

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
 Data File : VN088513.D
 Acq On : 10 Dec 2025 19:38
 Operator : JC\MD
 Sample : Q3826-14
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

Quant Time: Dec 11 02:15:41 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)

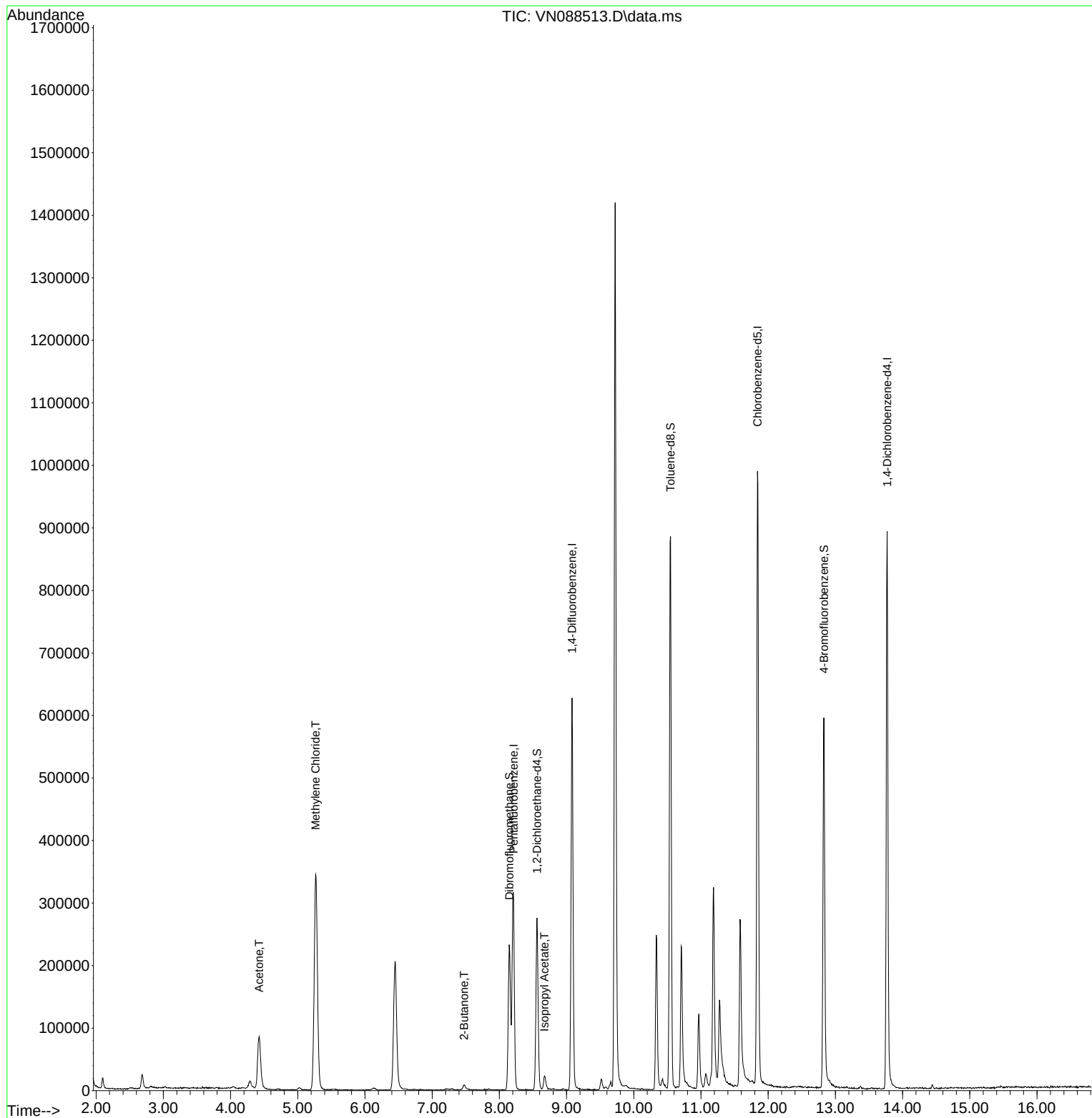
Internal Standards						
1) Pentafluorobenzene	8.212	168	209105	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	483731	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	523529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	228541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	230593	58.539	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	117.080%	
35) Dibromofluoromethane	8.147	113	165913	49.493	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.980%	
50) Toluene-d8	10.547	98	583238	46.760	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.520%	
62) 4-Bromofluorobenzene	12.829	95	216603	50.612	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	101.220%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	178501	125.300	ug/l	99
20) Methylene Chloride	5.265	84	262355	86.076	ug/l	96
25) 2-Butanone	7.477	43	17154	7.490	ug/l #	81
43) Isopropyl Acetate	8.671	43	28409	2.733	ug/l #	91

