

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111125\
 Data File : VN088257.D
 Acq On : 11 Nov 2025 15:06
 Operator : JC\MD
 Sample : Q3601-08
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

Quant Time: Nov 12 01:16:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

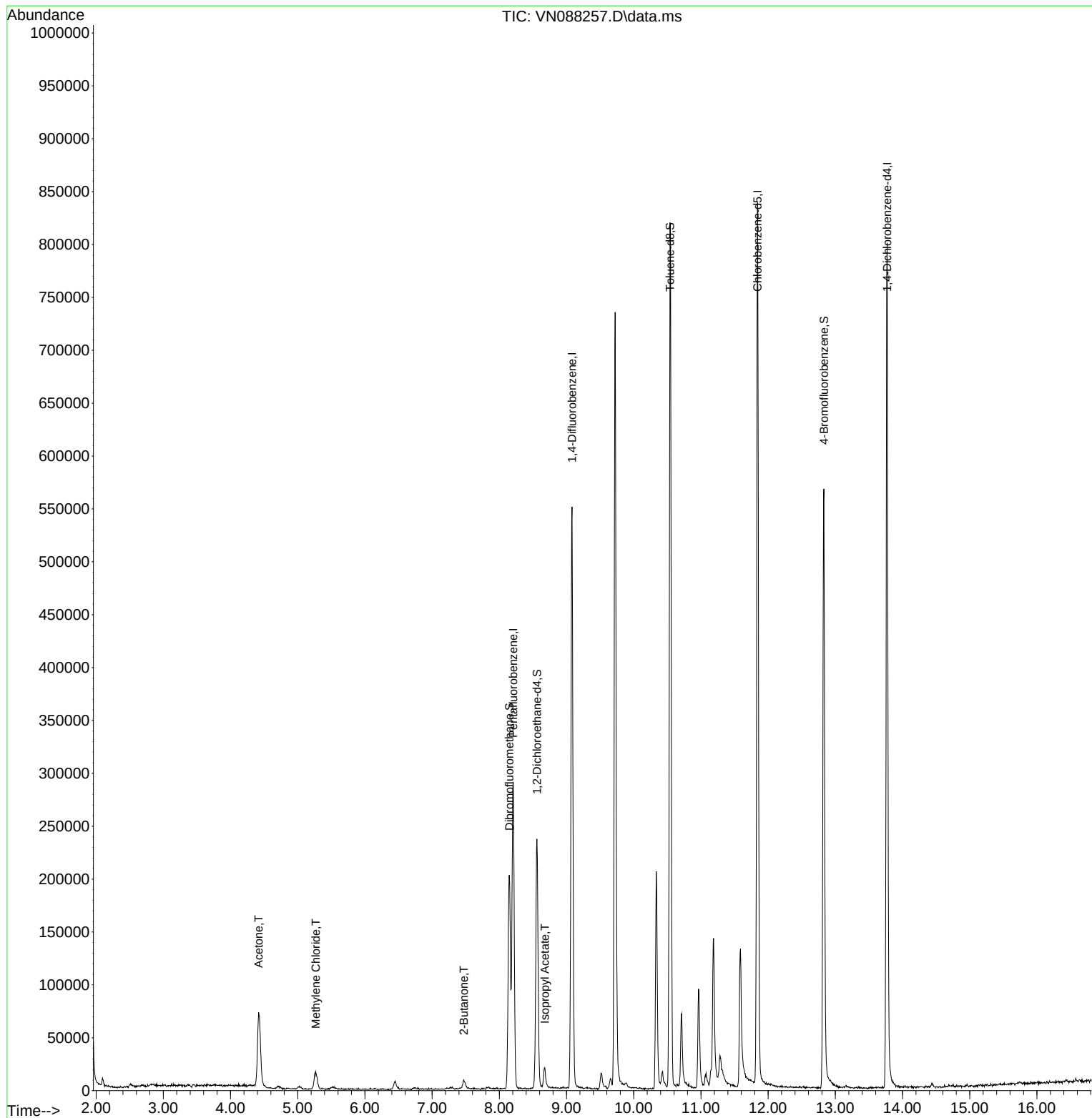
Internal Standards						
1) Pentafluorobenzene	8.206	168	195985	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	444623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	440729	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	211747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	200027	59.023	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	118.040%	
35) Dibromofluoromethane	8.147	113	147248	49.296	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	98.600%	
50) Toluene-d8	10.541	98	539638	46.887	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	93.780%	
62) 4-Bromofluorobenzene	12.829	95	206142	50.715	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	101.440%	
Target Compounds						
					Qvalue	
16) Acetone	4.418	43	146267	85.909	ug/l	100
20) Methylene Chloride	5.271	84	12334	4.316	ug/l	94
25) 2-Butanone	7.471	43	16384	7.302	ug/l	96
43) Isopropyl Acetate	8.677	43	24886	2.878	ug/l #	89

