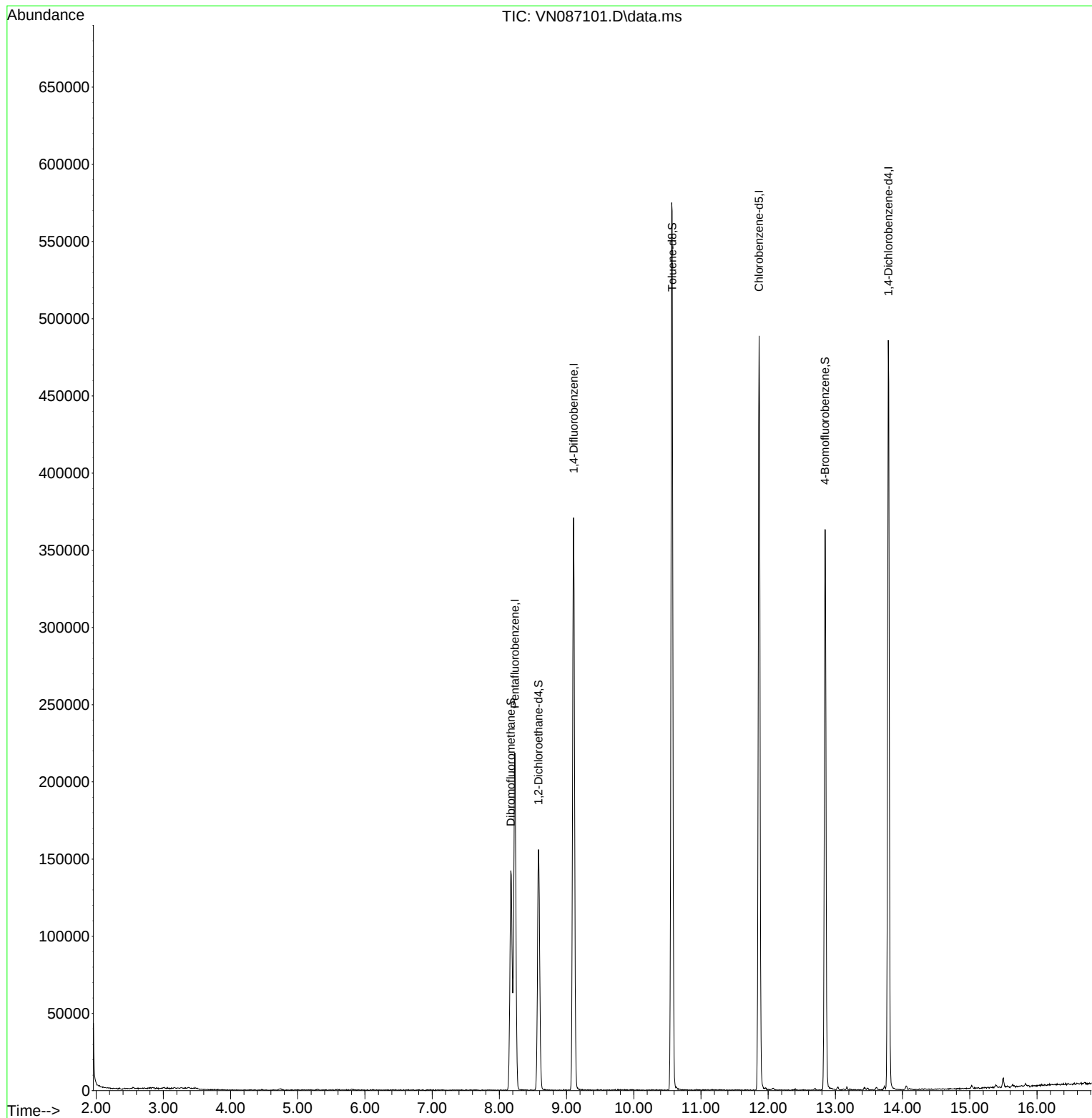
Target Compounds	Qvalue

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

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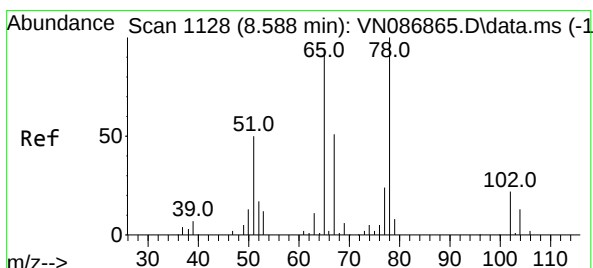
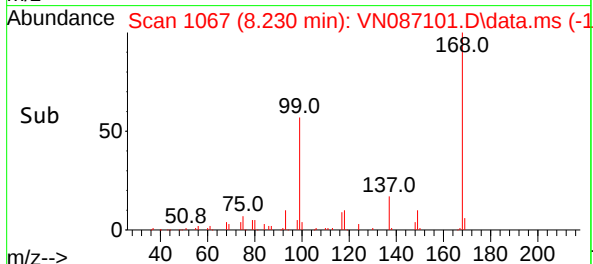
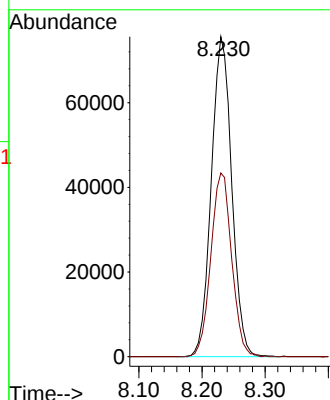
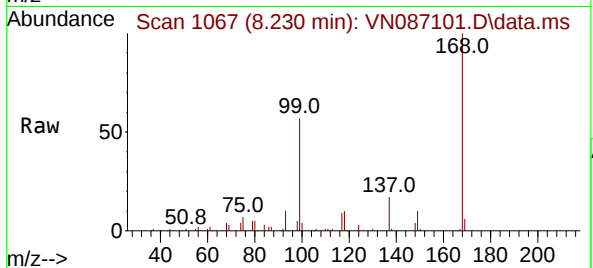




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