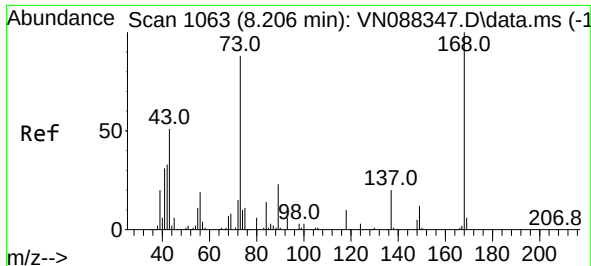
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121025\
Data File : VN088513.D
Acq On : 10 Dec 2025 19:38
Operator : JC\MD
Sample : Q3826-14
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Quant Time: Dec 11 02:15:41 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

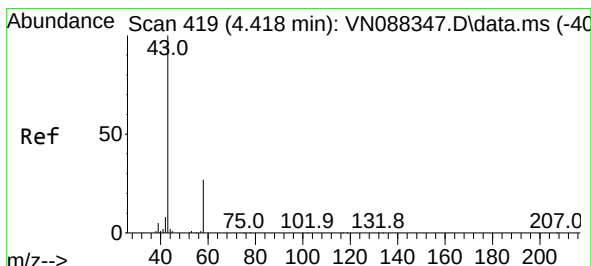
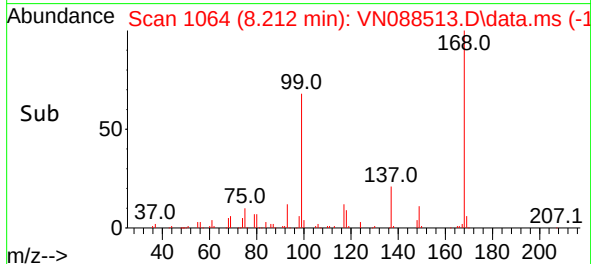
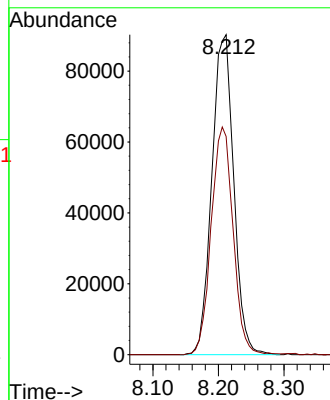
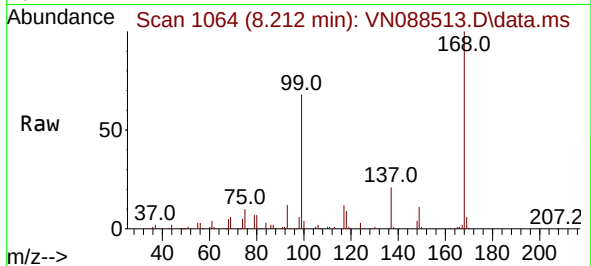




