

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
 Data File : VN087665.D
 Acq On : 25 Aug 2025 17:49
 Operator : JC\MD
 Sample : Q2940-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP(1-6)

Quant Time: Aug 26 01:41:10 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	168100	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	390971	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	365200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	172095	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	186364	54.110	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	108.220%
35) Dibromofluoromethane	8.153	113	137045	48.549	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	10.547	98	500549	47.377	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.760%
62) 4-Bromofluorobenzene	12.829	95	172625	45.944	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.880%

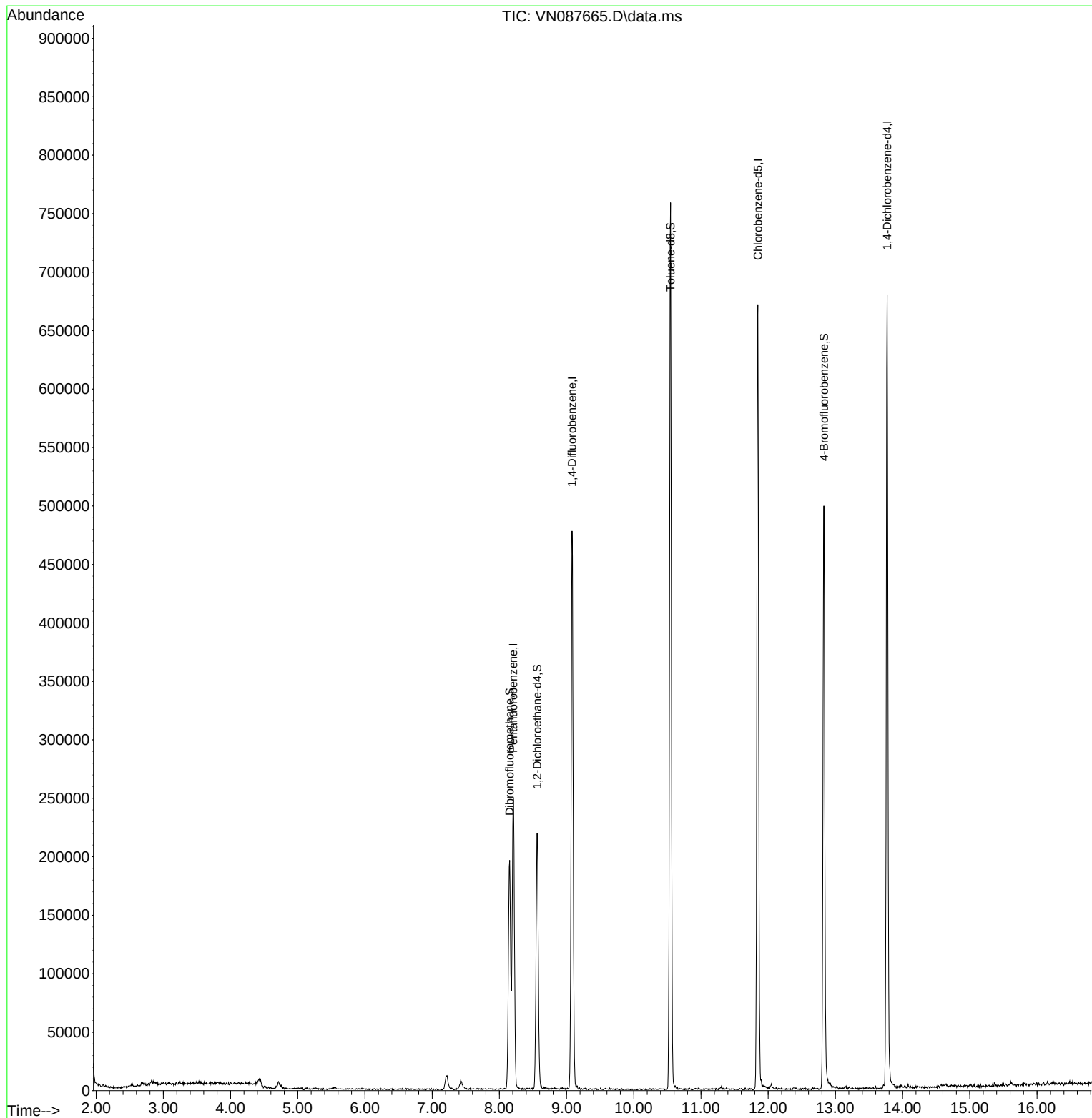
Target Compounds	Qvalue

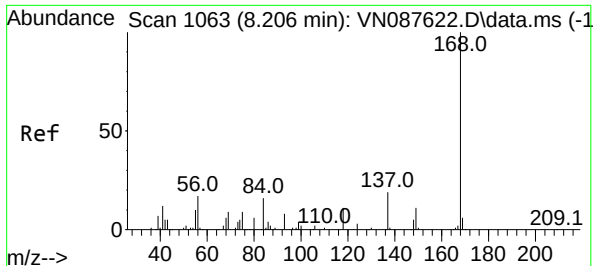
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082525\
Data File : VN087665.D
Acq On : 25 Aug 2025 17:49
Operator : JC\MD
Sample : Q2940-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP(1-6)

Quant Time: Aug 26 01:41:10 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

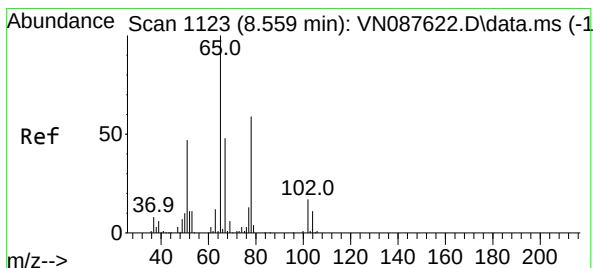
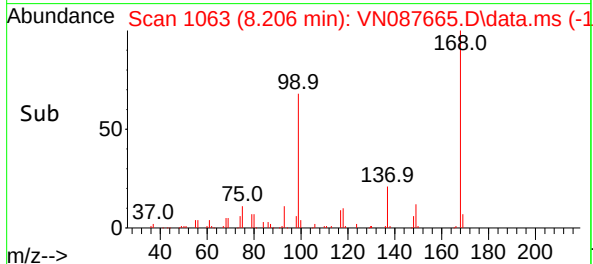
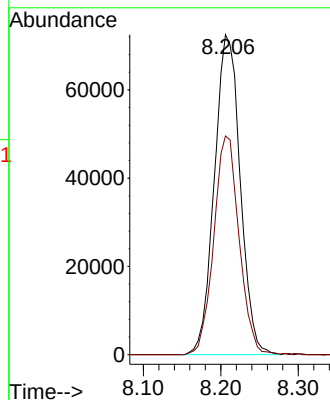
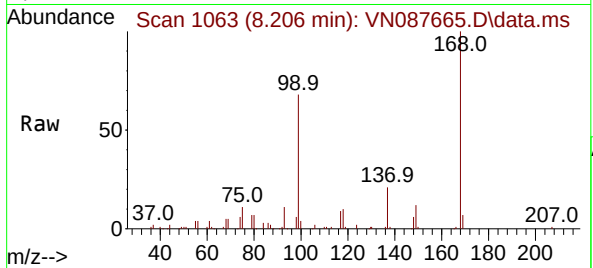




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

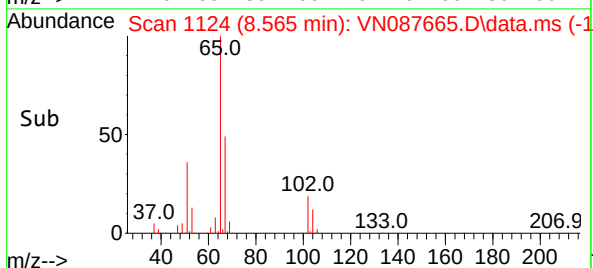
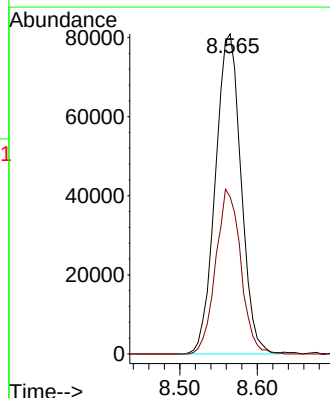
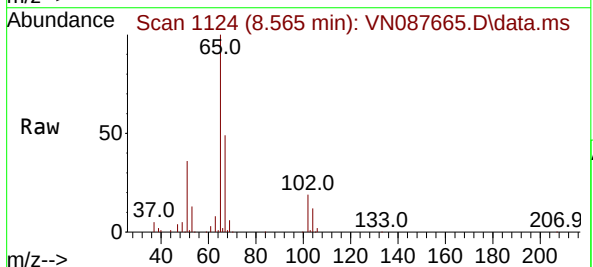
Instrument :
MSVOA_N
ClientSampleId :
COMP(1-6)