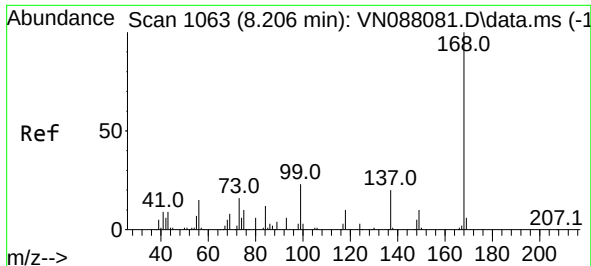
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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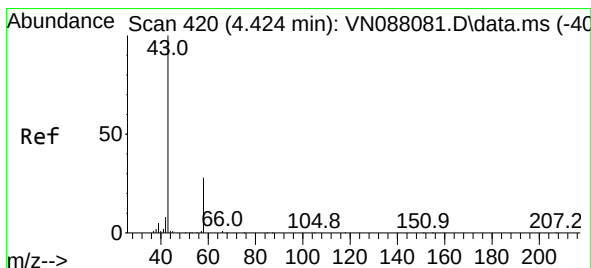
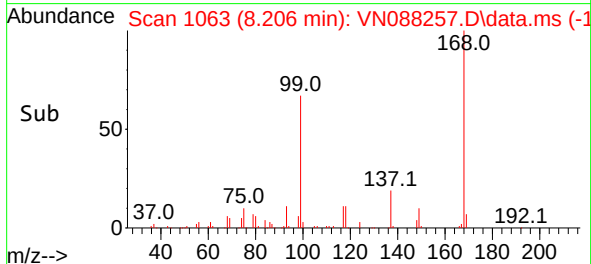
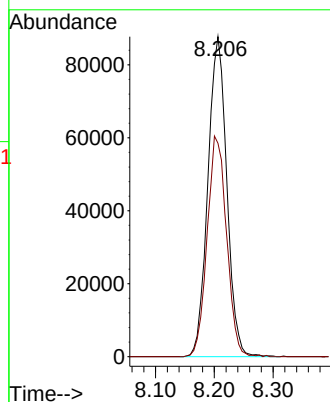
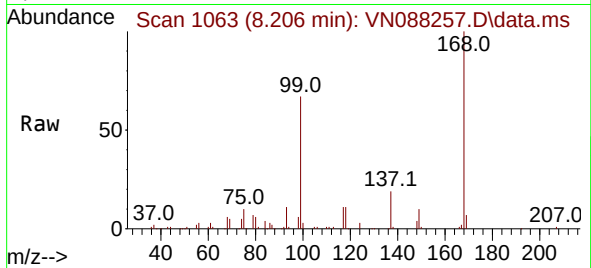