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

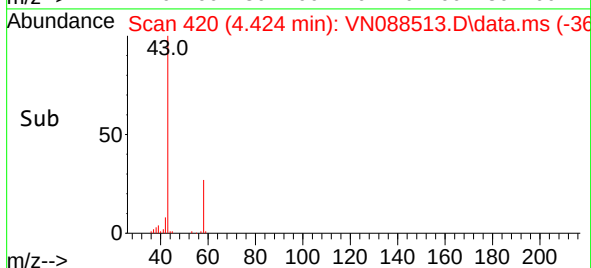
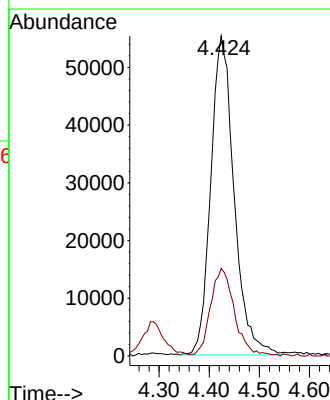
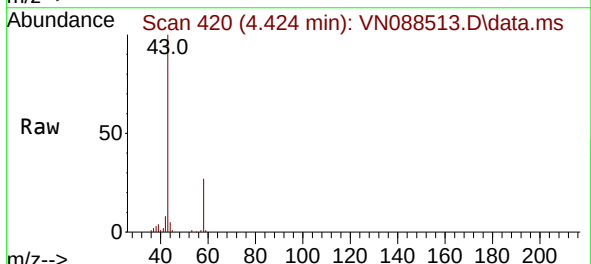
Instrument :
MSVOA_N
ClientSampleId :
TP-3

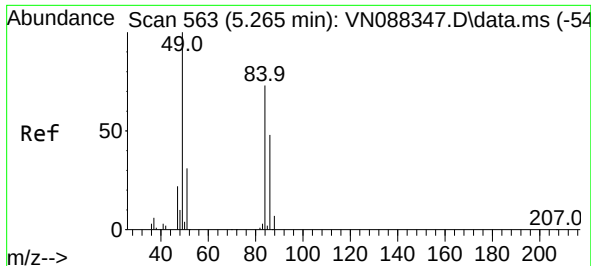
Tgt Ion:168 Resp: 209105
Ion Ratio Lower Upper
168 100
99 68.2 57.1 85.7



#16
Acetone
Concen: 125.300 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

Tgt Ion: 43 Resp: 178501
Ion Ratio Lower Upper
43 100
58 27.4 21.7 32.5

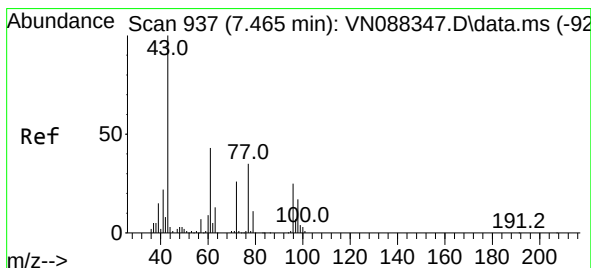
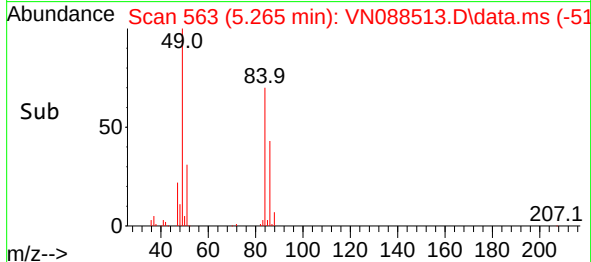
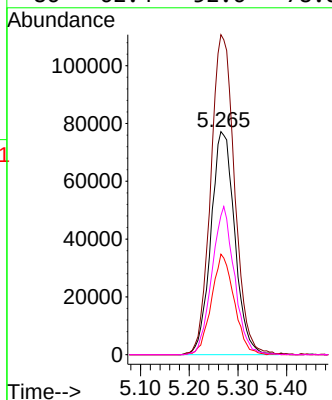
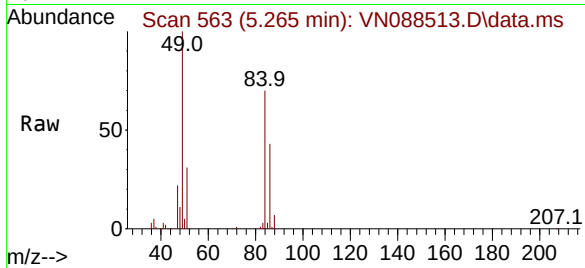




