

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087695.D
 Acq On : 29 Aug 2025 13:03
 Operator : JC\MD
 Sample : VN0829WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBL01

Quant Time: Aug 29 22:53:21 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	144690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	334037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	317569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146224	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	163836	55.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.540%
35) Dibromofluoromethane	8.147	113	125190	51.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	103.820%
50) Toluene-d8	10.547	98	444009	49.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.380%
62) 4-Bromofluorobenzene	12.829	95	146849	45.745	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	91.480%

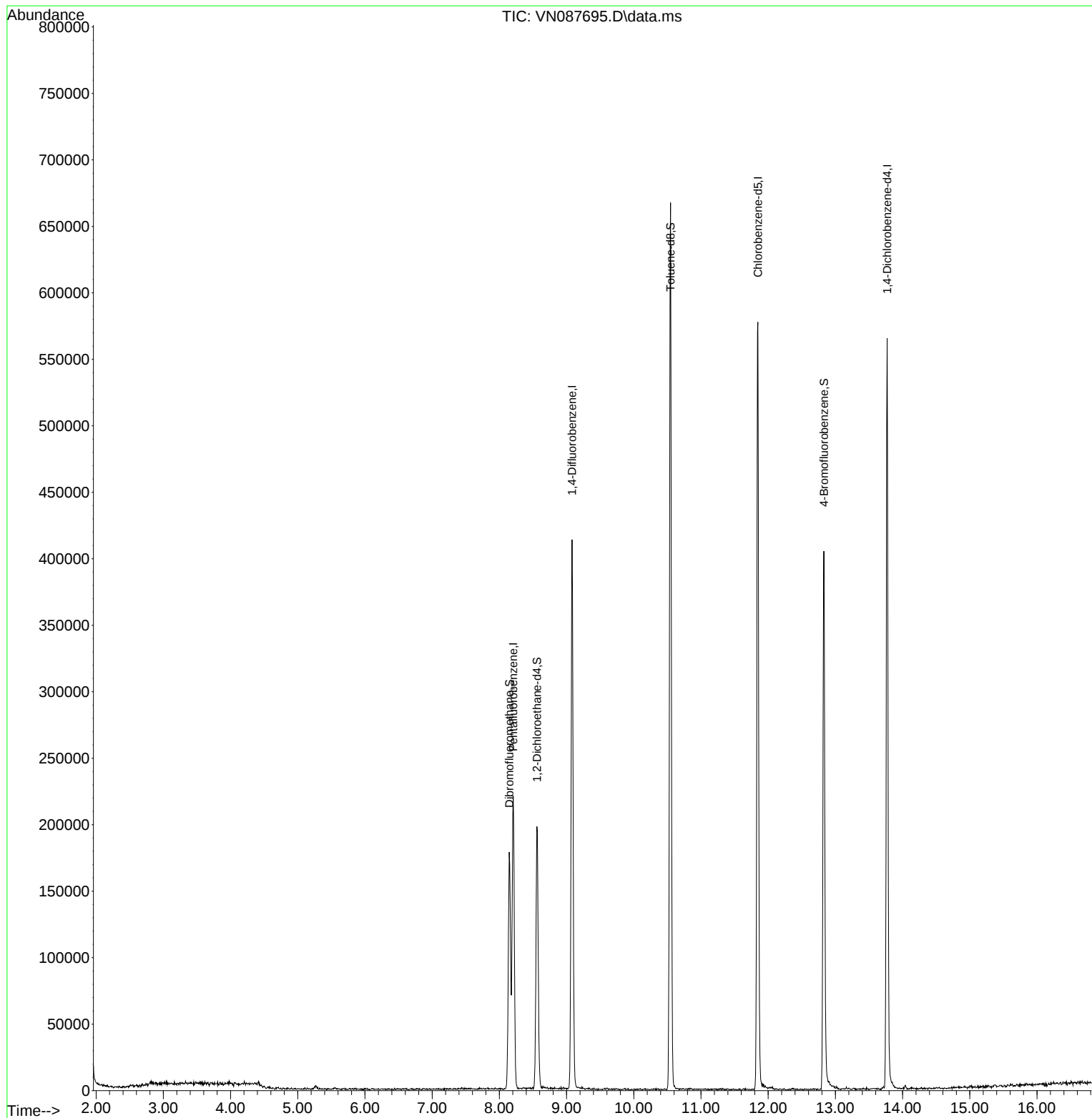
Target Compounds	Qvalue

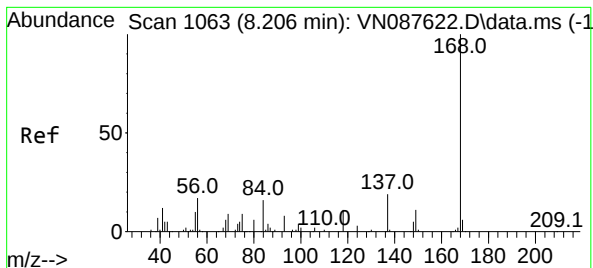
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
Data File : VN087695.D
Acq On : 29 Aug 2025 13:03
Operator : JC\MD
Sample : VN0829WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

Quant Time: Aug 29 22:53:21 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

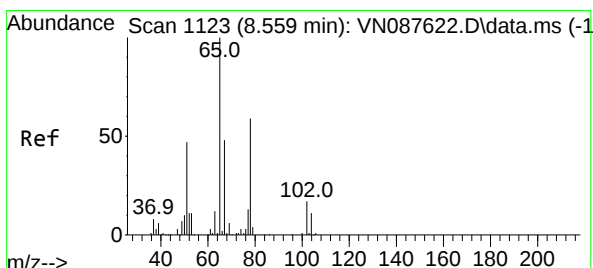
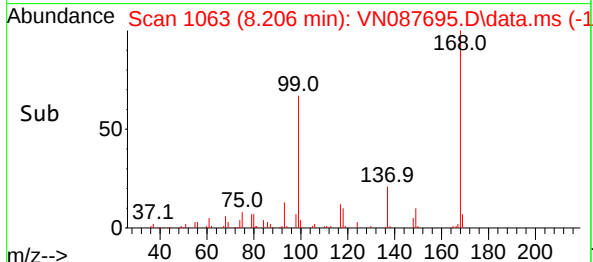
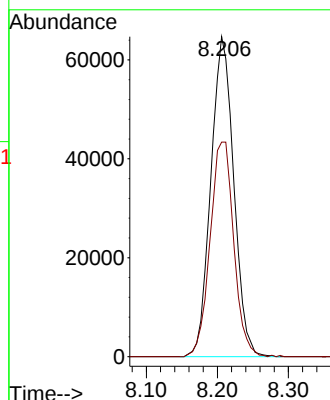
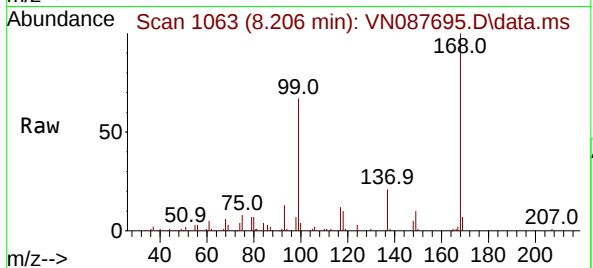




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

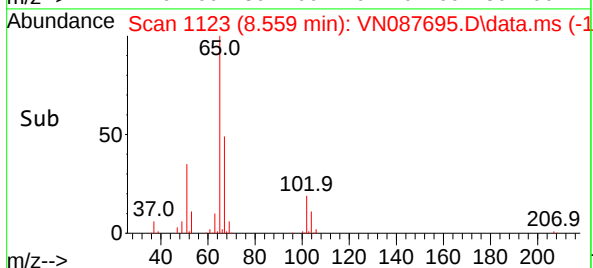
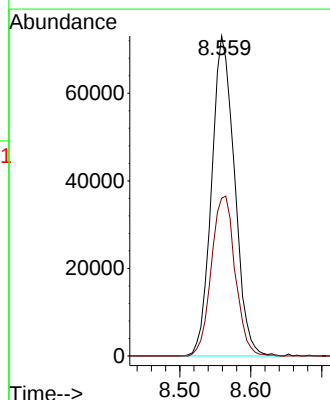
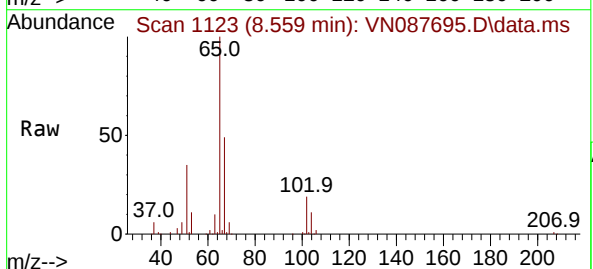
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