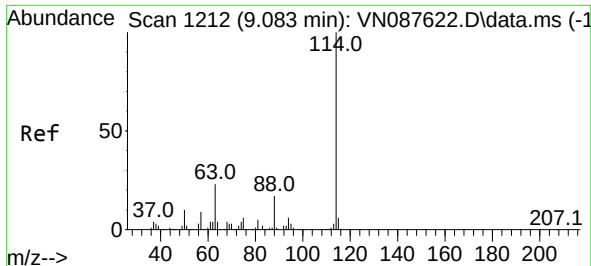
Tgt Ion:168 Resp: 168100
Ion Ratio Lower Upper
168 100
99 68.4 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 54.110 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

Tgt Ion: 65 Resp: 186364
Ion Ratio Lower Upper
65 100
67 50.2 0.0 100.0

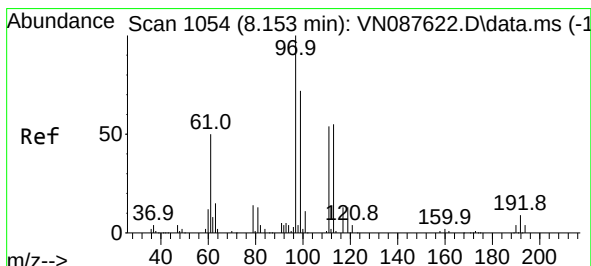
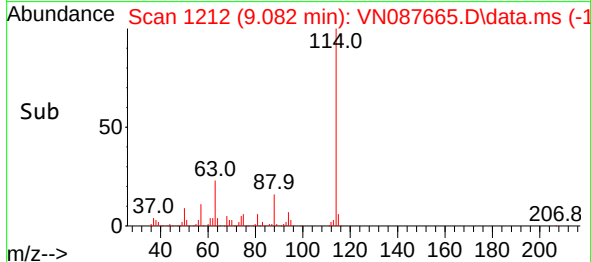
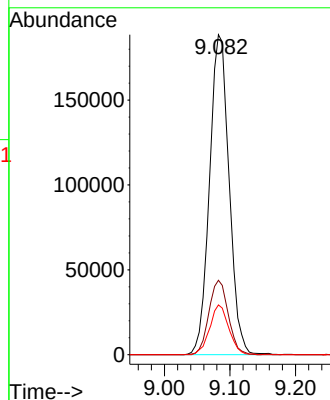
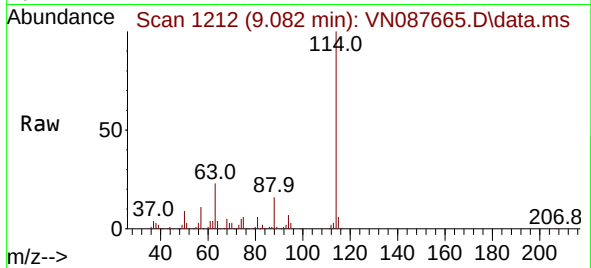




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

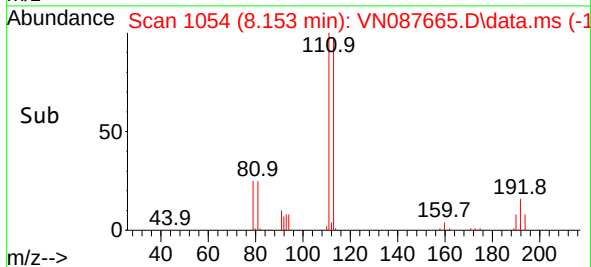
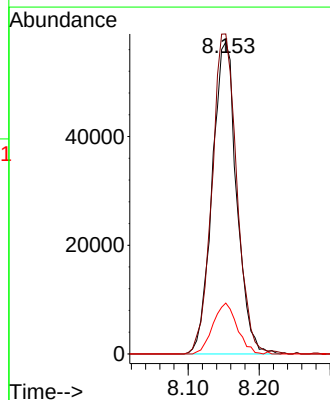
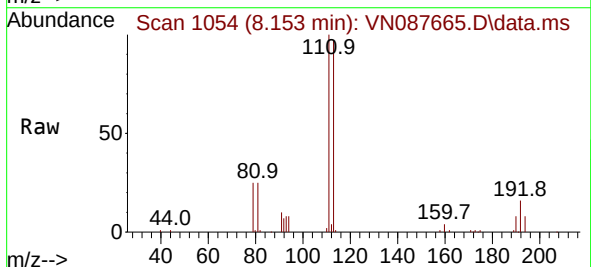
Instrument :
MSVOA_N
ClientSampleId :
COMP(1-6)