#20
Methylene Chloride
Concen: 86.076 ug/l
RT: 5.265 min Scan# 50
Delta R.T. -0.000 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

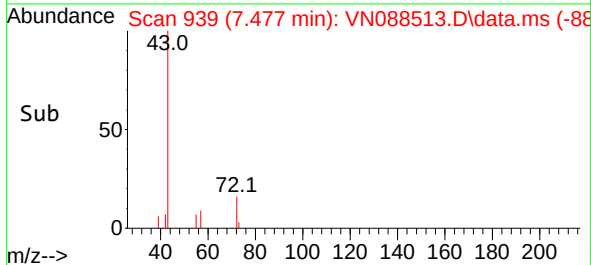
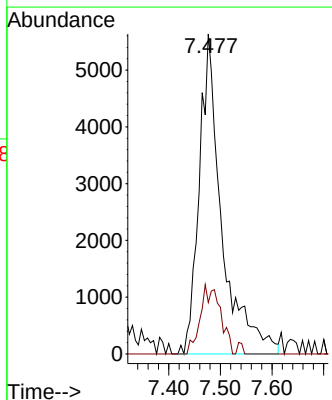
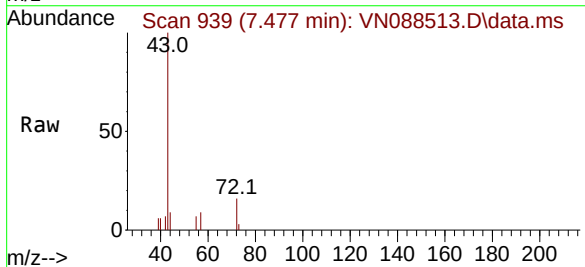
Instrument :
MSVOA_N
ClientSampleId :
TP-3

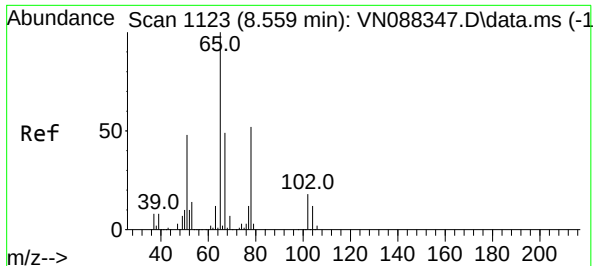
Tgt Ion: 84 Resp: 262355
Ion Ratio Lower Upper
84 100
49 143.5 110.2 165.2
51 45.1 34.1 51.1
86 62.4 52.6 78.8



#25
2-Butanone
Concen: 7.490 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

