

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061725\
 Data File : VN087047.D
 Acq On : 17 Jun 2025 10:20
 Operator : JC\MD
 Sample : VN0617WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0617WBL01

Quant Time: Jun 18 01:43:00 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	8.229	168	200915	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	403651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	368689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	170553	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	148580	55.234	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.460%
35) Dibromofluoromethane	8.177	113	126383	52.833	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.660%
50) Toluene-d8	10.565	98	504769	53.303	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	106.600%
62) 4-Bromofluorobenzene	12.847	95	176121	50.058	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.120%

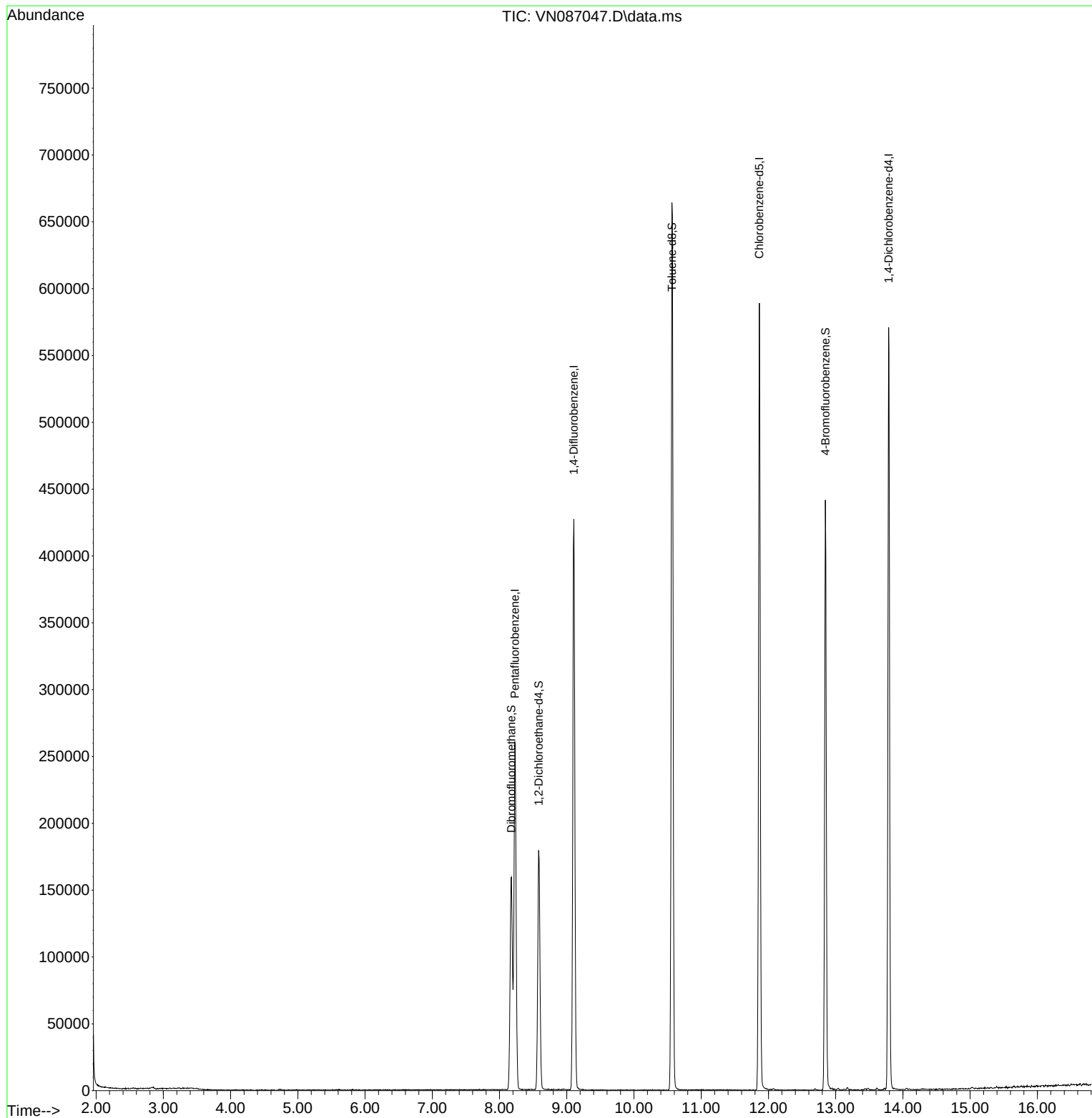
Target Compounds	Qvalue

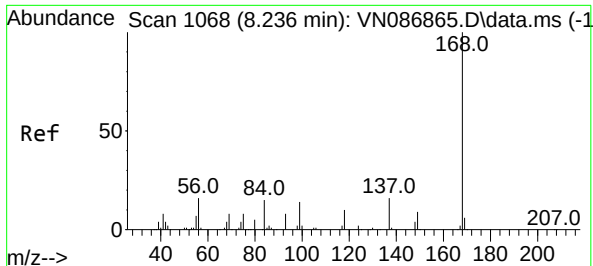
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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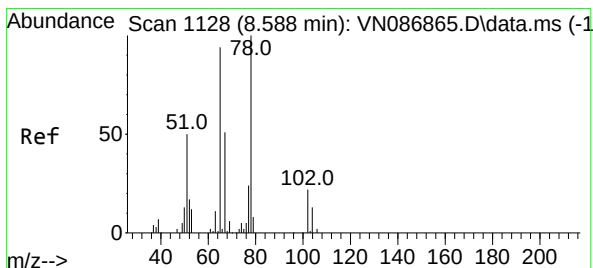
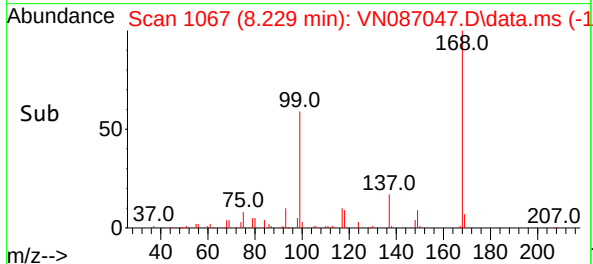
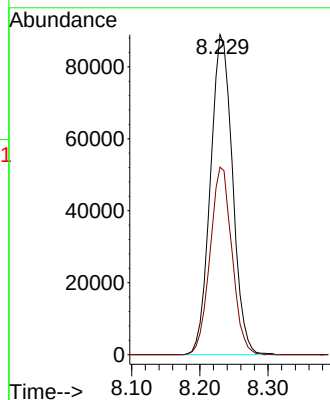
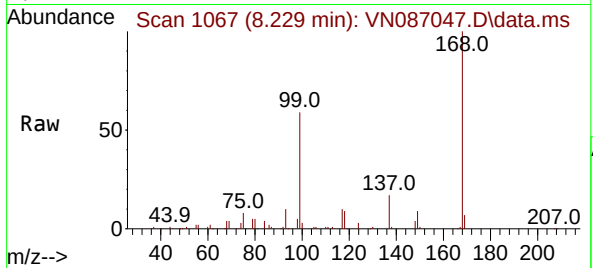




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

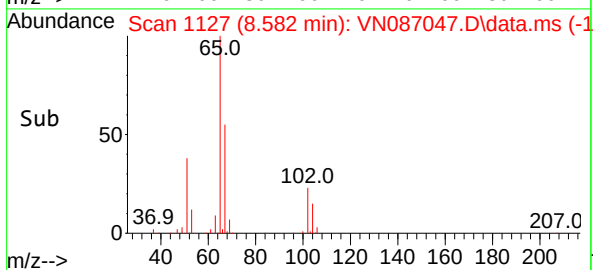
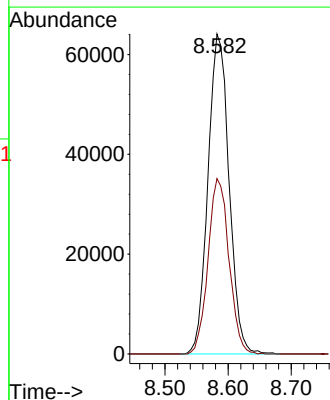
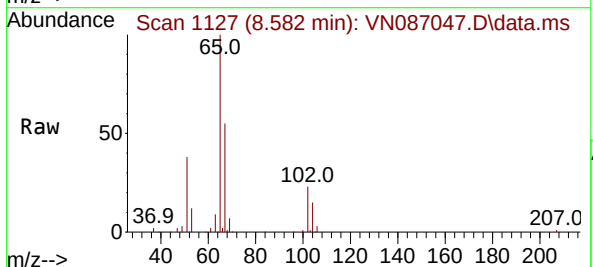
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