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

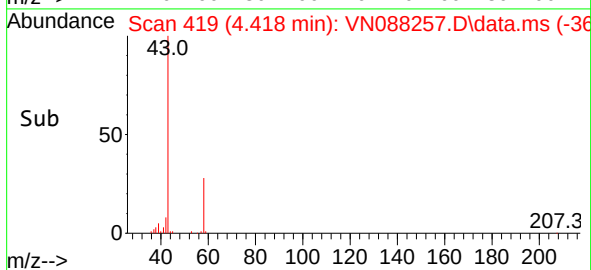
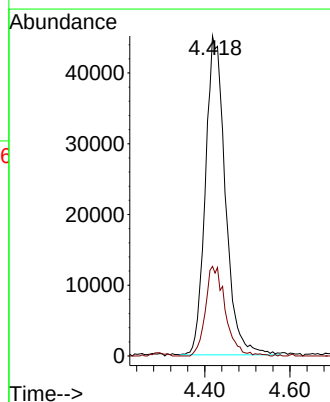
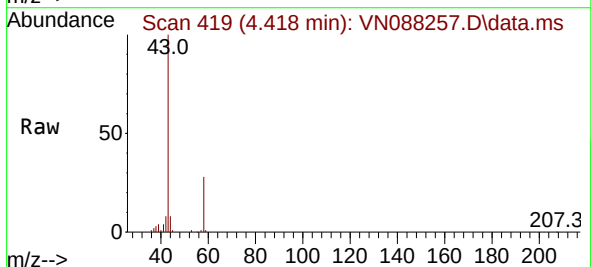
Instrument :
MSVOA_N
ClientSampleId :
TP-2

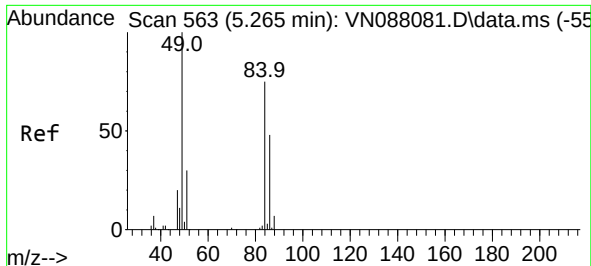
Tgt Ion:168 Resp: 195985
Ion Ratio Lower Upper
168 100
99 66.7 57.2 85.8



#16
Acetone
Concen: 85.909 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 43 Resp: 146267
Ion Ratio Lower Upper
43 100
58 28.1 22.6 33.8

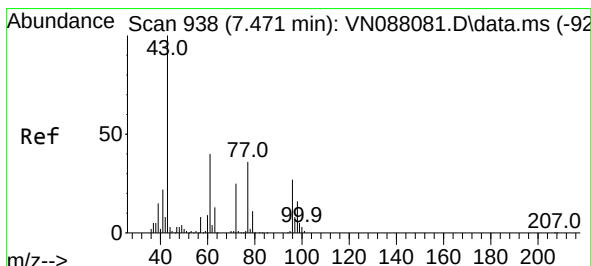
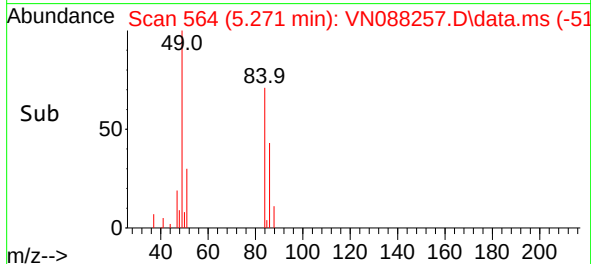
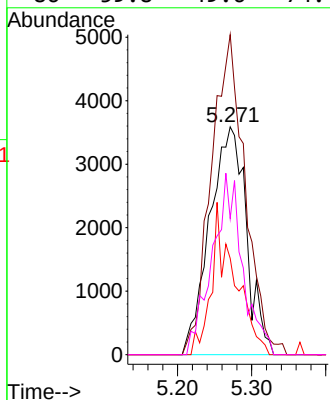
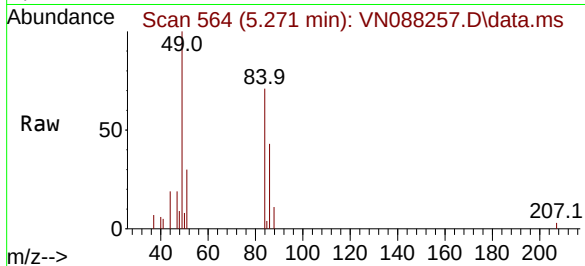