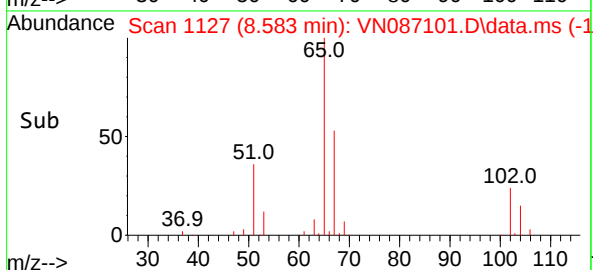
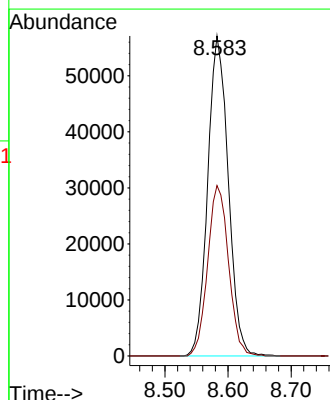
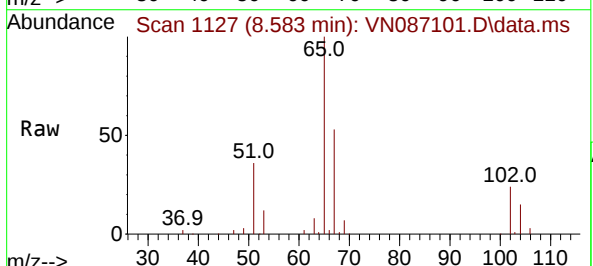
Instrument :
MSVOA_N
ClientSampleId :
VN0619MBL01

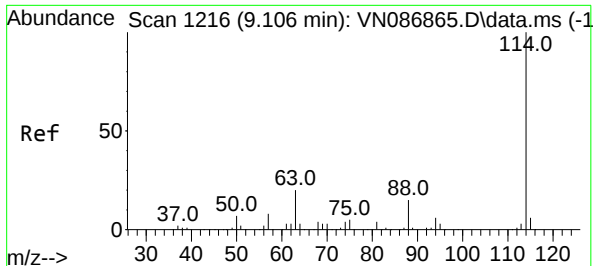
Tgt Ion:168 Resp: 169568
Ion Ratio Lower Upper
168 100
99 57.4 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 56.868 ug/l
RT: 8.583 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