Tgt Ion: 43 Resp: 17154
Ion Ratio Lower Upper
43 100
72 16.1 20.5 30.7#

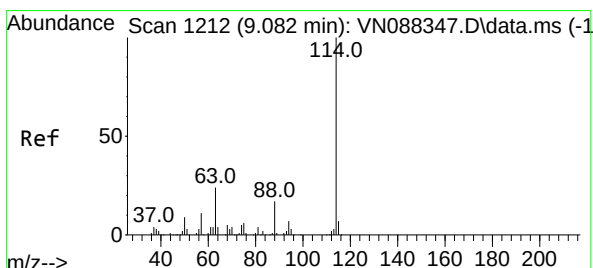
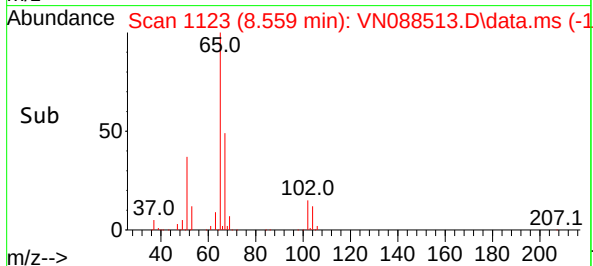
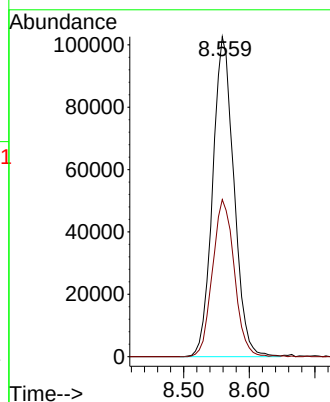
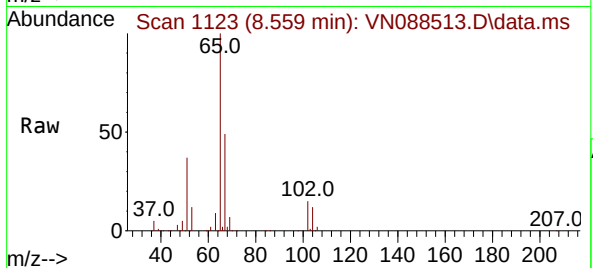




#33
 1,2-Dichloroethane-d4
 Concen: 58.539 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN088513.D
 Acq: 10 Dec 2025 19:38

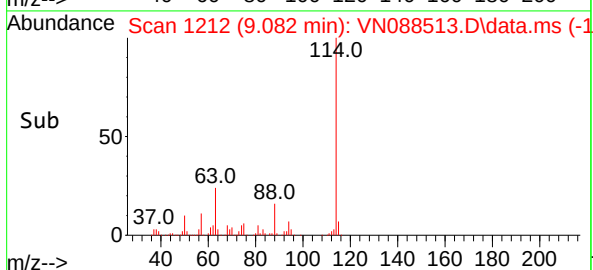
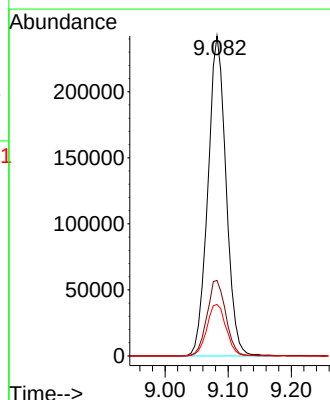
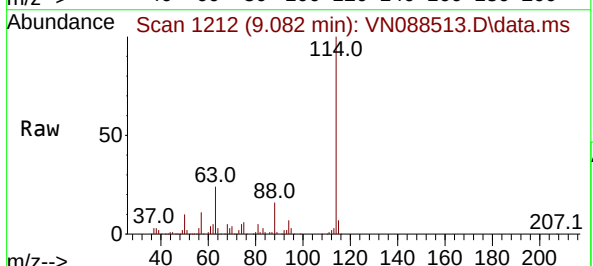
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-3

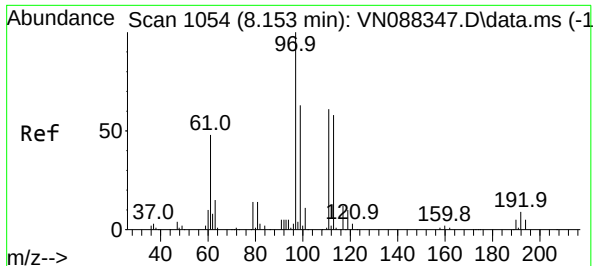
Tgt Ion: 65 Resp: 230593
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088513.D
 Acq: 10 Dec 2025 19:38

Tgt Ion: 114 Resp: 483731
 Ion Ratio Lower Upper
 114 100
 63 23.6 0.0 49.0
 88 16.1 0.0 34.0