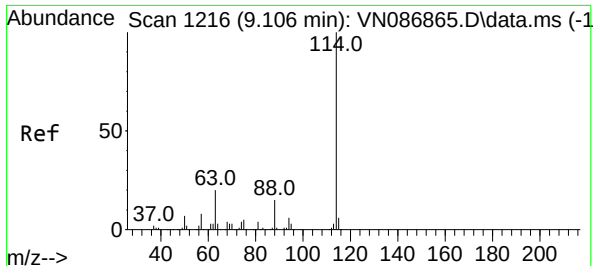
Tgt Ion:168 Resp: 200915
Ion Ratio Lower Upper
168 100
99 58.6 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 55.234 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion: 65 Resp: 148580
Ion Ratio Lower Upper
65 100
67 54.4 0.0 105.6

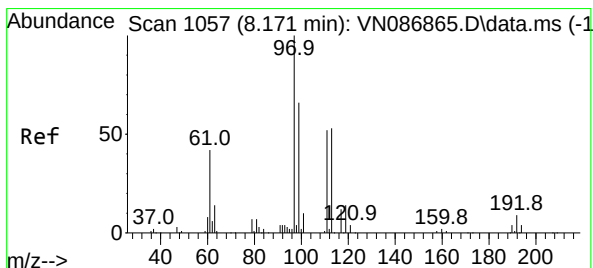
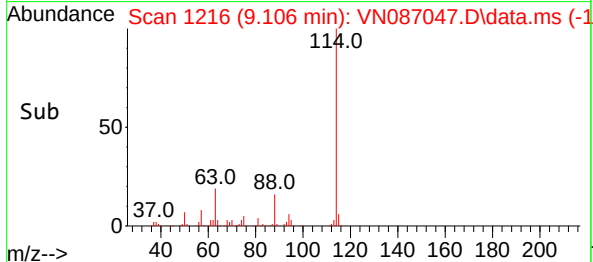
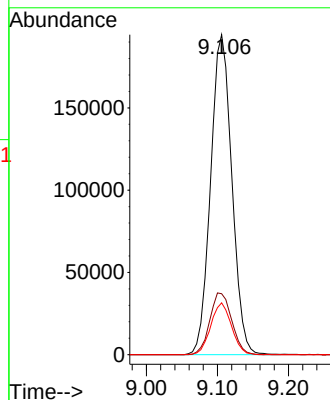
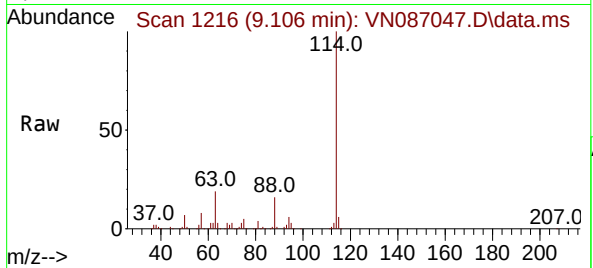




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

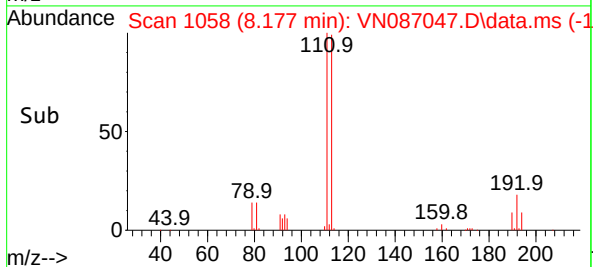
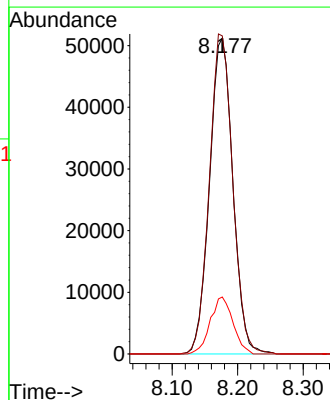
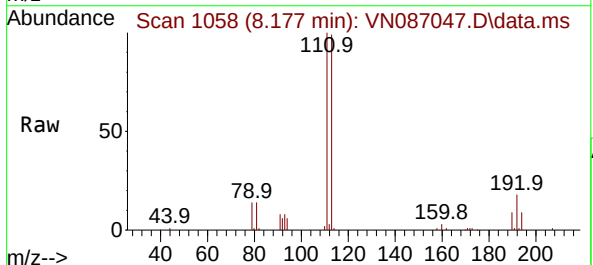
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

