

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
 Data File : VN088449.D
 Acq On : 04 Dec 2025 16:28
 Operator : JC\MD
 Sample : Q3757-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB01-120325

Quant Time: Dec 05 00:17:51 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	198228	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	454339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	441078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	211349	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	210629	56.405	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.820%
35) Dibromofluoromethane	8.147	113	148440	47.146	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.300%
50) Toluene-d8	10.541	98	527723	45.047	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.100%
62) 4-Bromofluorobenzene	12.829	95	210610	52.395	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	104.800%

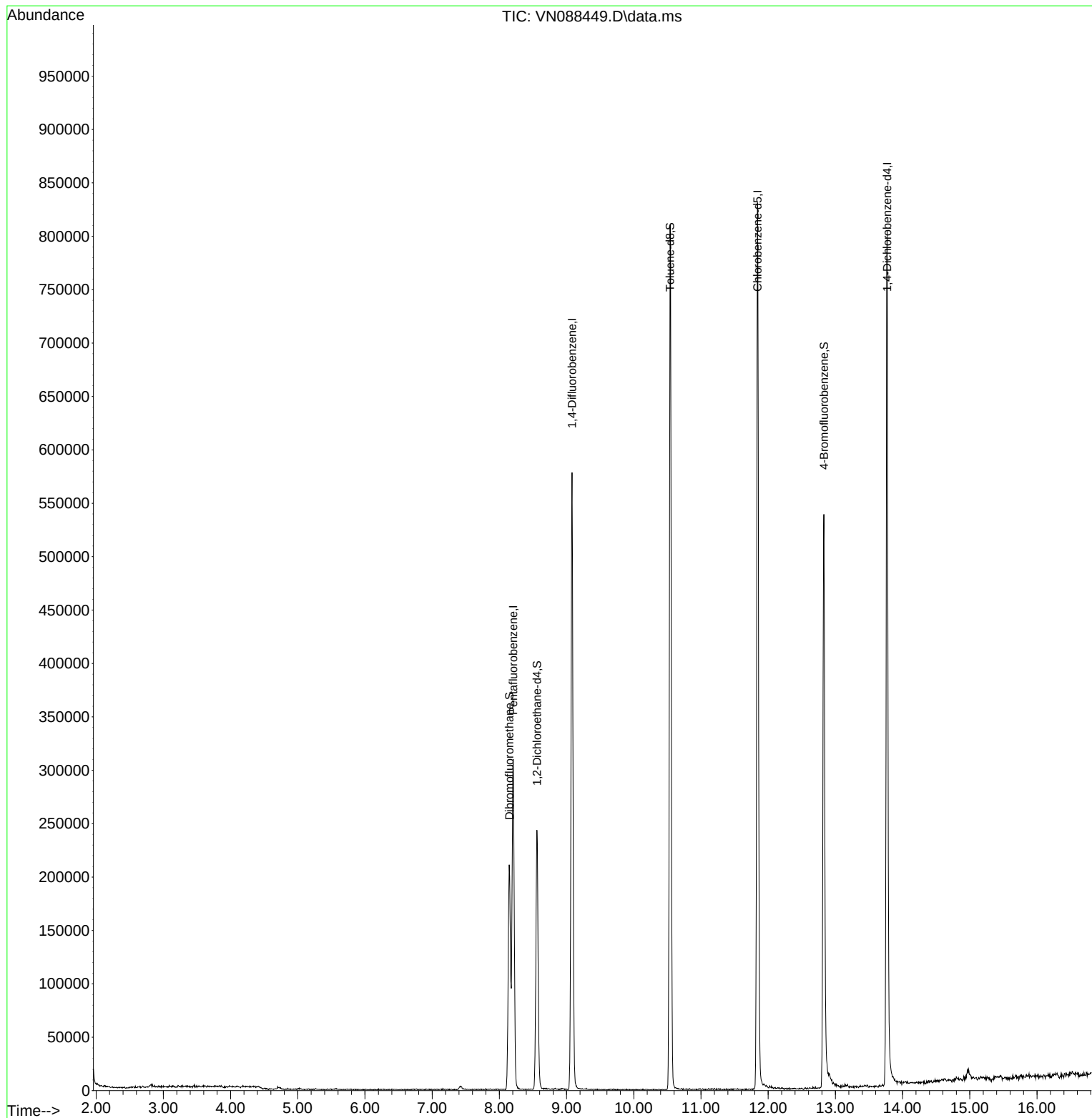
Target Compounds	Qvalue

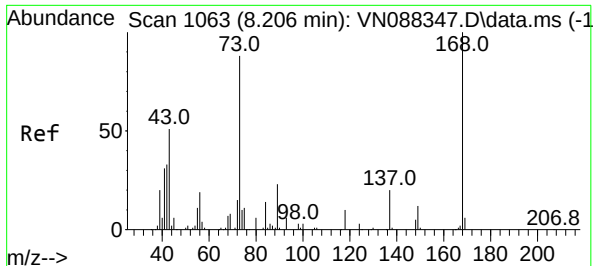
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120425\
Data File : VN088449.D
Acq On : 04 Dec 2025 16:28
Operator : JC\MD
Sample : Q3757-12
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TB01-120325

Quant Time: Dec 05 00:17:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

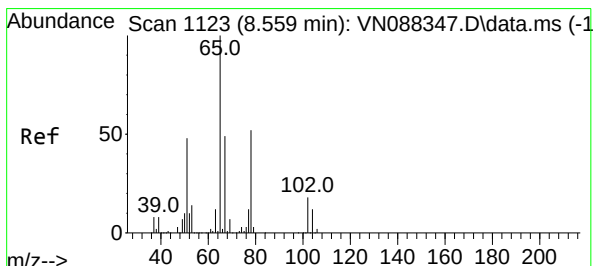
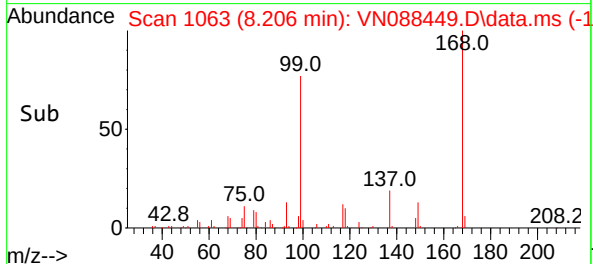
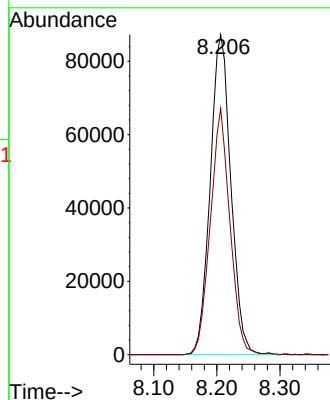
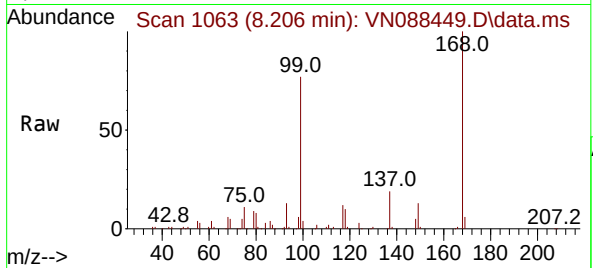




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

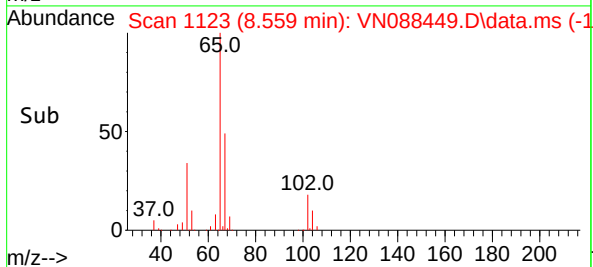
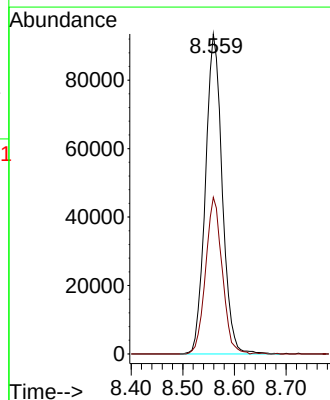
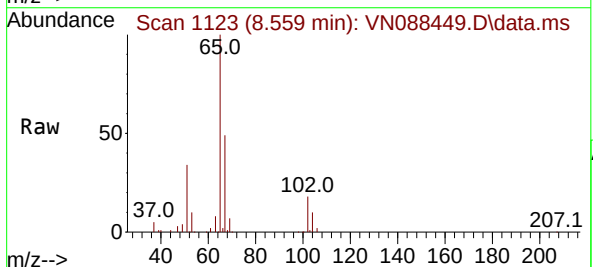
Instrument :
MSVOA_N
ClientSampleId :
TB01-120325