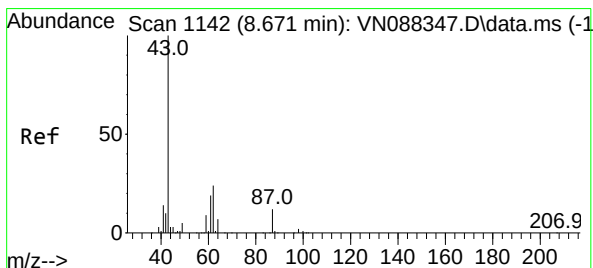
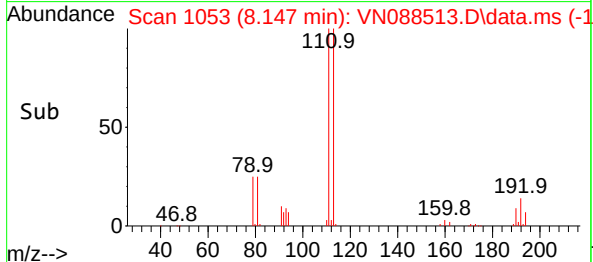
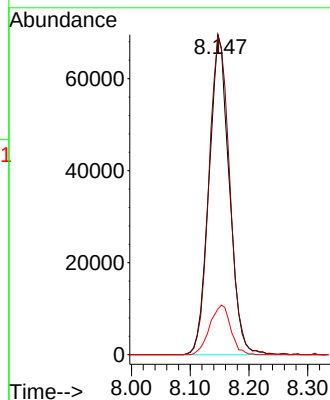
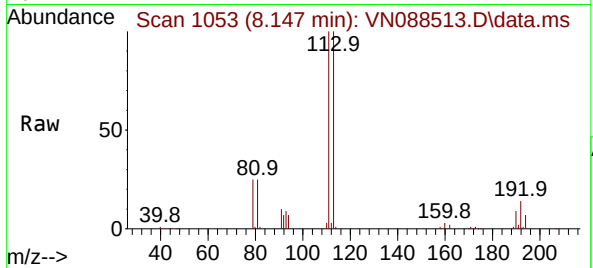




#35
Dibromofluoromethane
Concen: 49.493 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

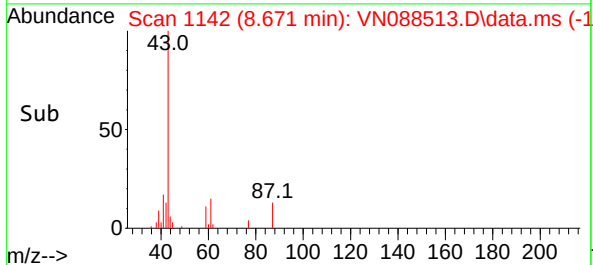
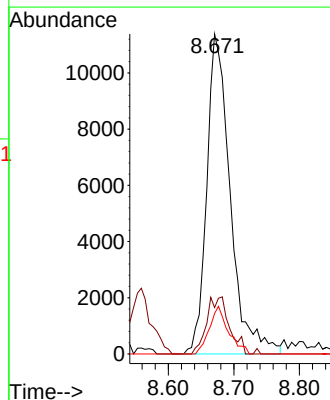
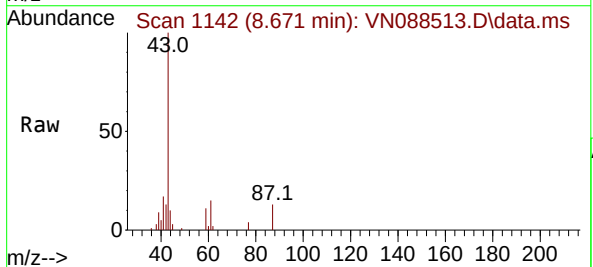
Instrument :
MSVOA_N
ClientSampleId :
TP-3

