

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
 Data File : VN087339.D
 Acq On : 17 Jul 2025 10:56
 Operator : JC\MD
 Sample : VN0717WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0717WBL01

Quant Time: Jul 18 01:21:00 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	171751	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	343640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	297458	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	124823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	160879	55.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.400%	
35) Dibromofluoromethane	8.153	113	119450	50.392	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.780%	
50) Toluene-d8	10.547	98	429548	50.800	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 101.600%	
62) 4-Bromofluorobenzene	12.829	95	134801	43.151	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 86.300%	

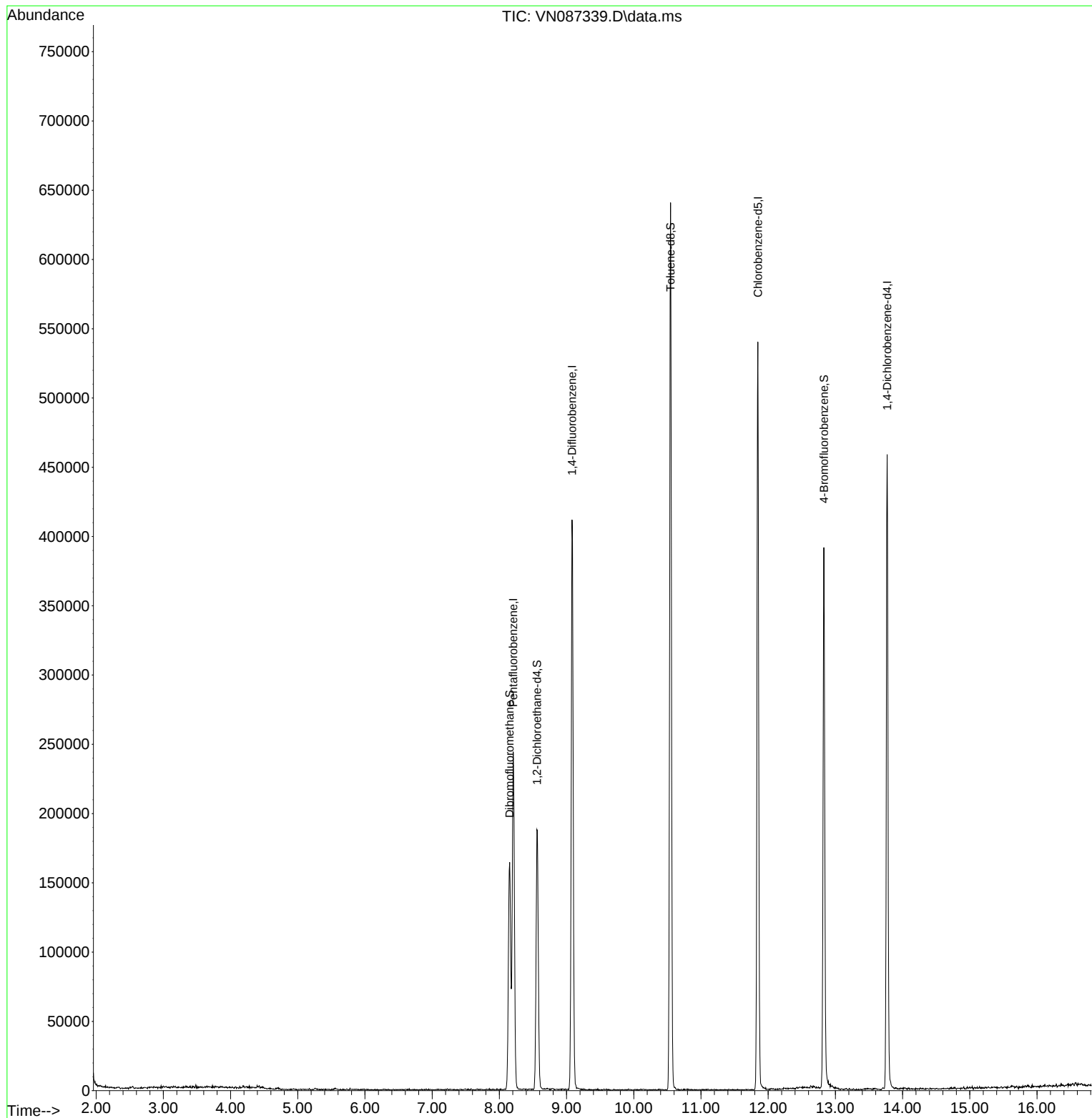
Target Compounds	Qvalue

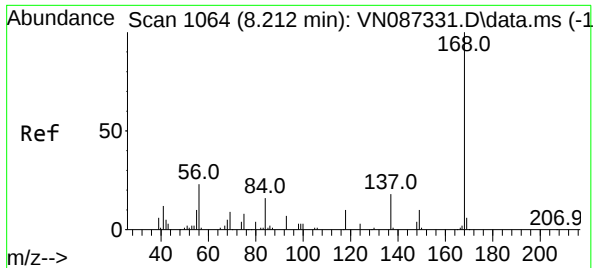
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071725\
Data File : VN087339.D
Acq On : 17 Jul 2025 10:56
Operator : JC\MD
Sample : VN0717WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

Quant Time: Jul 18 01:21:00 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

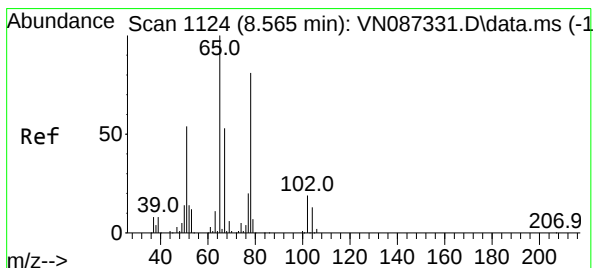
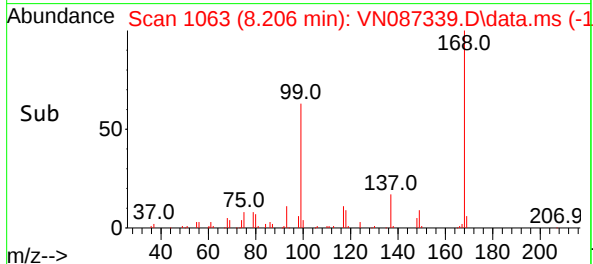
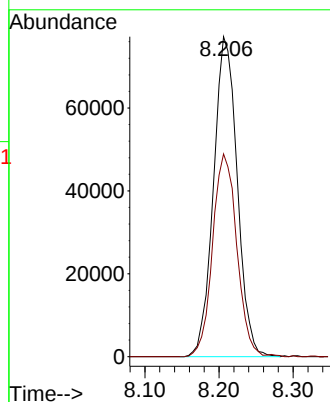
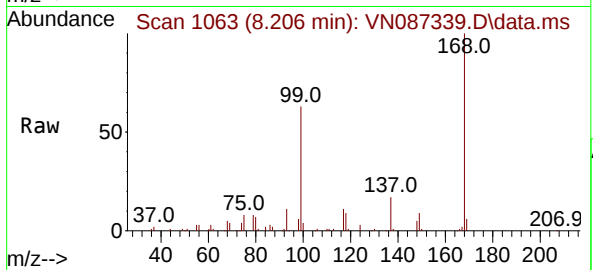




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 110
Delta R.T. -0.006 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

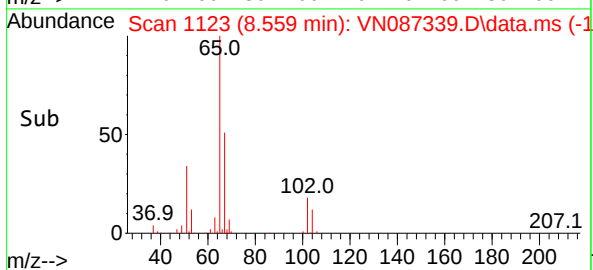
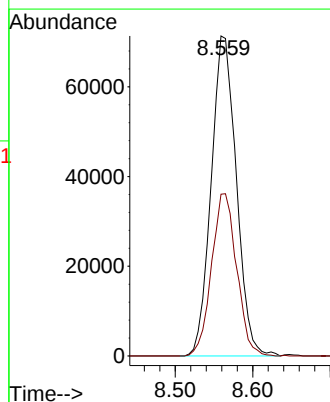
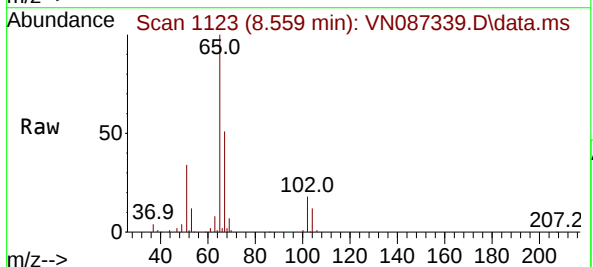
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