Tgt Ion: 65 Resp: 129110
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.6

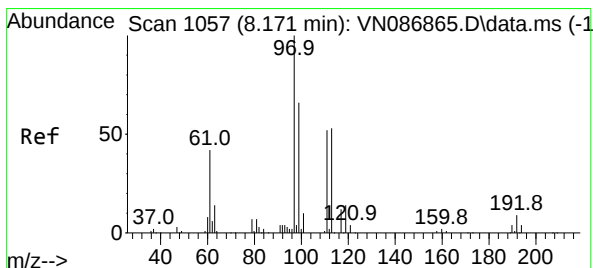
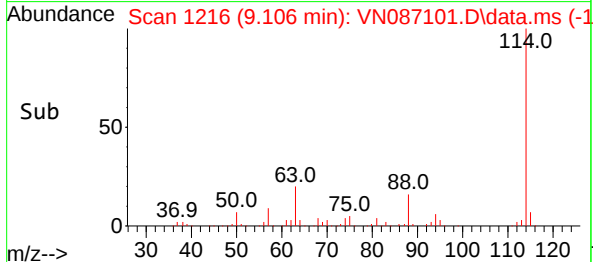
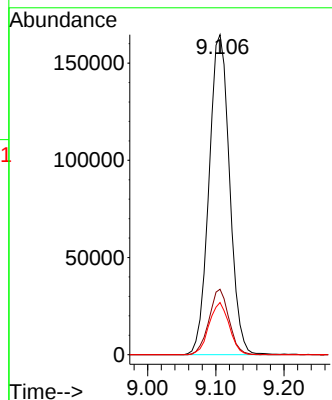
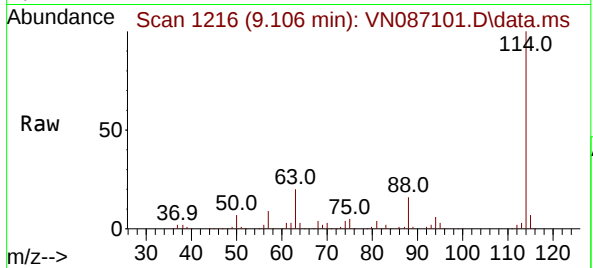




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

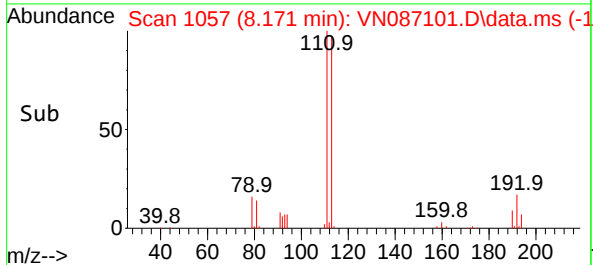
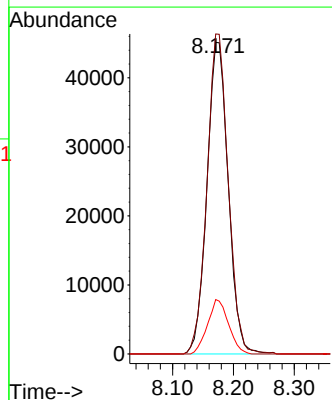
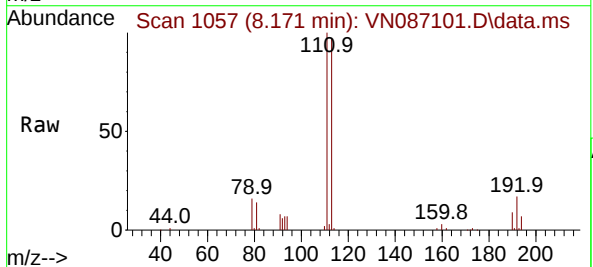
Instrument :
MSVOA_N
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VN0619MBL01