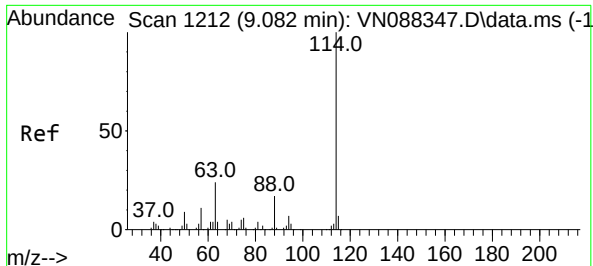
Tgt Ion:168 Resp: 198228
Ion Ratio Lower Upper
168 100
99 77.0 57.1 85.7



#33
1,2-Dichloroethane-d4
Concen: 56.405 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

Tgt Ion: 65 Resp: 210629
Ion Ratio Lower Upper
65 100
67 48.4 0.0 100.8

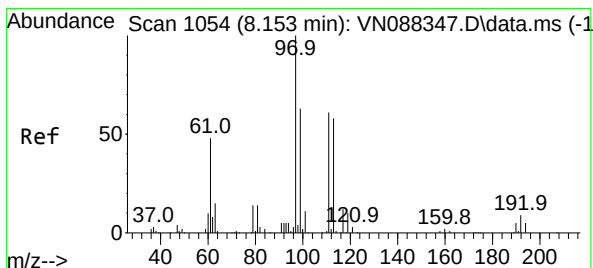
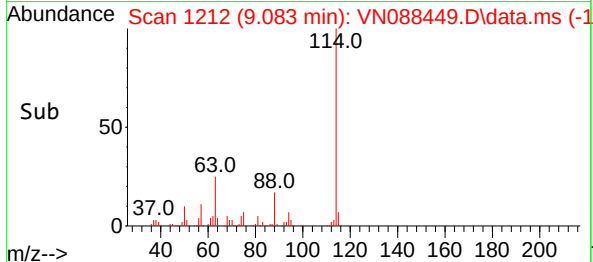
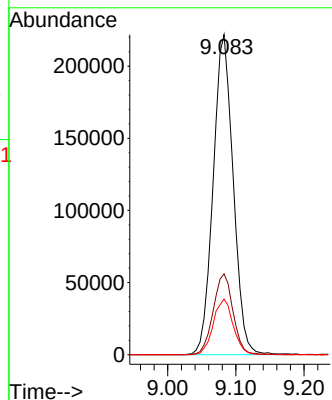
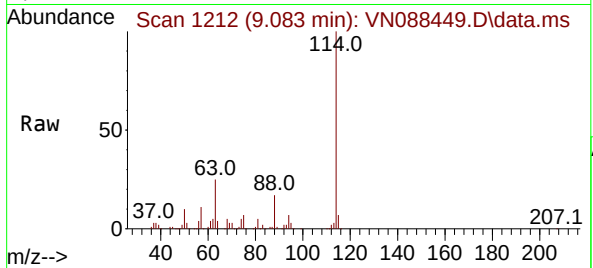




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

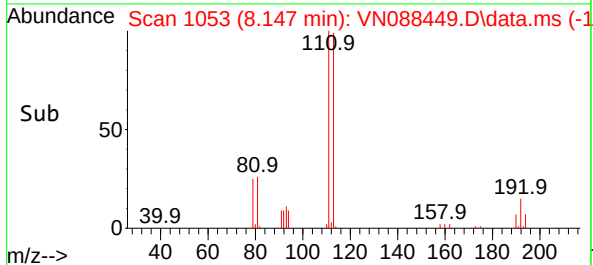
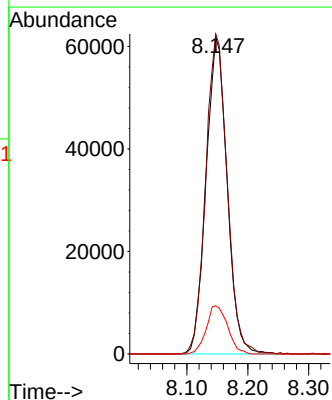
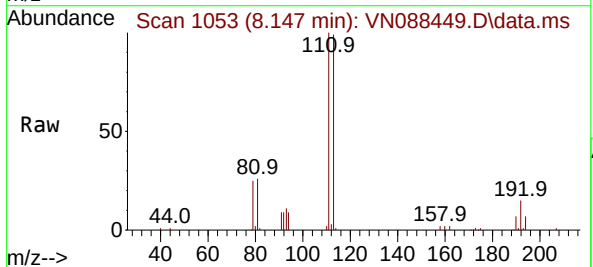
Instrument :
MSVOA_N
ClientSampleId :
TB01-120325