#20
Methylene Chloride
Concen: 4.316 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

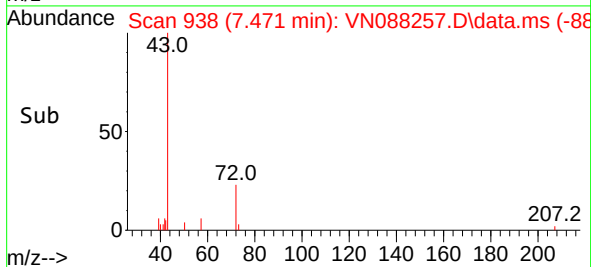
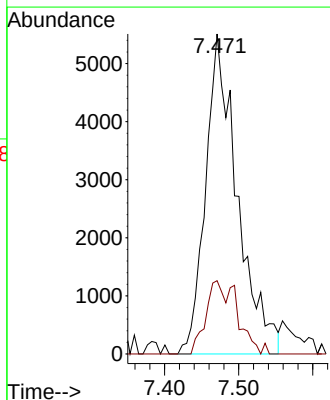
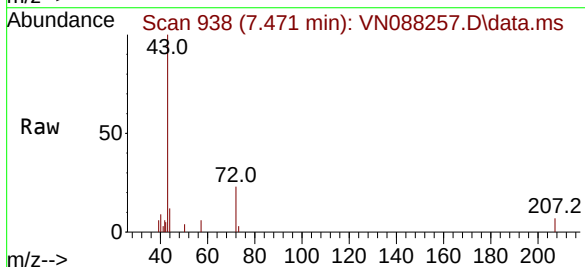
Instrument :
MSVOA_N
ClientSampleId :
TP-2

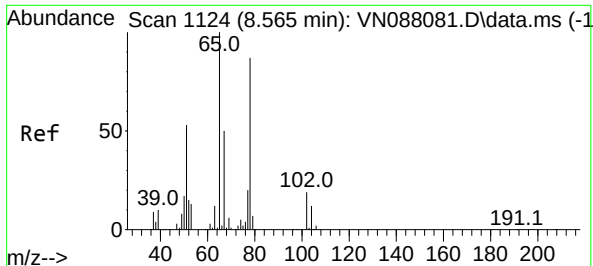
Tgt Ion:	84	Resp:	12334
Ion	Ratio	Lower	Upper
84	100		
49	140.5	103.4	155.2
51	42.3	33.8	50.8
86	59.8	49.6	74.4



#25
2-Butanone
Concen: 7.302 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

Tgt Ion:	43	Resp:	16384
Ion	Ratio	Lower	Upper
43	100		
72	22.9	19.9	29.9

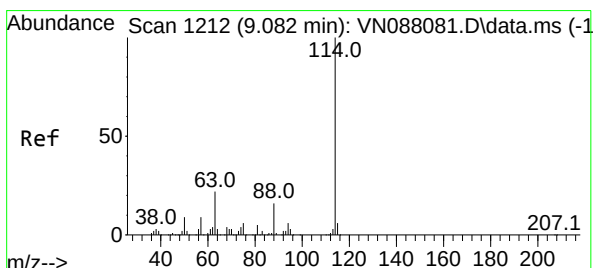
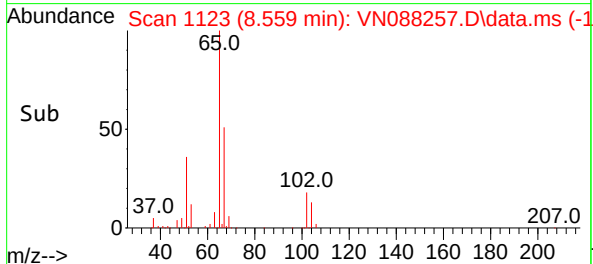
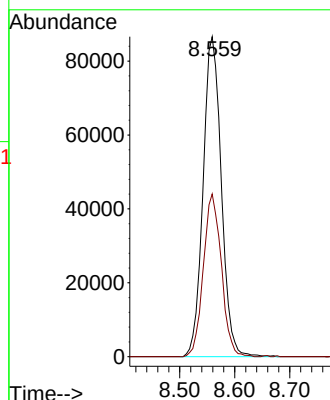
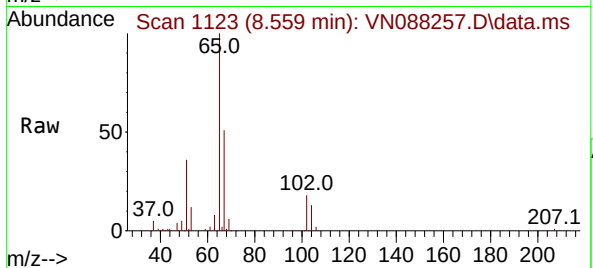




