

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088175.D
 Acq On : 31 Oct 2025 10:13
 Operator : JC\MD
 Sample : VN1031WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1031WBL01

Quant Time: Nov 01 00:27:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	306226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	688960	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	672823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	336304	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	308082	58.180	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	116.360%
35) Dibromofluoromethane	8.147	113	222261	48.020	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.040%
50) Toluene-d8	10.541	98	824372	46.224	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	92.440%
62) 4-Bromofluorobenzene	12.829	95	335430	53.256	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	106.520%

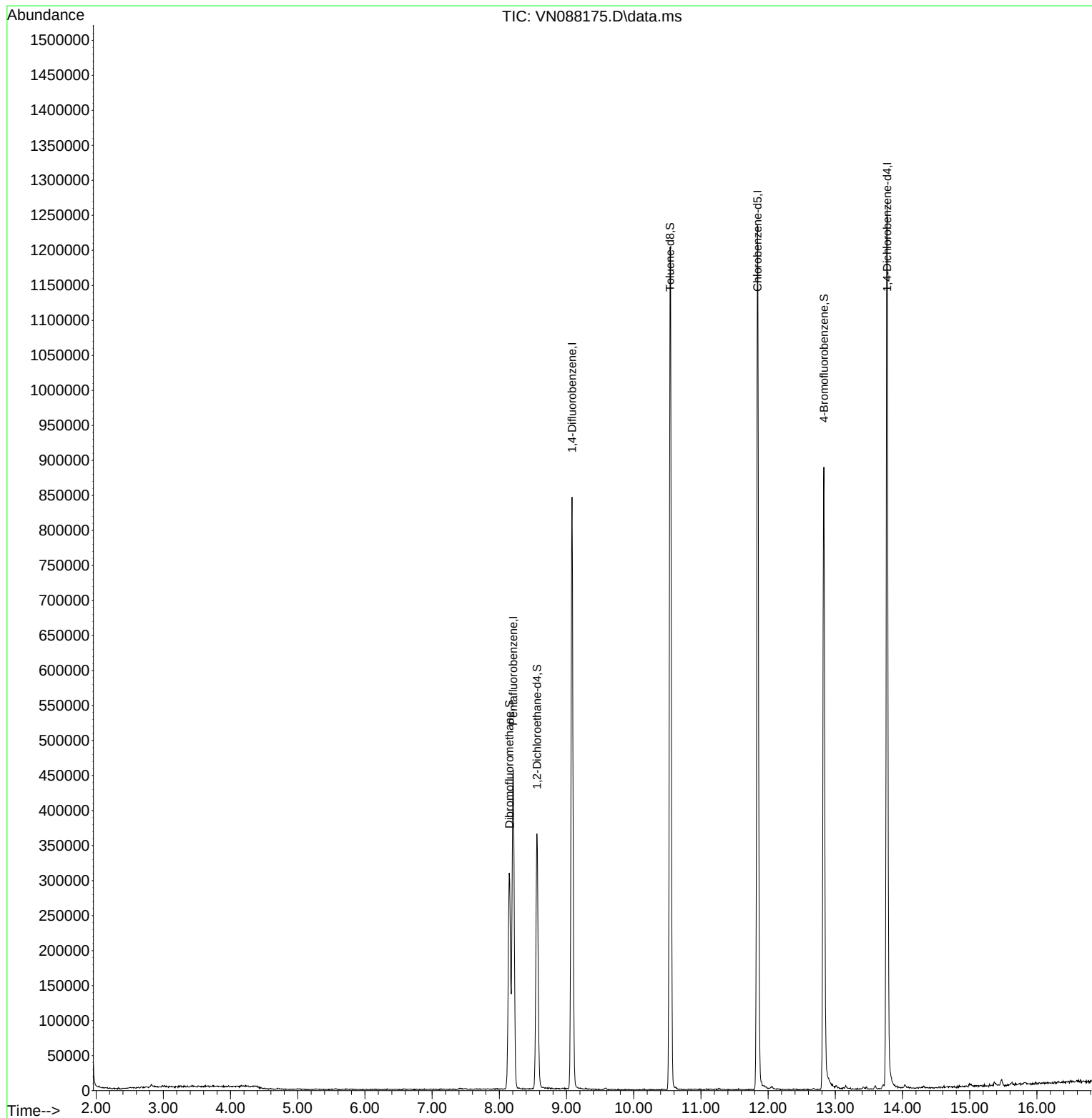
Target Compounds	Qvalue

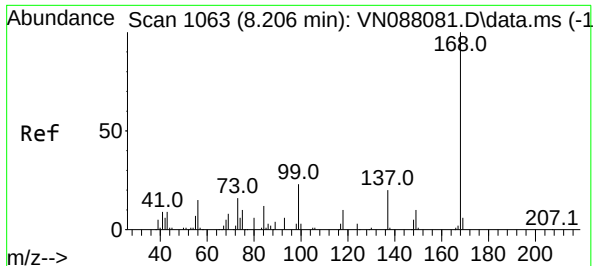
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
Data File : VN088175.D
Acq On : 31 Oct 2025 10:13
Operator : JC\MD
Sample : VN1031WBL01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

Quant Time: Nov 01 00:27:40 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

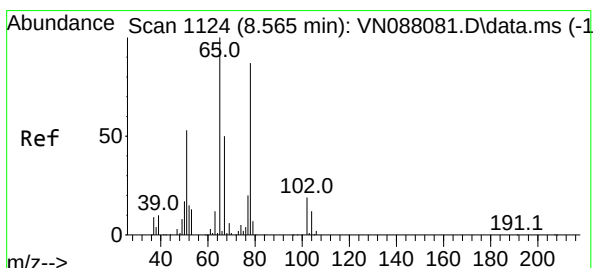
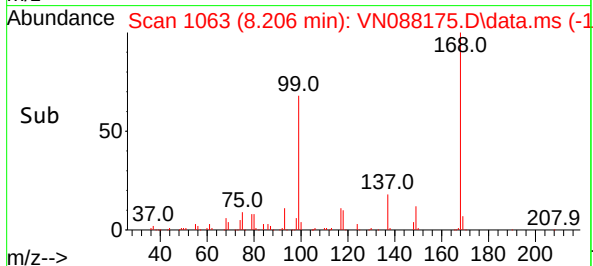
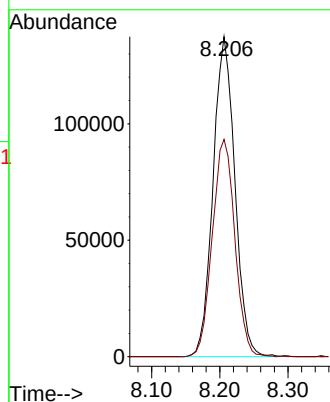
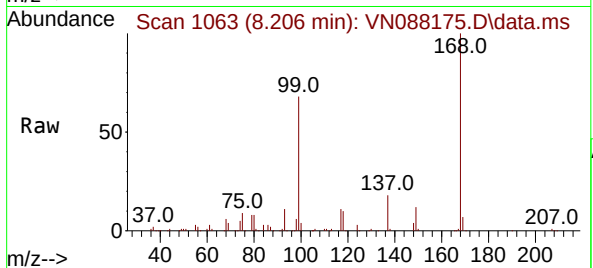




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

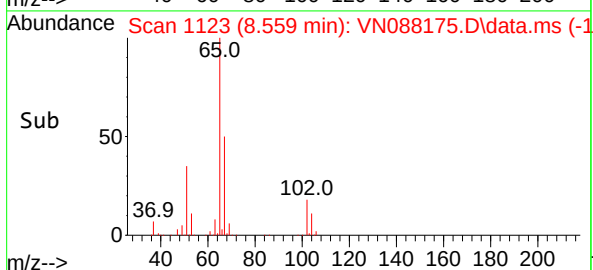
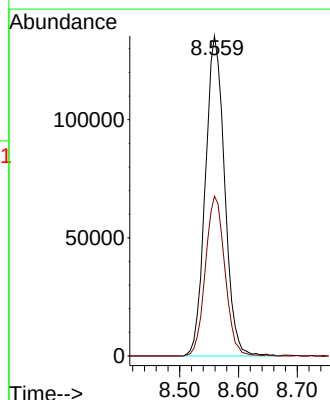
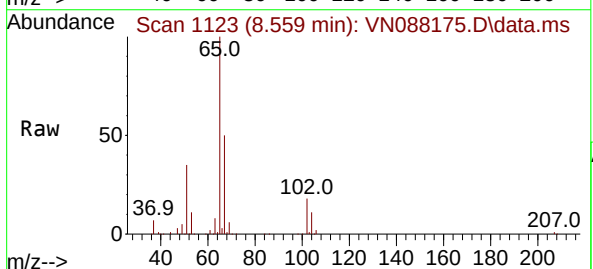
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