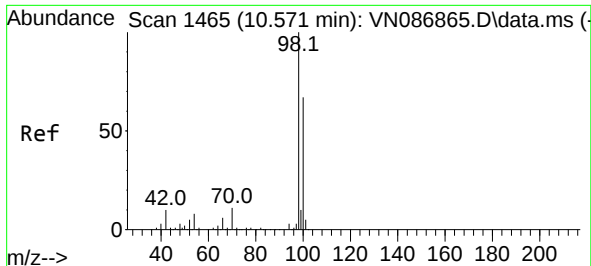
Tgt Ion:114 Resp: 345417
Ion Ratio Lower Upper
114 100
63 20.4 0.0 39.6
88 16.3 0.0 30.2



#35
Dibromofluoromethane
Concen: 53.507 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

Tgt Ion:113 Resp: 109530
Ion Ratio Lower Upper
113 100
111 102.4 84.2 126.2
192 17.2 14.2 21.4

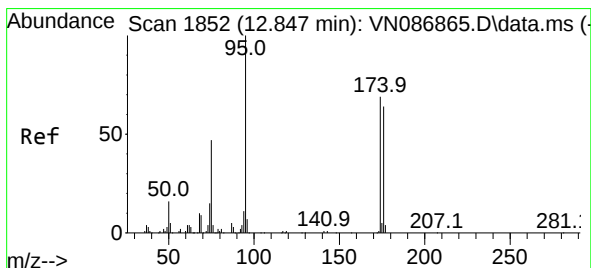
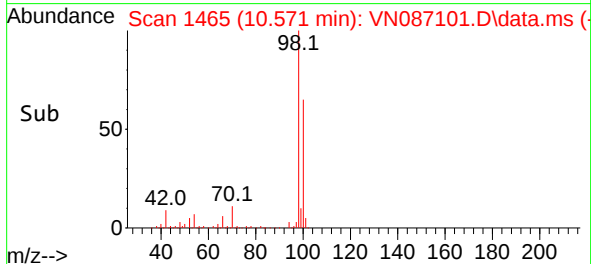
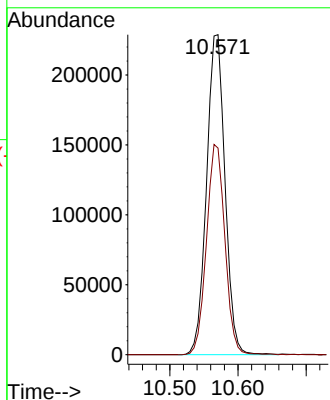
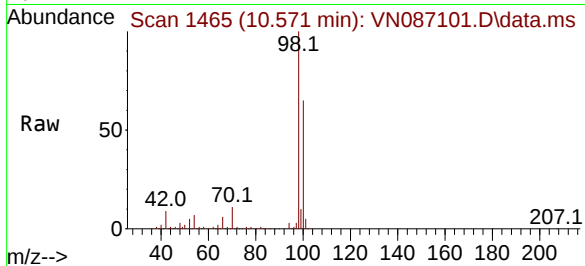




#50
Toluene-d8
Concen: 53.249 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