#33
1,2-Dichloroethane-d4
Concen: 59.023 ug/l
RT: 8.559 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

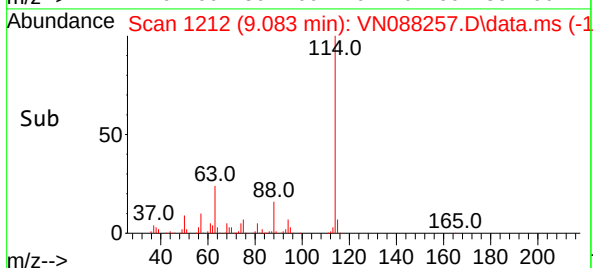
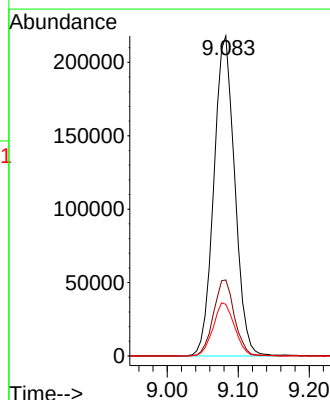
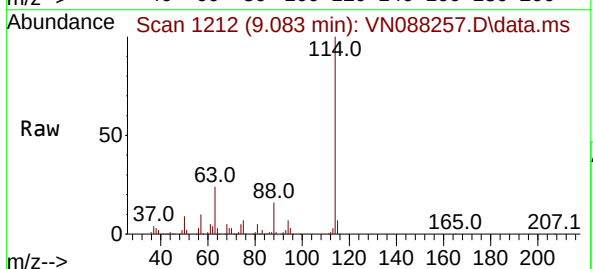
Instrument :
MSVOA_N
ClientSampleId :
TP-2

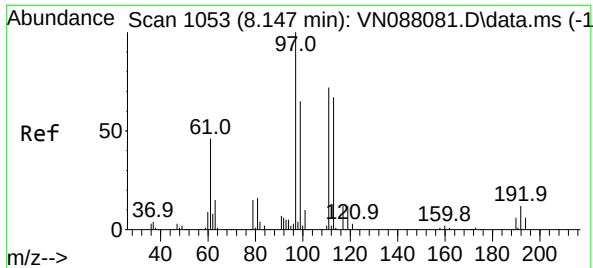
Tgt Ion: 65 Resp: 200027
Ion Ratio Lower Upper
65 100
67 50.1 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 114 Resp: 444623
Ion Ratio Lower Upper
114 100
63 23.8 0.0 45.2
88 16.2 0.0 33.4