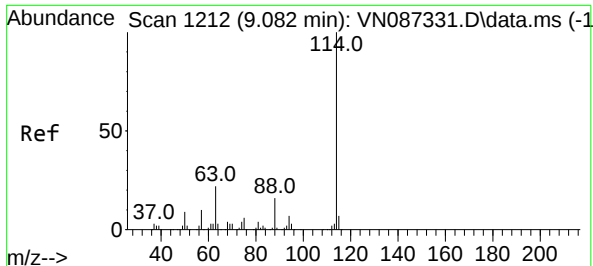
Tgt Ion:168 Resp: 171751
Ion Ratio Lower Upper
168 100
99 63.4 47.9 71.9



#33
1,2-Dichloroethane-d4
Concen: 55.204 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

Tgt Ion: 65 Resp: 160879
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

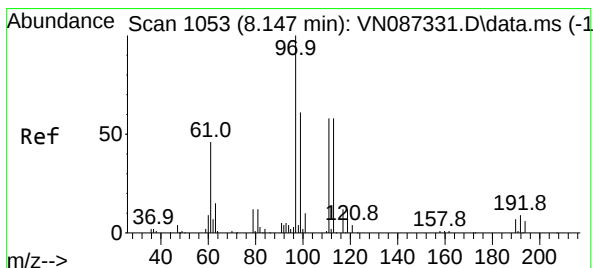
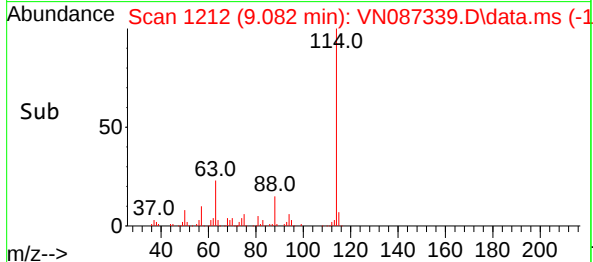
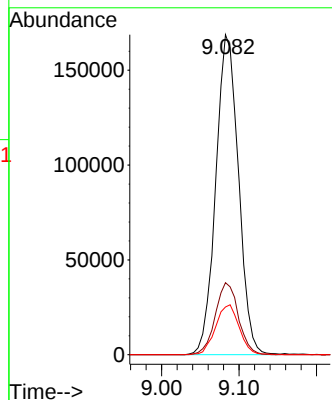
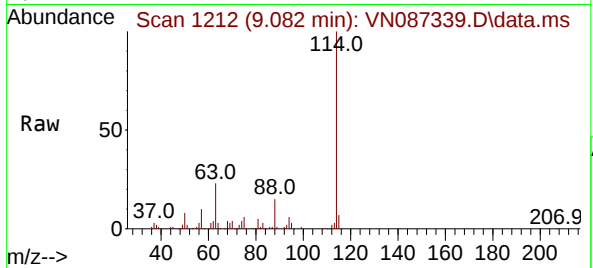




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

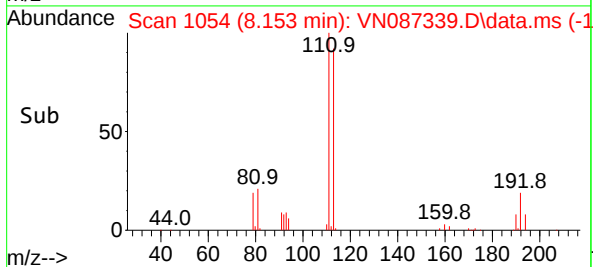
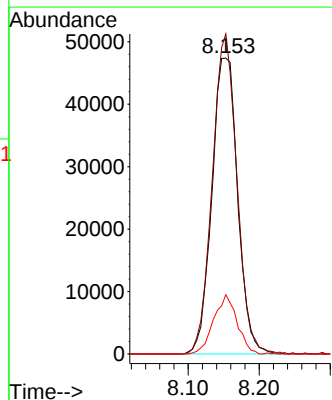
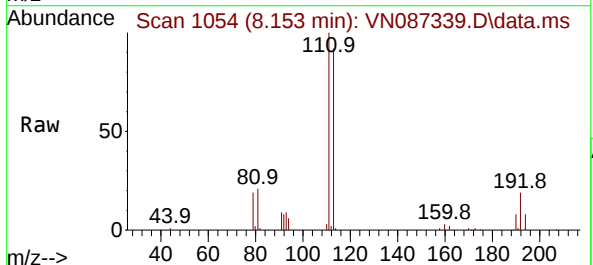
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