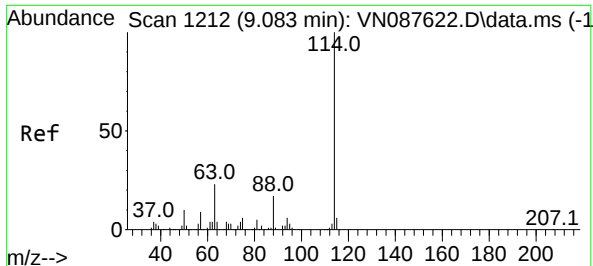
Tgt Ion:168 Resp: 144690
Ion Ratio Lower Upper
168 100
99 67.1 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 65 Resp: 163836
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.0

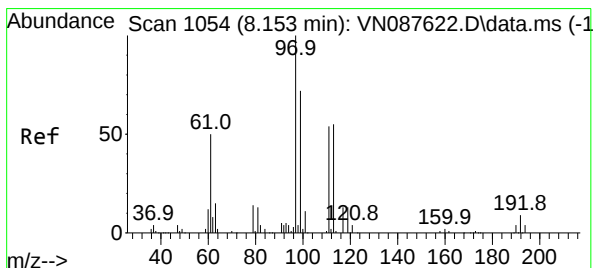
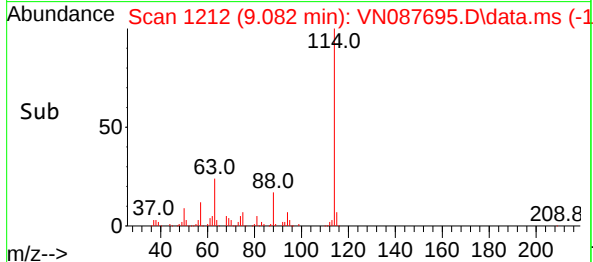
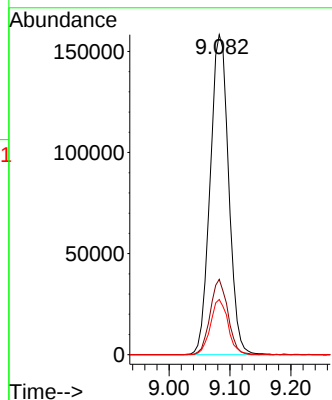
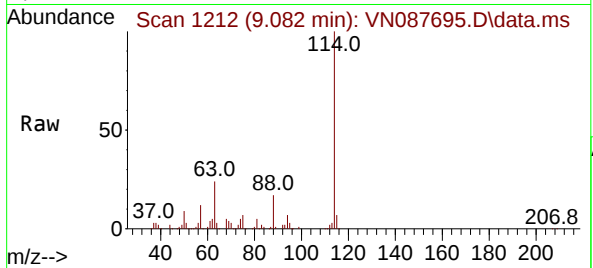




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

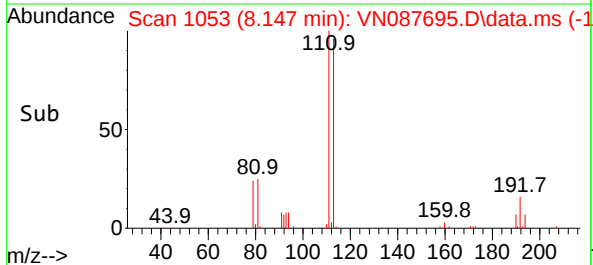
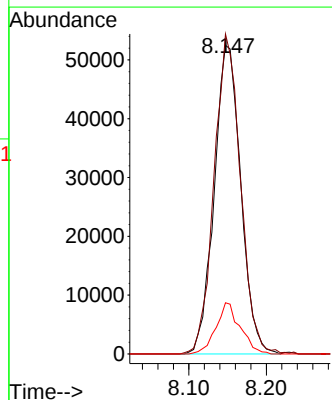
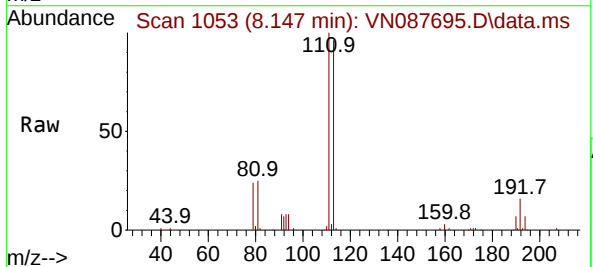
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