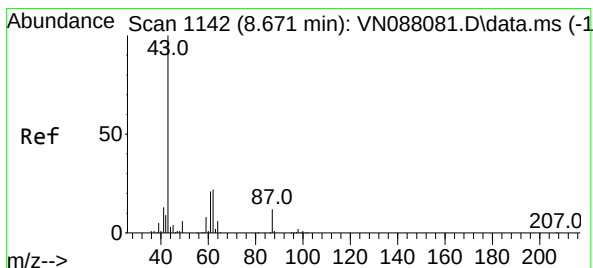
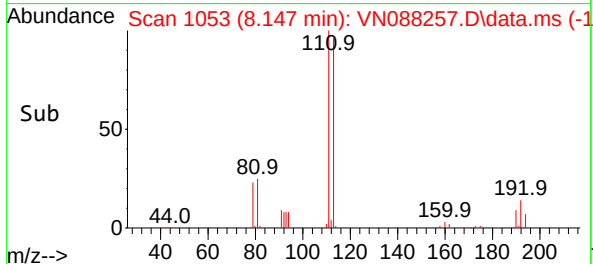
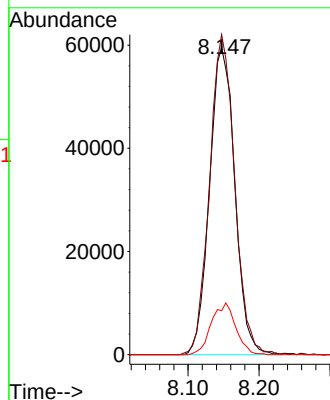
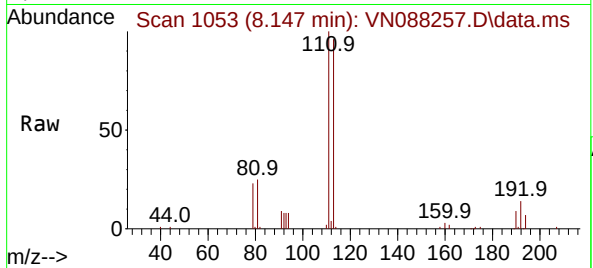




#35
 Dibromofluoromethane
 Concen: 49.296 ug/l
 RT: 8.147 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: VN088257.D
 Acq: 11 Nov 2025 15:06

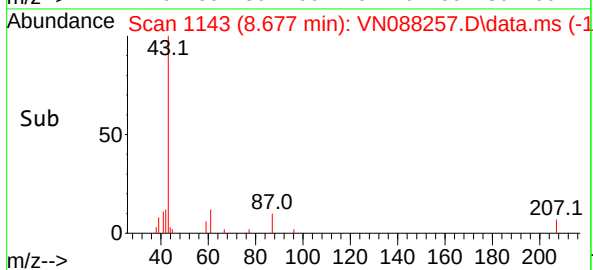
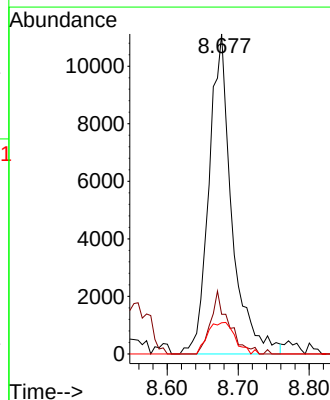
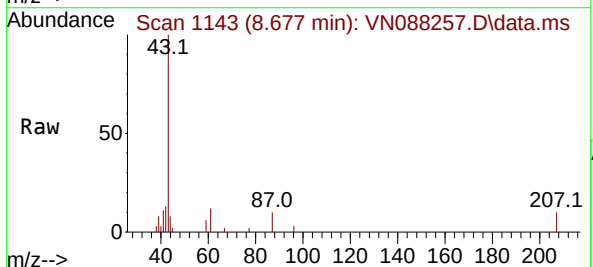
Instrument :
 MSVOA_N
 ClientSampleId :
 TP-2

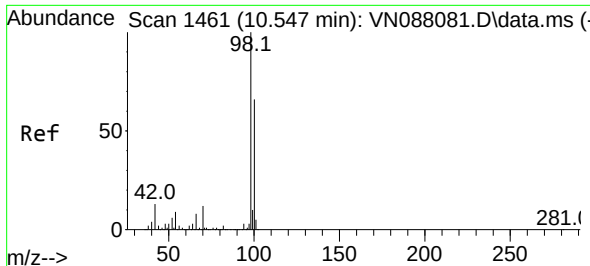
Tgt Ion:113 Resp: 147248
 Ion Ratio Lower Upper
 113 100
 111 103.3 82.8 124.2
 192 16.3 12.8 19.2



