

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088207.D
 Acq On : 06 Nov 2025 15:31
 Operator : JC\MD
 Sample : PB170395TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB170395TB

Quant Time: Nov 07 02:20:50 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)

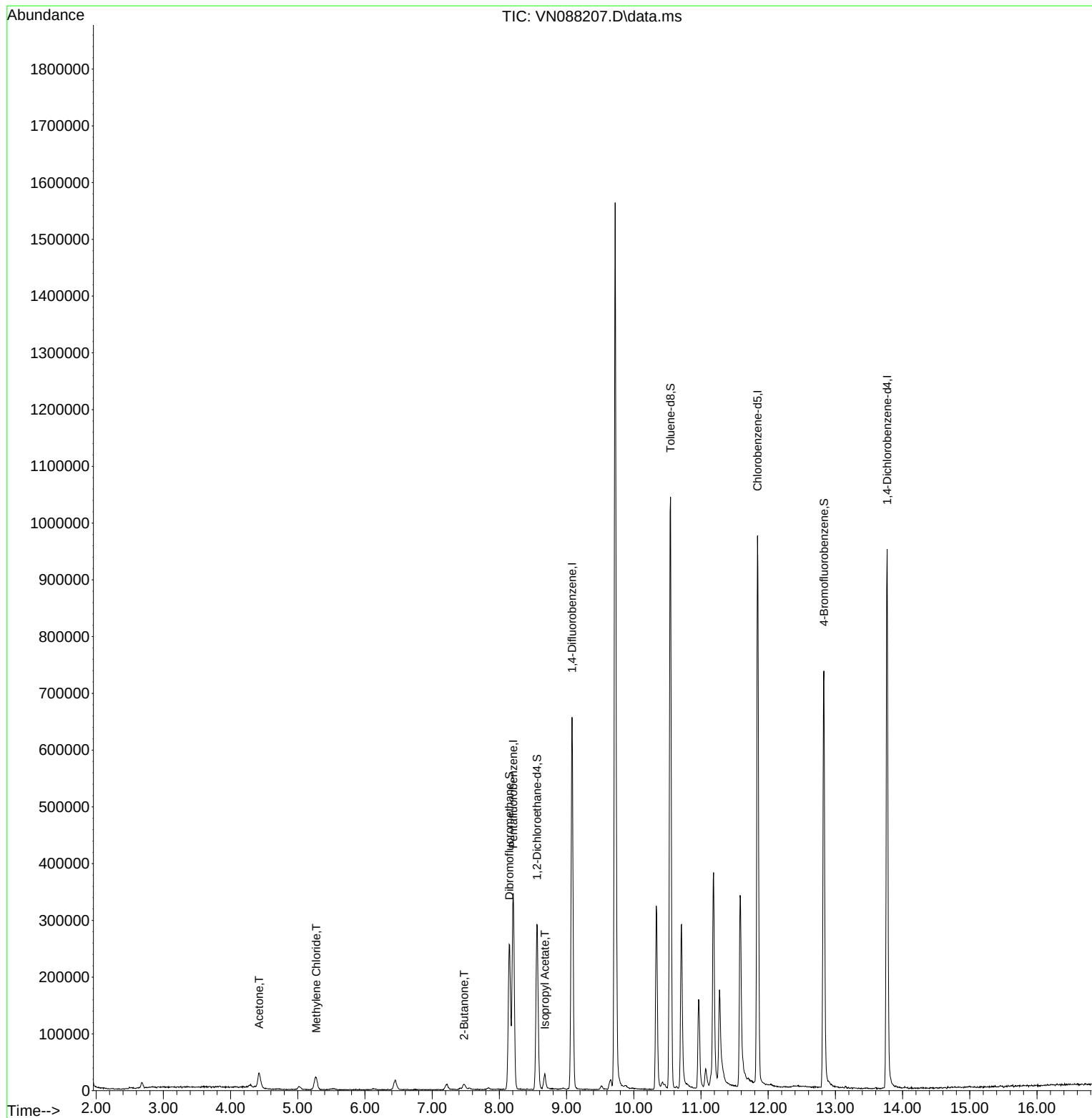
Internal Standards						
1) Pentafluorobenzene	8.206	168	233689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	536314	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	518150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	247969	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	244122	60.412	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 120.820%	
35) Dibromofluoromethane	8.147	113	184131	51.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.220%	
50) Toluene-d8	10.547	98	691185	49.787	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.580%	
62) 4-Bromofluorobenzene	12.829	95	271597	55.395	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 110.780%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	51226	25.233	ug/l	95
20) Methylene Chloride	5.277	84	17916	5.257	ug/l	92
25) 2-Butanone	7.477	43	18341	6.855	ug/l #	89
43) Isopropyl Acetate	8.677	43	31226	2.993	ug/l #	93