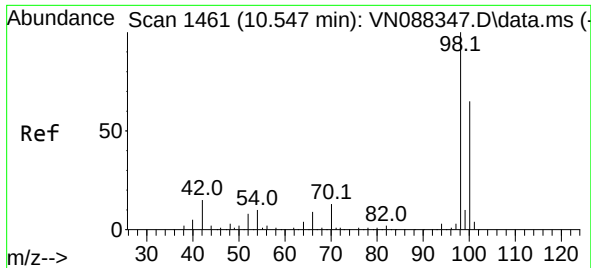
Tgt Ion:113 Resp: 165913
Ion Ratio Lower Upper
113 100
111 102.3 82.5 123.7
192 16.1 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.733 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.000 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

Tgt Ion: 43 Resp: 28409
Ion Ratio Lower Upper
43 100
61 17.1 18.7 28.1#
87 12.1 9.1 13.7

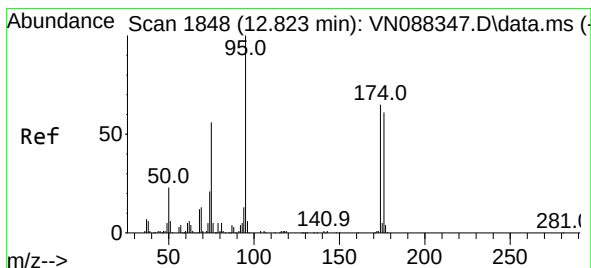
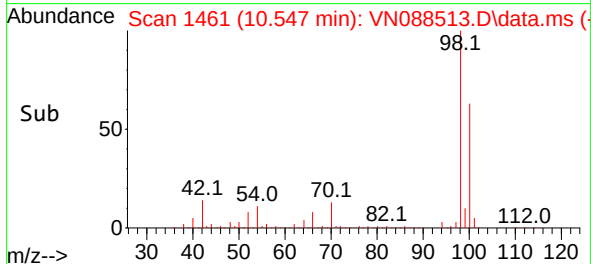
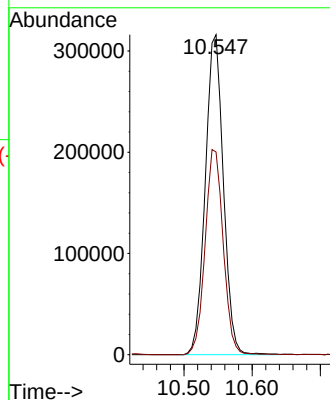
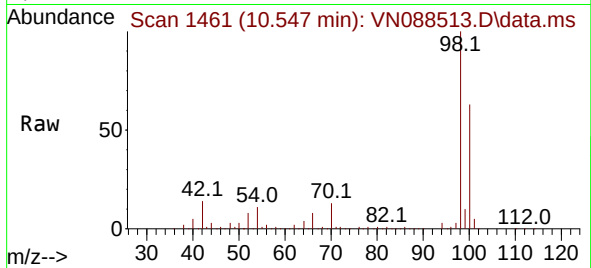




#50
Toluene-d8
Concen: 46.760 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

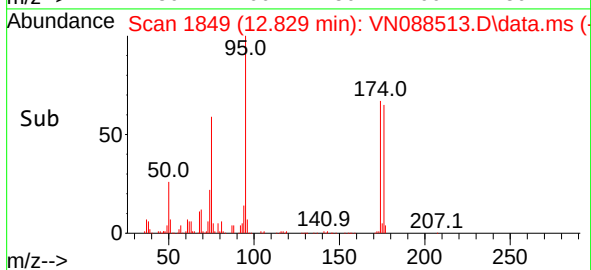
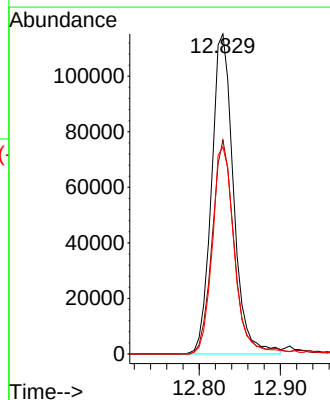
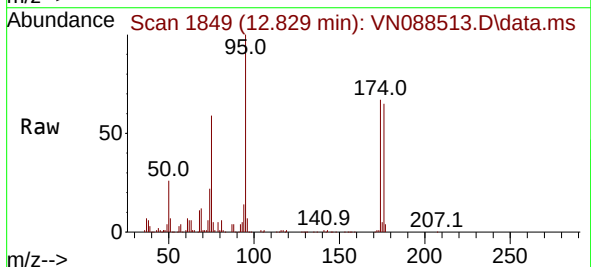
Instrument :
MSVOA_N
ClientSampleId :
TP-3