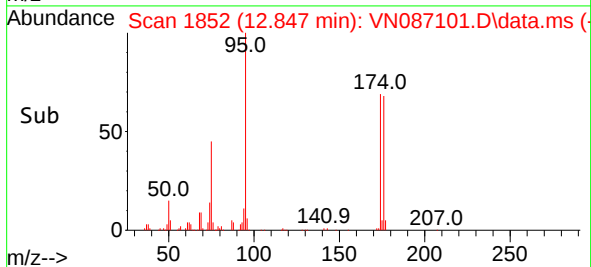
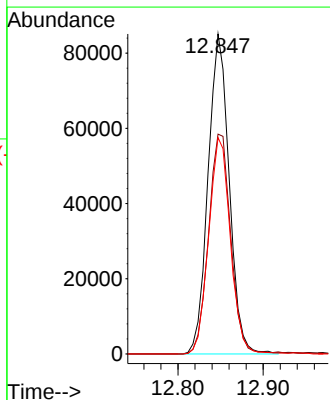
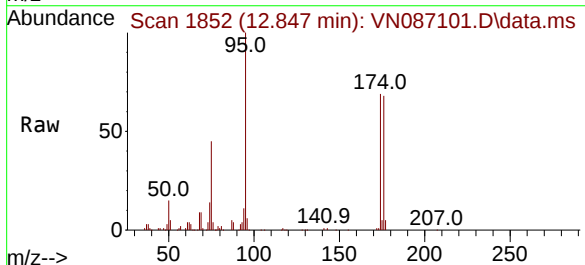
Instrument :
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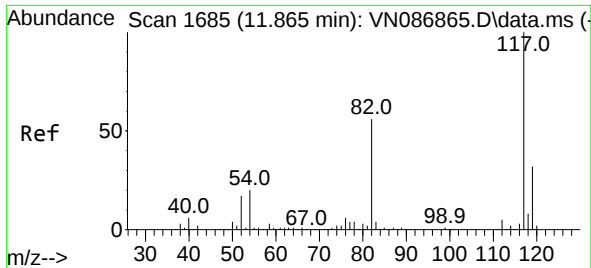
Tgt Ion: 98 Resp: 431511
Ion Ratio Lower Upper
98 100
100 65.5 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 48.688 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

Tgt Ion: 95 Resp: 146587
Ion Ratio Lower Upper
95 100
174 72.3 0.0 141.8
176 69.5 0.0 132.6

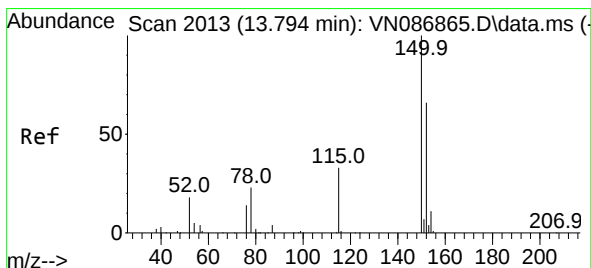
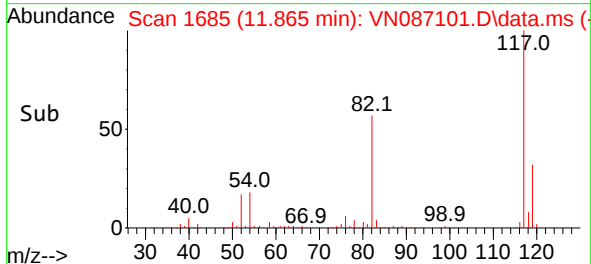
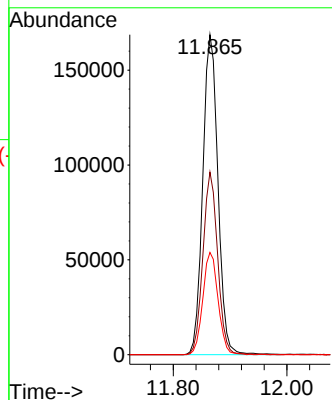
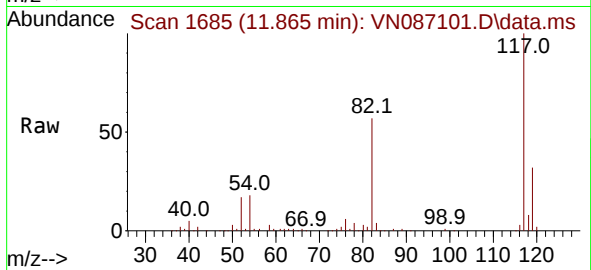




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

Instrument :
MSVOA_N
ClientSampleId :
VN0619MBL01

Tgt Ion:117 Resp: 312145
Ion Ratio Lower Upper
117 100
82 57.1 44.6 67.0
119 32.0 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN087101.D
Acq: 19 Jun 2025 10:05

Tgt Ion:152 Resp: 141834
Ion Ratio Lower Upper
152 100
115 61.9 30.1 90.5
150 159.7 0.0 345.0