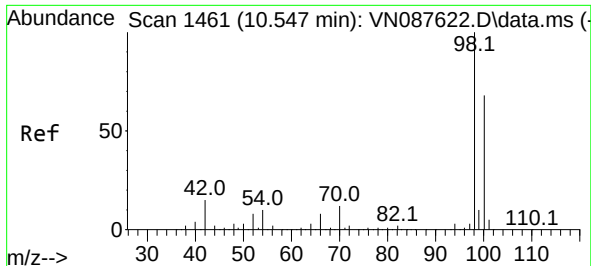
Tgt Ion:114 Resp: 390971
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.2
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.549 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

Tgt Ion:113 Resp: 137045
Ion Ratio Lower Upper
113 100
111 104.1 82.8 124.2
192 16.1 12.8 19.2

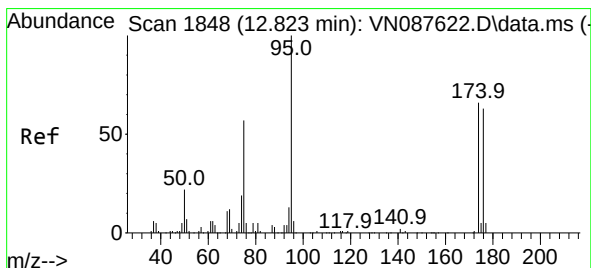
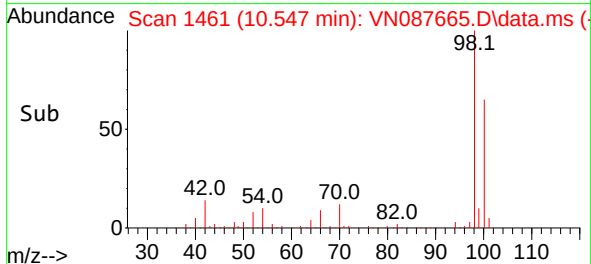
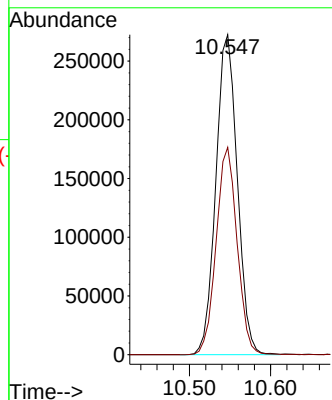
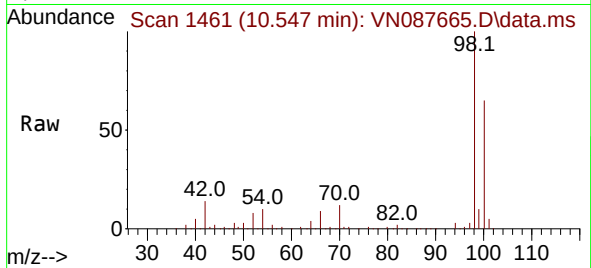




#50
Toluene-d8
Concen: 47.377 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