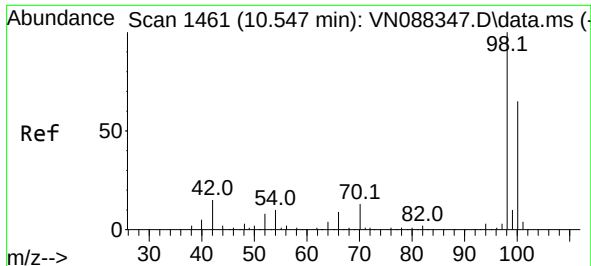
Tgt Ion:114 Resp: 454339
Ion Ratio Lower Upper
114 100
63 25.2 0.0 49.0
88 17.4 0.0 34.0



#35
Dibromofluoromethane
Concen: 47.146 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

Tgt Ion:113 Resp: 148440
Ion Ratio Lower Upper
113 100
111 102.4 82.5 123.7
192 15.4 12.8 19.2

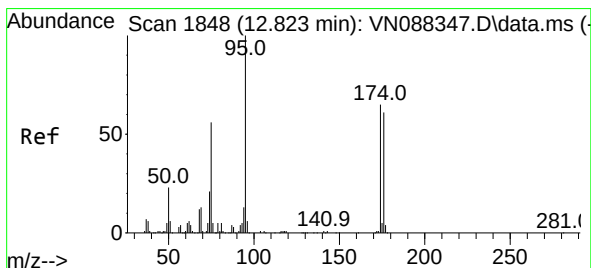
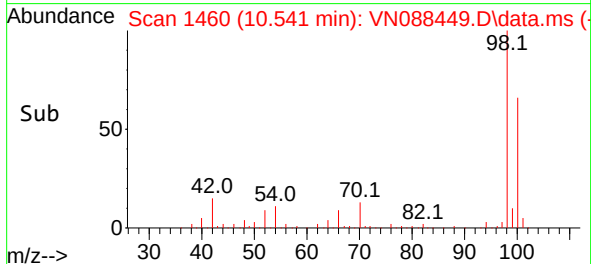
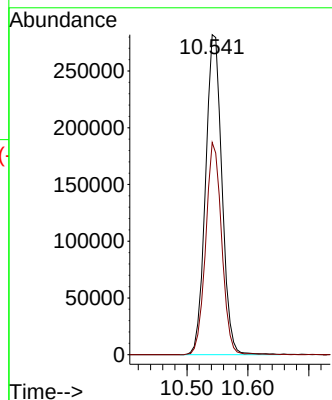
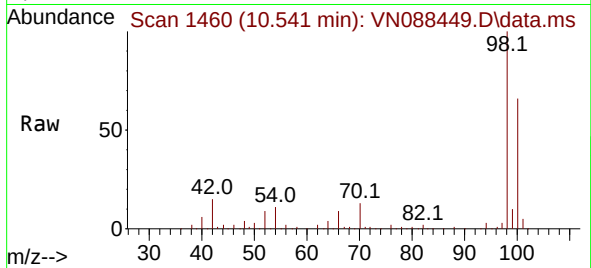




#50
Toluene-d8
Concen: 45.047 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