#43
 Isopropyl Acetate
 Concen: 2.878 ug/l
 RT: 8.677 min Scan# 1143
 Delta R.T. 0.006 min
 Lab File: VN088257.D
 Acq: 11 Nov 2025 15:06

Tgt Ion: 43 Resp: 24886
 Ion Ratio Lower Upper
 43 100
 61 15.7 18.8 28.2#
 87 11.8 9.6 14.4

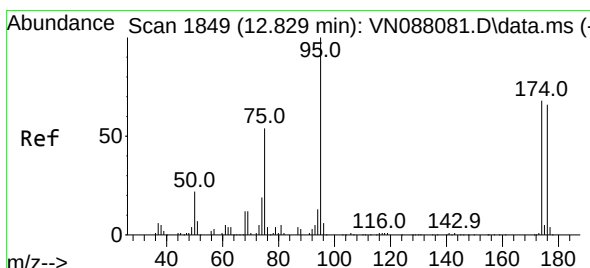
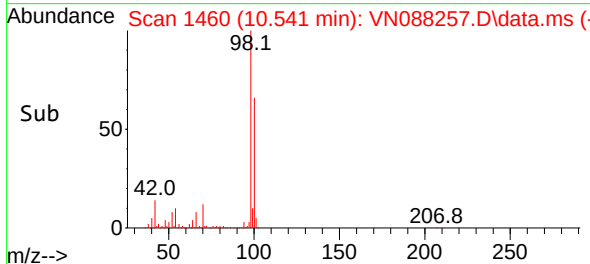
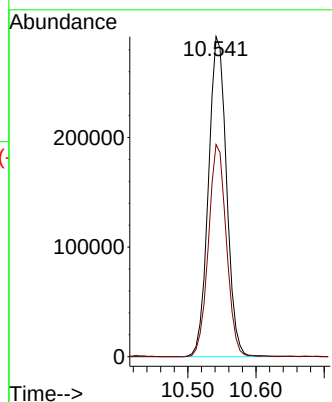
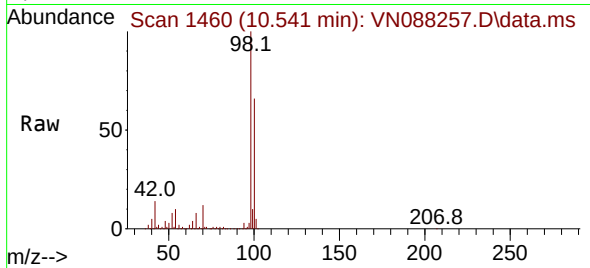




#50
Toluene-d8
Concen: 46.887 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