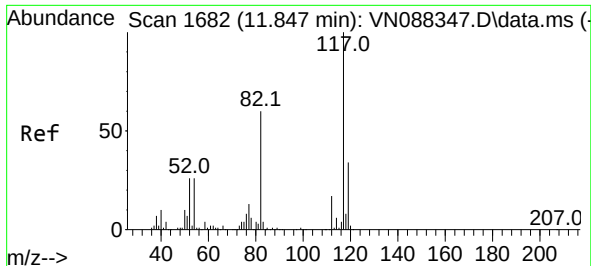
Tgt Ion: 98 Resp: 583238
Ion Ratio Lower Upper
98 100
100 64.3 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 50.612 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

Tgt Ion: 95 Resp: 216603
Ion Ratio Lower Upper
95 100
174 66.9 0.0 139.0
176 65.2 0.0 132.4

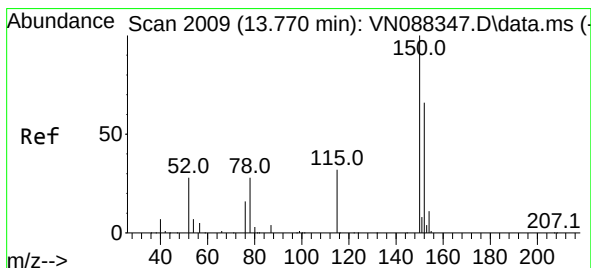
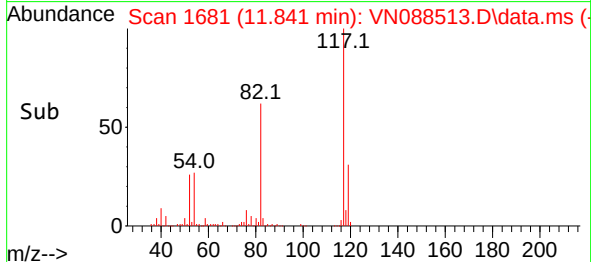
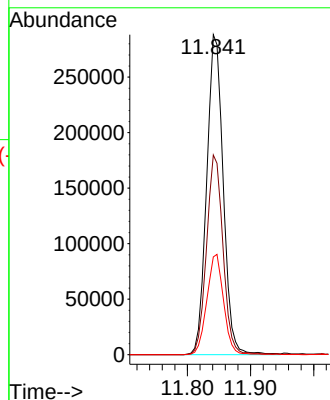
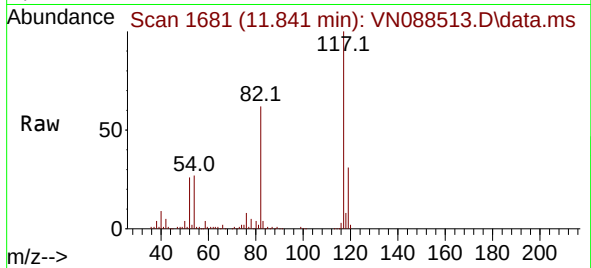




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN088513.D
Acq: 10 Dec 2025 19:38

Instrument :
MSVOA_N
ClientSampleId :
TP-3

Tgt Ion:117 Resp: 523529
Ion Ratio Lower Upper
117 100
82 62.4 47.8 71.8
119 30.5 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: VN088513.D
Acq: 10 Dec 2025 19:38

Tgt Ion:152 Resp: 228541
Ion Ratio Lower Upper
152 100
115 65.4 33.0 98.9
150 159.1 0.0 349.0