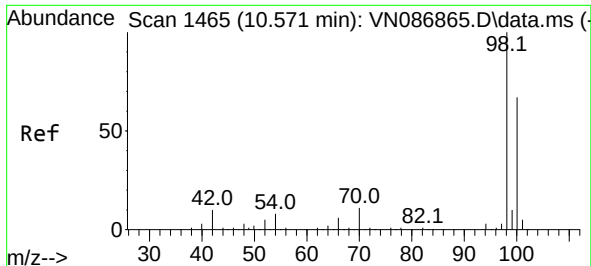
Tgt Ion:	114	Resp:	403651
Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	39.6
88	16.2	0.0	30.2



#35
Dibromofluoromethane
Concen: 52.833 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion:	113	Resp:	126383
Ion	Ratio	Lower	Upper
113	100		
111	101.3	84.2	126.2
192	17.6	14.2	21.4

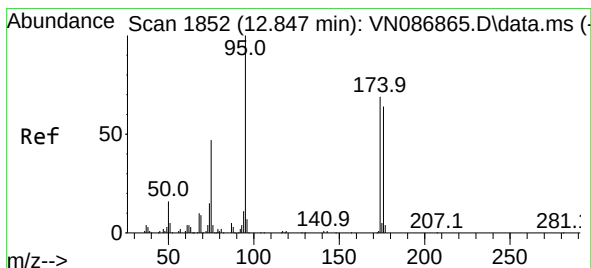
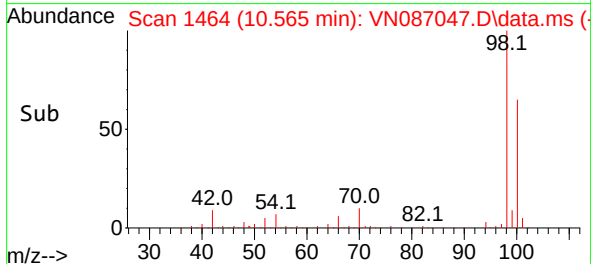
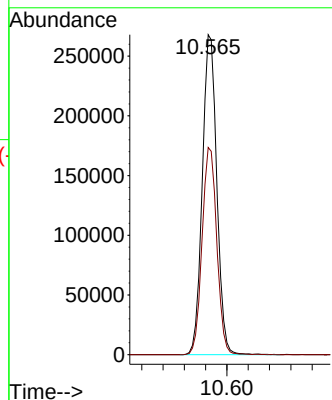
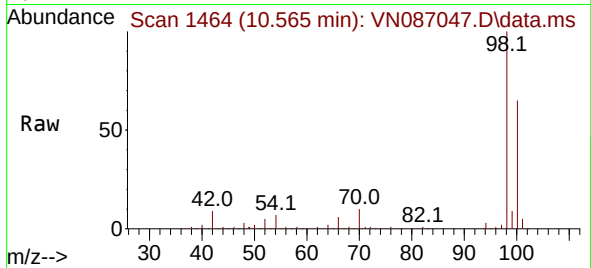




#50
Toluene-d8
Concen: 53.303 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