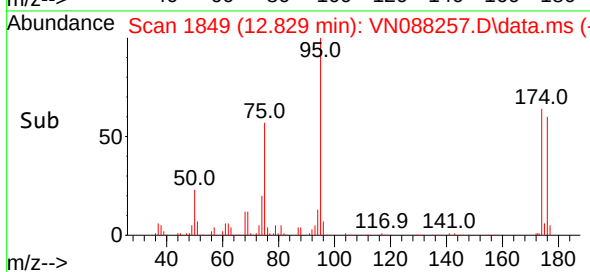
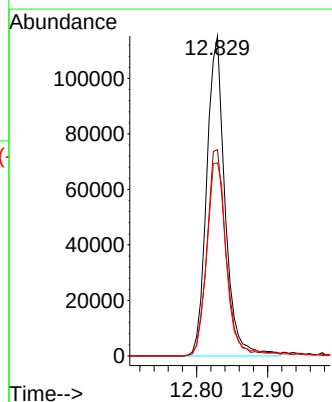
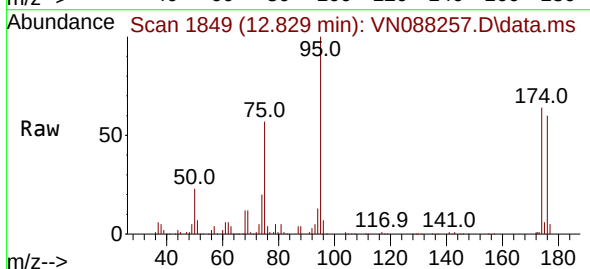
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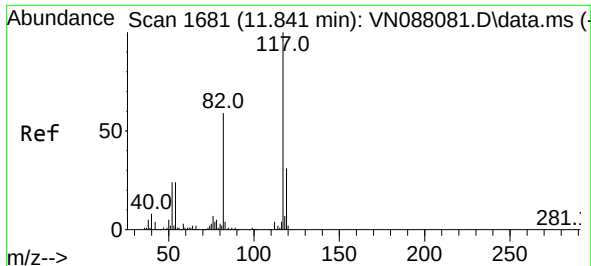
Tgt Ion: 98 Resp: 539638
Ion Ratio Lower Upper
98 100
100 65.8 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 50.715 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

Tgt Ion: 95 Resp: 206142
Ion Ratio Lower Upper
95 100
174 68.9 0.0 138.4
176 66.0 0.0 132.6

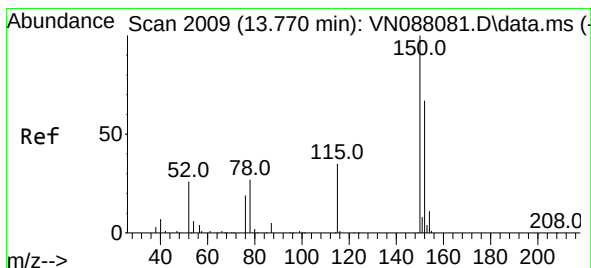
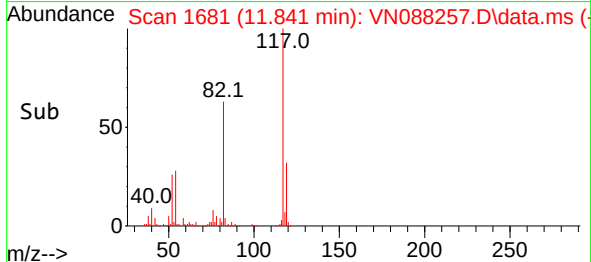
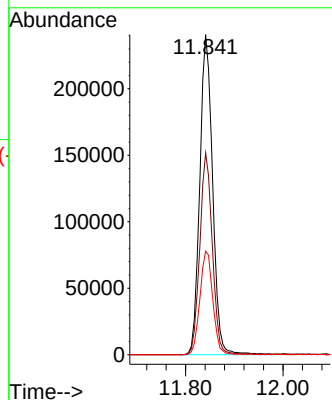
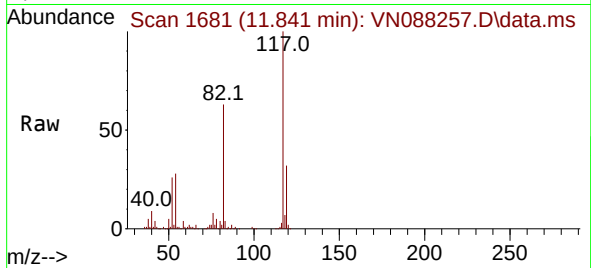




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN088257.D
Acq: 11 Nov 2025 15:06

Instrument :
MSVOA_N
ClientSampleId :
TP-2

Tgt Ion:117 Resp: 440729
Ion Ratio Lower Upper
117 100
82 63.1 47.4 71.2
119 32.4 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: VN088257.D
Acq: 11 Nov 2025 15:06

Tgt Ion:152 Resp: 211747
Ion Ratio Lower Upper
152 100
115 64.5 32.3 96.8
150 156.1 0.0 351.0