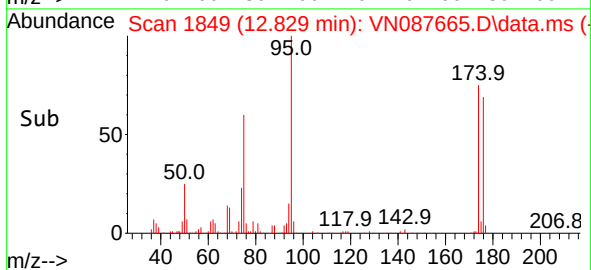
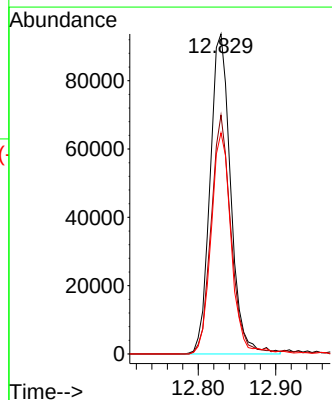
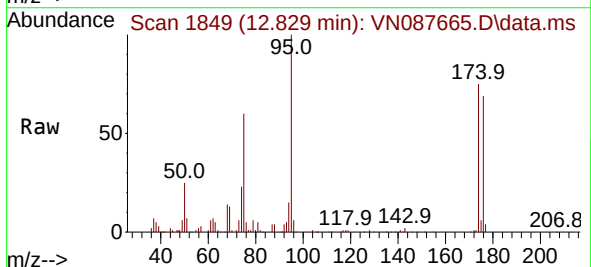
Instrument :
MSVOA_N
ClientSampleId :
COMP(1-6)

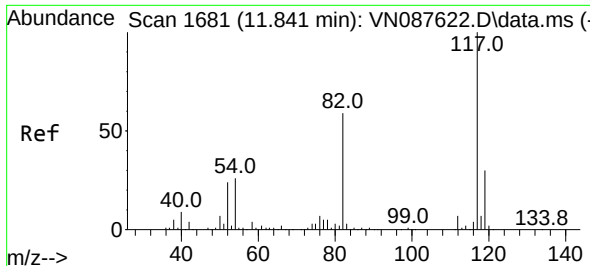
Tgt Ion: 98 Resp: 500549
Ion Ratio Lower Upper
98 100
100 63.4 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.944 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

Tgt Ion: 95 Resp: 172625
Ion Ratio Lower Upper
95 100
174 72.3 0.0 138.4
176 67.9 0.0 132.6

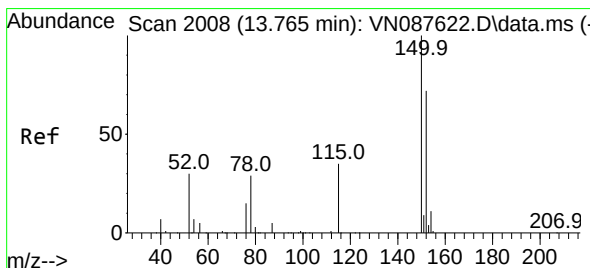
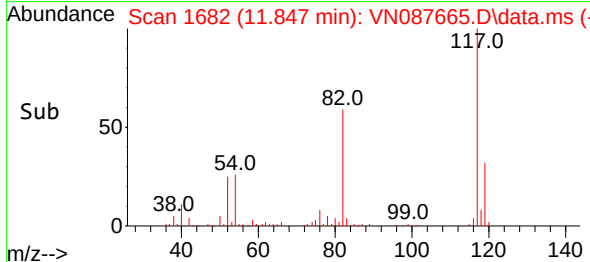
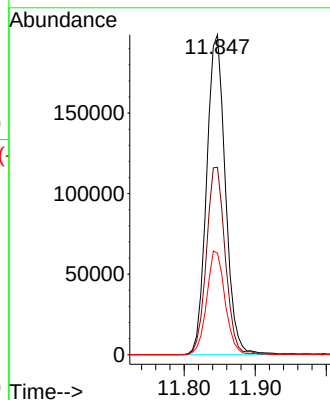
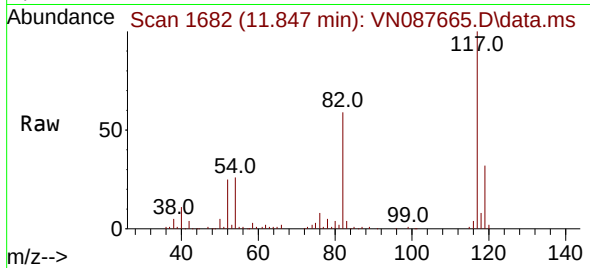




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

Instrument :
MSVOA_N
ClientSampleId :
COMP(1-6)

Tgt Ion:117 Resp: 365200
Ion Ratio Lower Upper
117 100
82 58.5 47.4 71.2
119 31.8 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087665.D
Acq: 25 Aug 2025 17:49

Tgt Ion:152 Resp: 172095
Ion Ratio Lower Upper
152 100
115 64.0 32.3 96.8
150 157.7 0.0 351.0