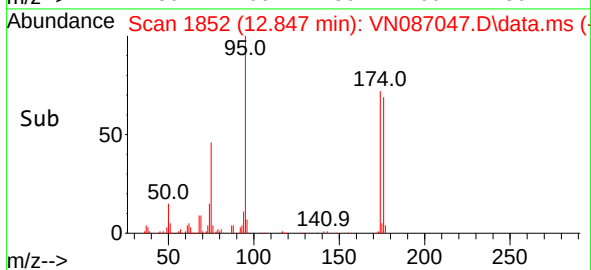
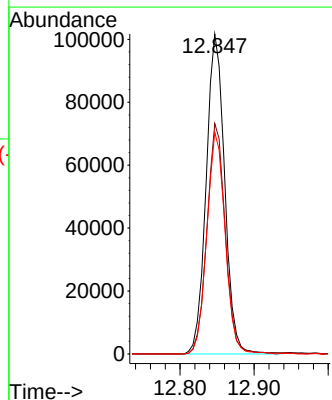
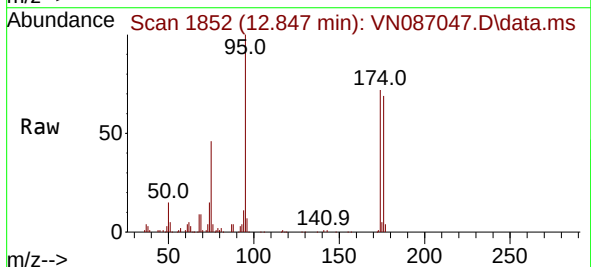
Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

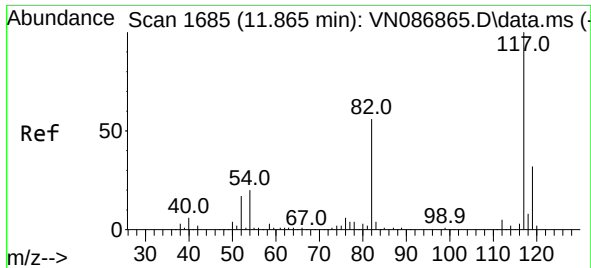
Tgt Ion: 98 Resp: 504769
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0



#62
4-Bromofluorobenzene
Concen: 50.058 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion: 95 Resp: 176121
Ion Ratio Lower Upper
95 100
174 71.5 0.0 141.8
176 68.7 0.0 132.6

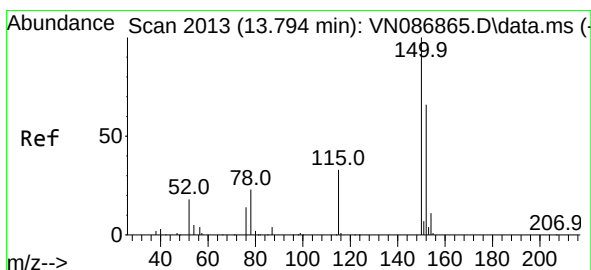
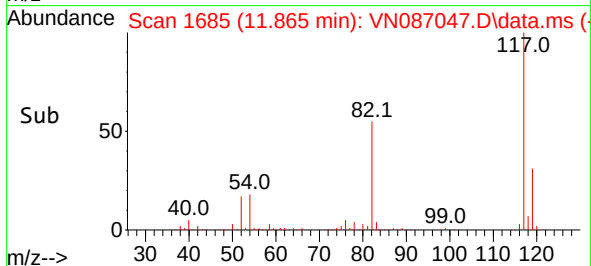
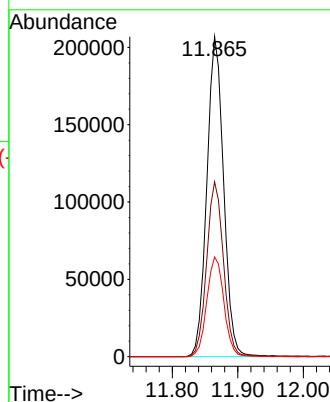
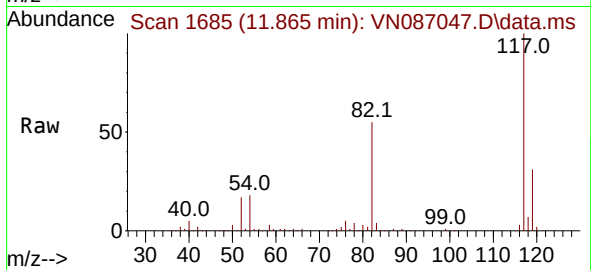




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087047.D
Acq: 17 Jun 2025 10:20

Instrument :
MSVOA_N
ClientSampleId :
VN0617WBL01

Tgt Ion:117 Resp: 368689
Ion Ratio Lower Upper
117 100
82 54.7 44.6 67.0
119 31.2 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: VN087047.D
Acq: 17 Jun 2025 10:20

Tgt Ion:152 Resp: 170553
Ion Ratio Lower Upper
152 100
115 61.4 30.1 90.5
150 158.6 0.0 345.0