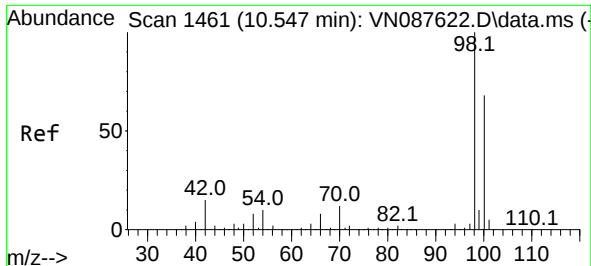
Tgt Ion:114 Resp: 334037
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.2
88 17.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.909 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion:113 Resp: 125190
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 15.1 12.8 19.2

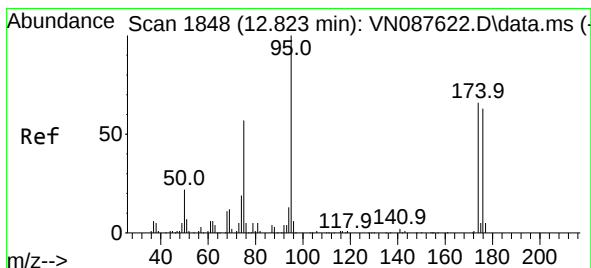
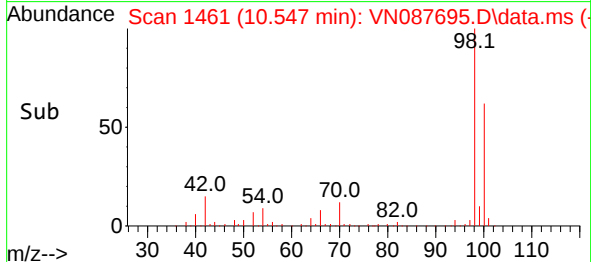
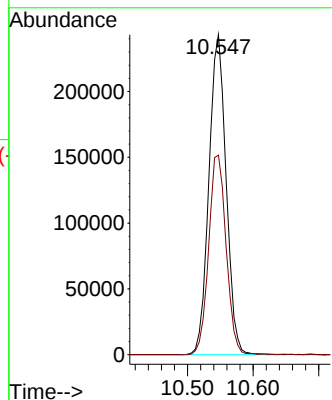
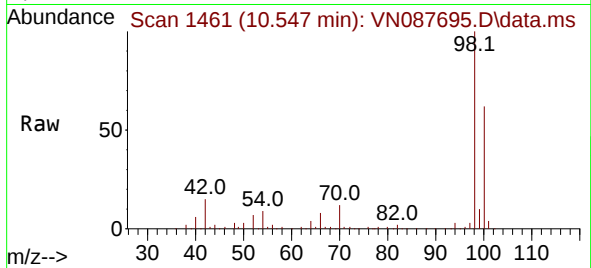




#50
Toluene-d8
Concen: 49.188 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