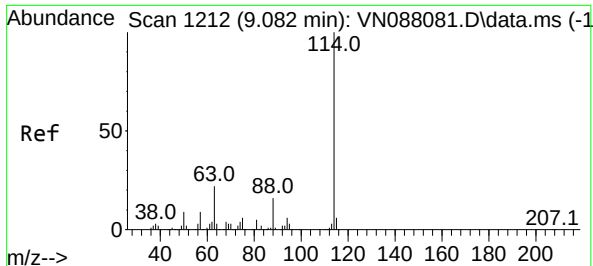
Tgt Ion:168 Resp: 306226
Ion Ratio Lower Upper
168 100
99 67.9 57.2 85.8



#33
1,2-Dichloroethane-d4
Concen: 58.180 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. 0.000 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

Tgt Ion: 65 Resp: 308082
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.0

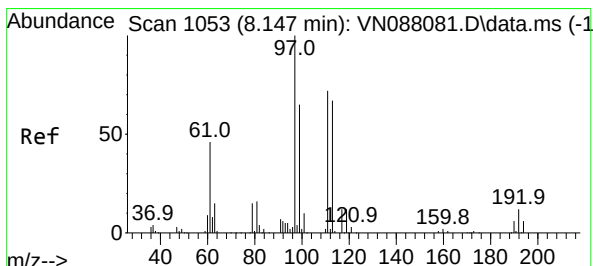
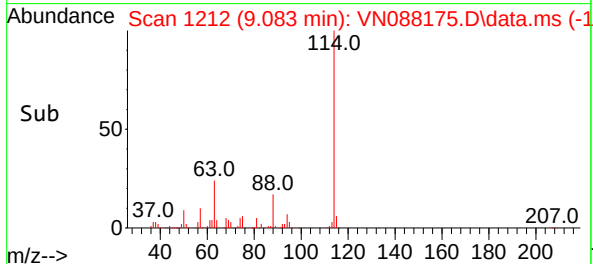
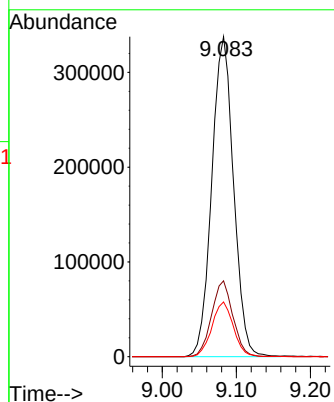
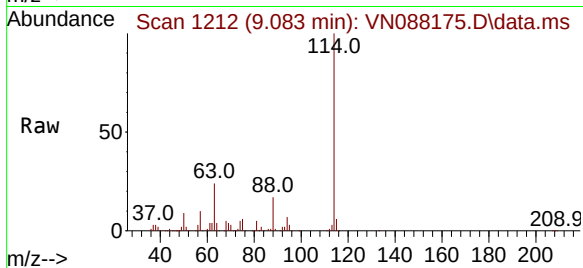




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

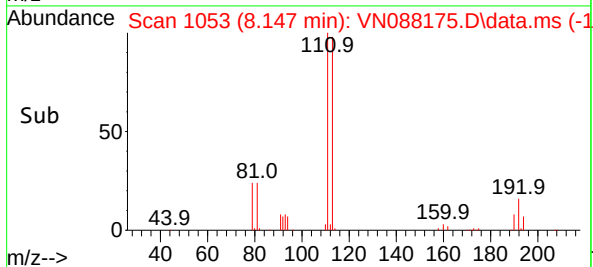
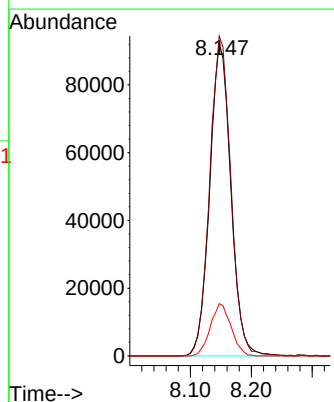
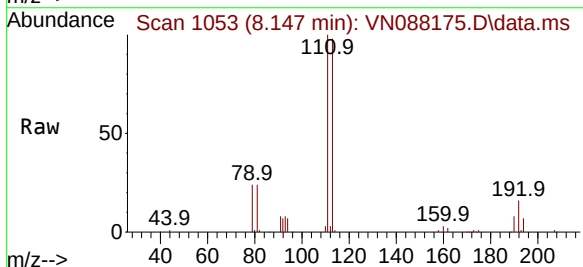
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