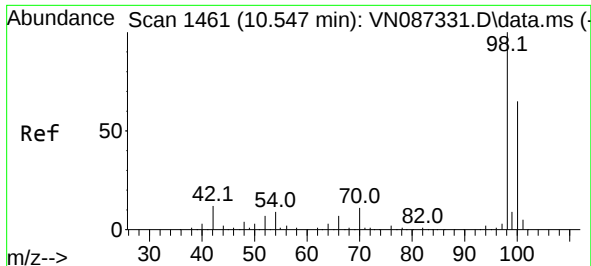
Tgt Ion:114 Resp: 343640
Ion Ratio Lower Upper
114 100
63 22.5 0.0 44.6
88 14.9 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.392 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

Tgt Ion:113 Resp: 119450
Ion Ratio Lower Upper
113 100
111 103.2 82.5 123.7
192 18.1 13.7 20.5

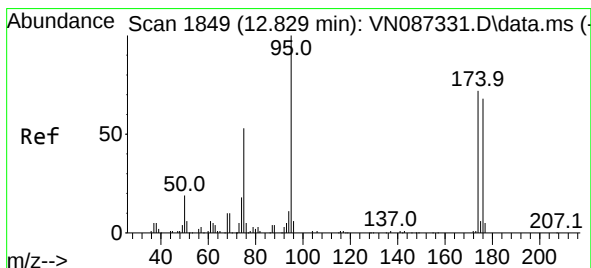
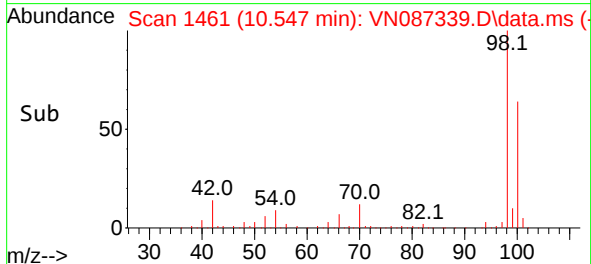
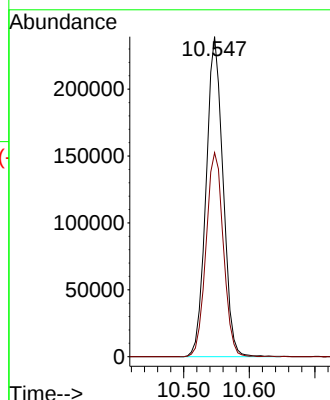
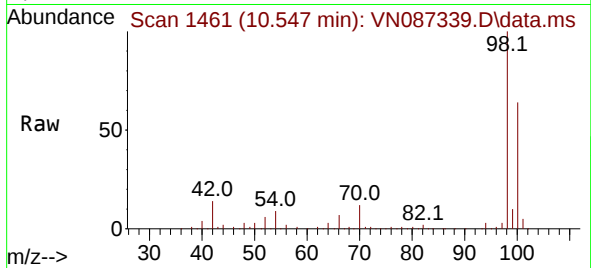




#50
Toluene-d8
Concen: 50.800 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