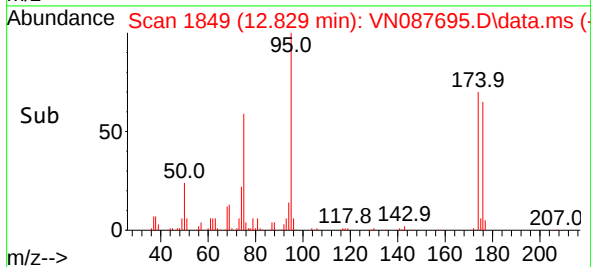
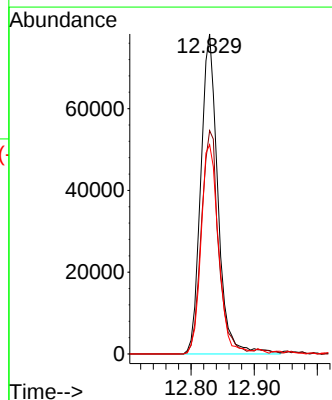
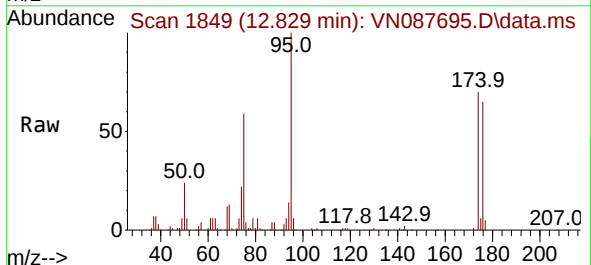
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

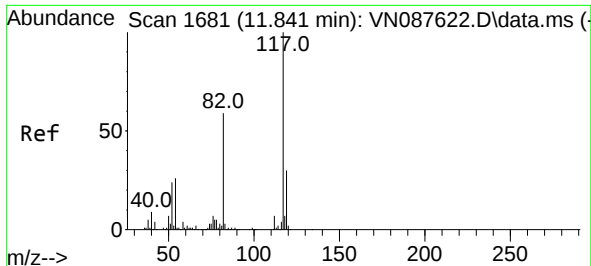
Tgt Ion: 98 Resp: 444009
Ion Ratio Lower Upper
98 100
100 63.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.745 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 95 Resp: 146849
Ion Ratio Lower Upper
95 100
174 70.8 0.0 138.4
176 67.0 0.0 132.6

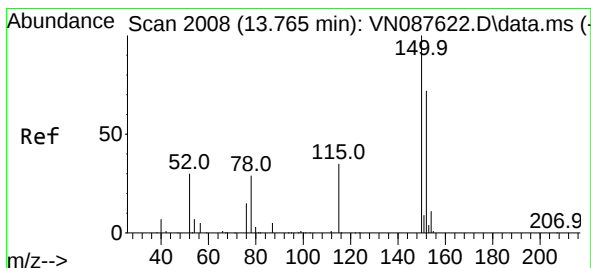
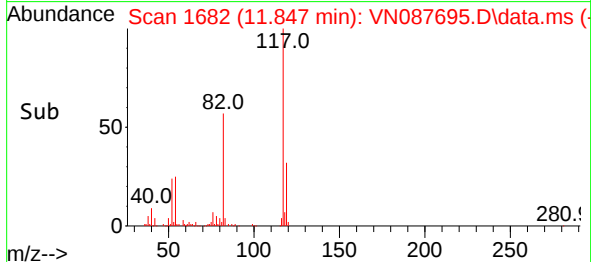
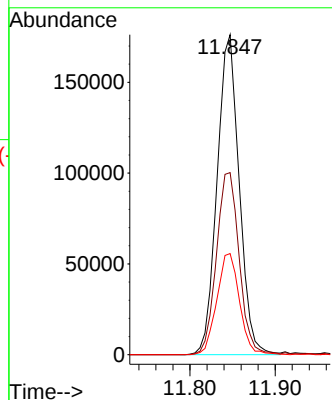
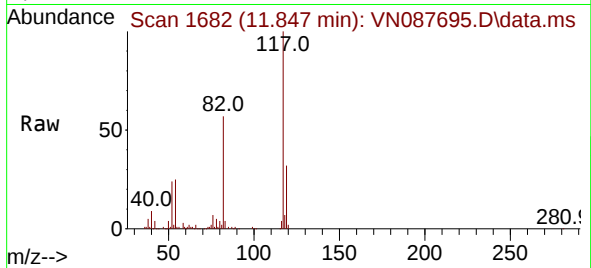




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

Tgt Ion:117 Resp: 317569
Ion Ratio Lower Upper
117 100
82 56.9 47.4 71.2
119 31.6 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: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion:152 Resp: 146224
Ion Ratio Lower Upper
152 100
115 62.0 32.3 96.8
150 159.7 0.0 351.0