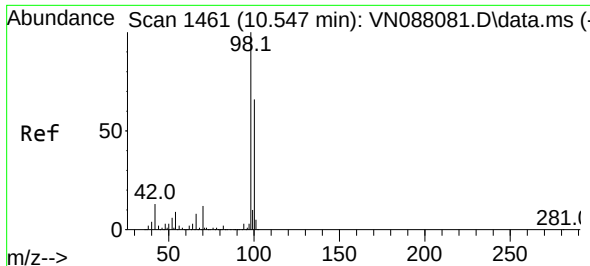
Tgt Ion:114 Resp: 688960
Ion Ratio Lower Upper
114 100
63 23.7 0.0 45.2
88 17.1 0.0 33.4



#35
Dibromofluoromethane
Concen: 48.020 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

Tgt Ion:113 Resp: 222261
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 16.4 12.8 19.2

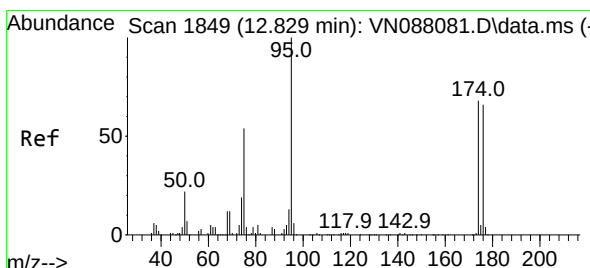
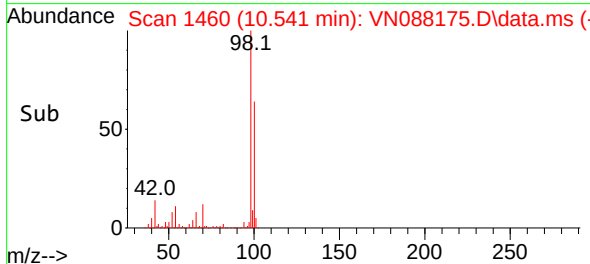
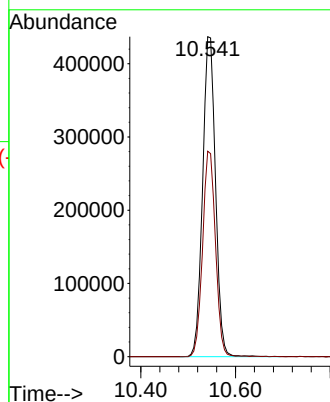
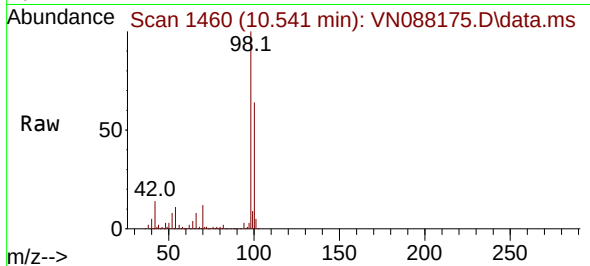




#50
Toluene-d8
Concen: 46.224 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