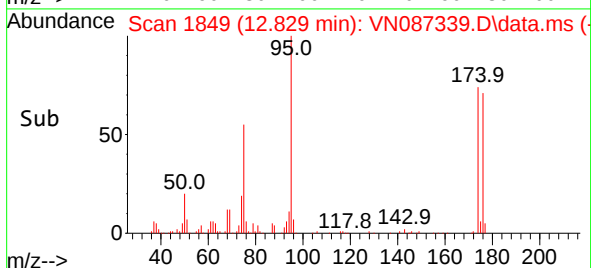
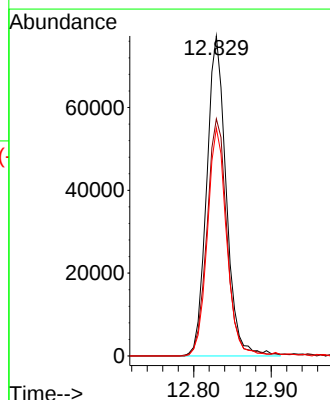
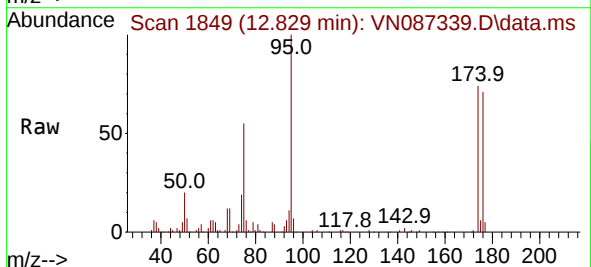
Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

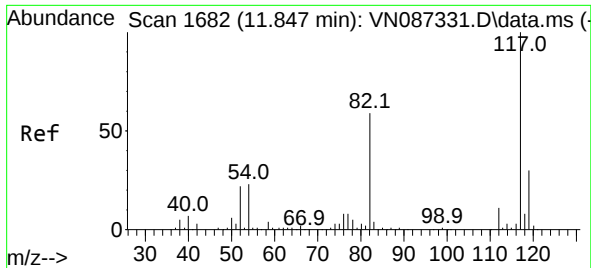
Tgt Ion: 98 Resp: 429548
Ion Ratio Lower Upper
98 100
100 65.3 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 43.151 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

Tgt Ion: 95 Resp: 134801
Ion Ratio Lower Upper
95 100
174 76.0 0.0 149.4
176 70.4 0.0 141.2

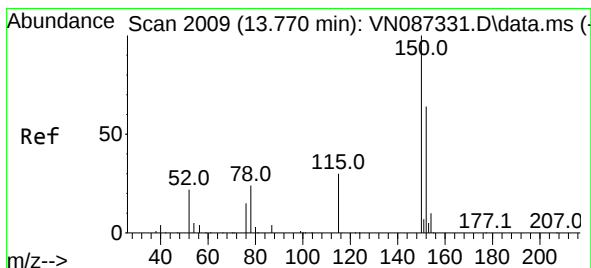
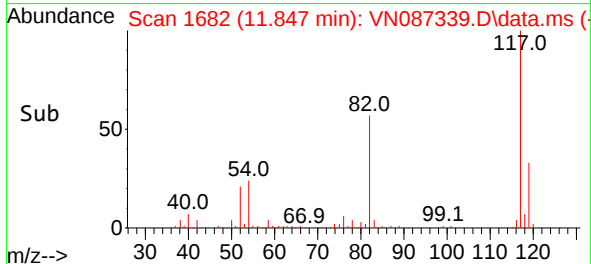
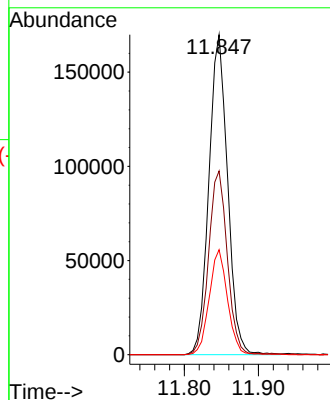
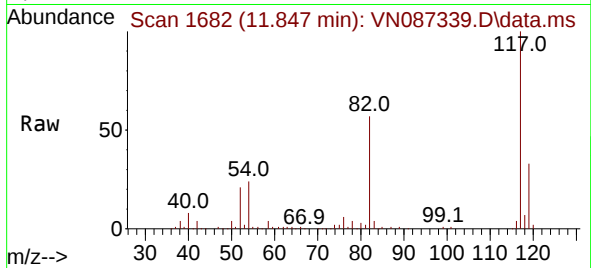




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

Instrument :
MSVOA_N
ClientSampleId :
VN0717WBL01

Tgt Ion:117 Resp: 297458
Ion Ratio Lower Upper
117 100
82 57.4 47.4 71.2
119 32.8 23.8 35.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087339.D
Acq: 17 Jul 2025 10:56

Tgt Ion:152 Resp: 124823
Ion Ratio Lower Upper
152 100
115 60.8 31.1 93.5
150 158.1 0.0 349.0