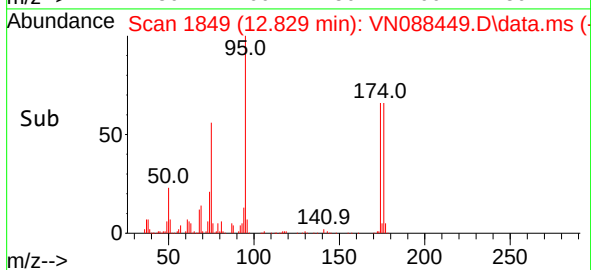
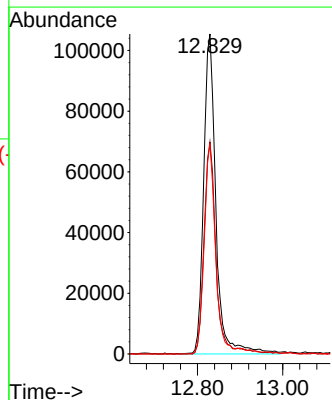
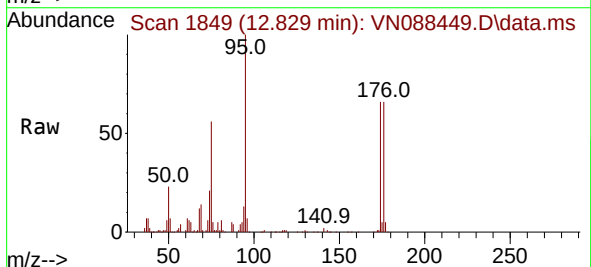
Instrument :
MSVOA_N
ClientSampleId :
TB01-120325

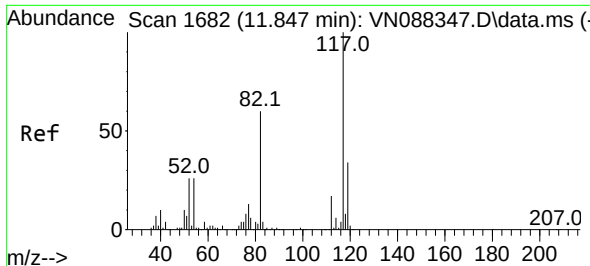
Tgt Ion: 98 Resp: 527723
Ion Ratio Lower Upper
98 100
100 64.6 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 52.395 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

Tgt Ion: 95 Resp: 210610
Ion Ratio Lower Upper
95 100
174 62.5 0.0 139.0
176 62.3 0.0 132.4

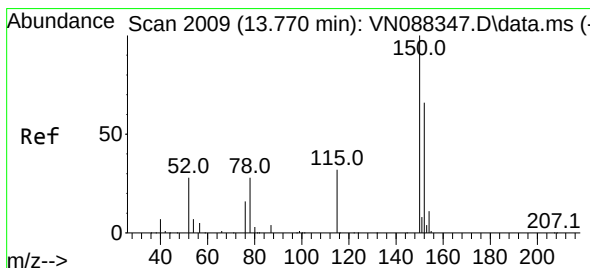
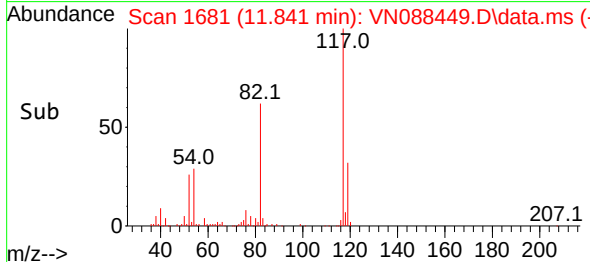
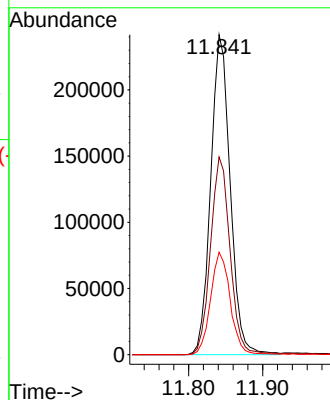
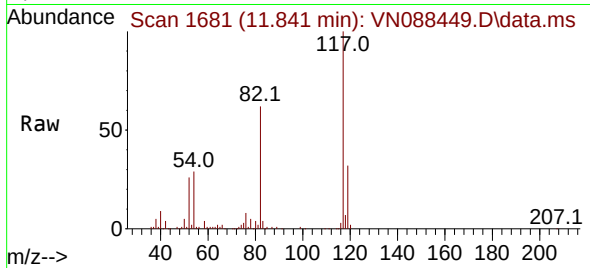




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

Instrument :
MSVOA_N
ClientSampleId :
TB01-120325

Tgt Ion:117 Resp: 441078
Ion Ratio Lower Upper
117 100
82 61.8 47.8 71.8
119 32.0 26.9 40.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN088449.D
Acq: 04 Dec 2025 16:28

Tgt Ion:152 Resp: 211349
Ion Ratio Lower Upper
152 100
115 65.0 33.0 98.9
150 156.8 0.0 349.0