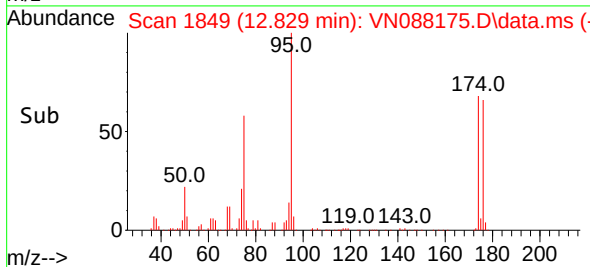
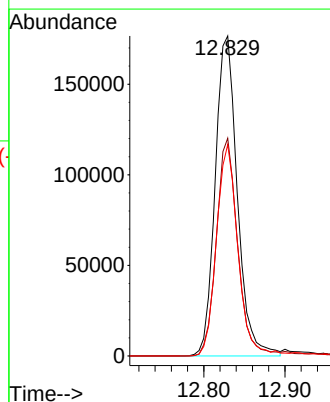
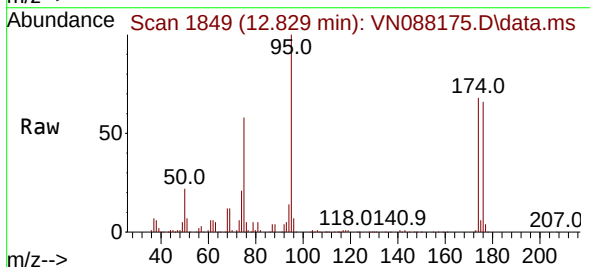
Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

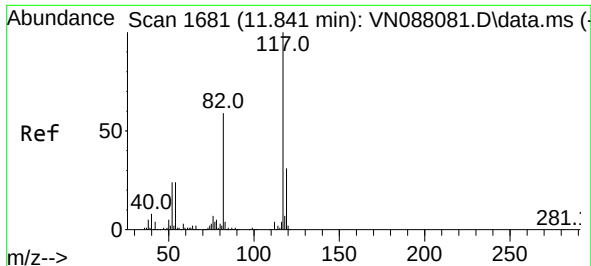
Tgt Ion: 98 Resp: 824372
Ion Ratio Lower Upper
98 100
100 64.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 53.256 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

Tgt Ion: 95 Resp: 335430
Ion Ratio Lower Upper
95 100
174 66.0 0.0 138.4
176 64.1 0.0 132.6

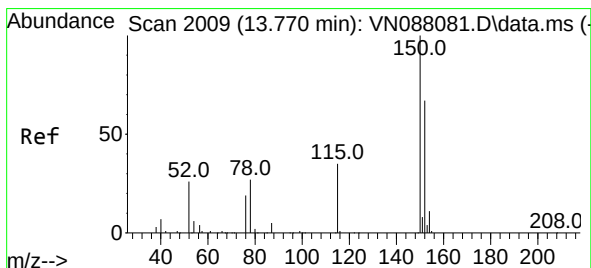
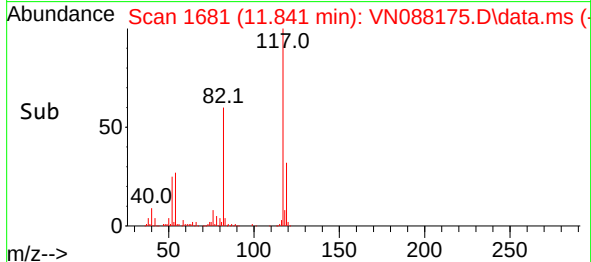
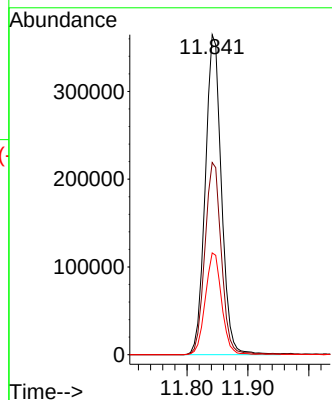
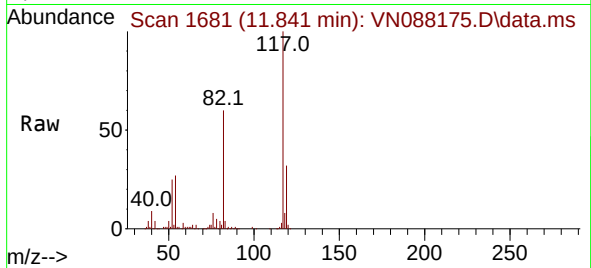




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

Instrument :
MSVOA_N
ClientSampleId :
VN1031WBL01

Tgt Ion:117 Resp: 672823
Ion Ratio Lower Upper
117 100
82 60.1 47.4 71.2
119 31.8 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.771 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088175.D
Acq: 31 Oct 2025 10:13

Tgt Ion:152 Resp: 336304
Ion Ratio Lower Upper
152 100
115 66.4 32.3 96.8
150 157.0 0.0 351.0