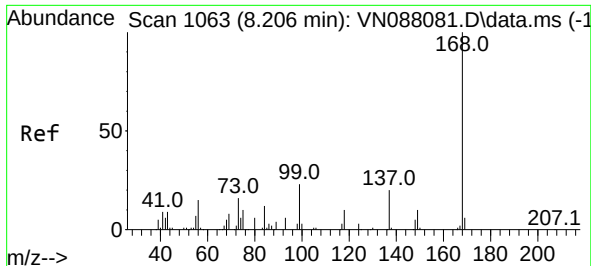
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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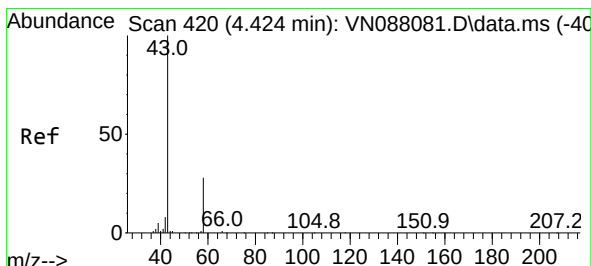
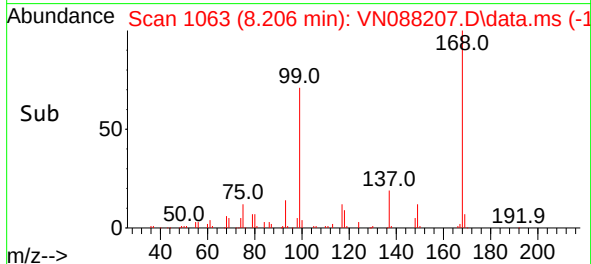
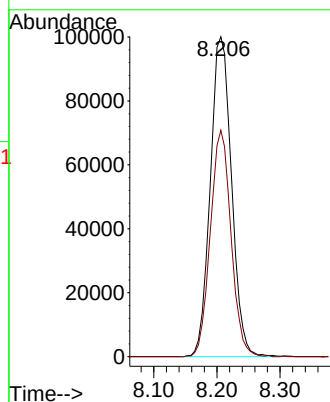
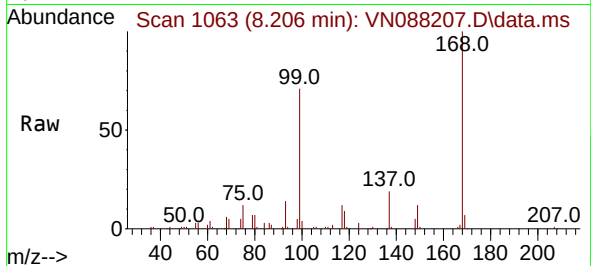




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

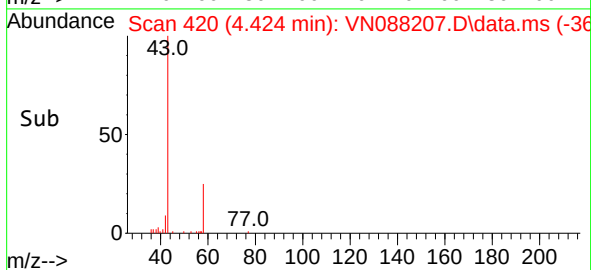
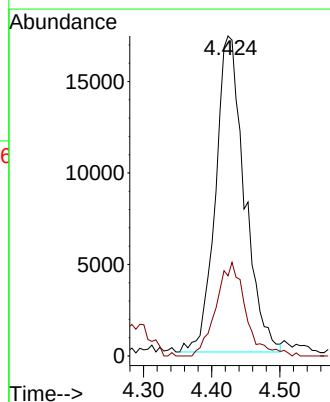
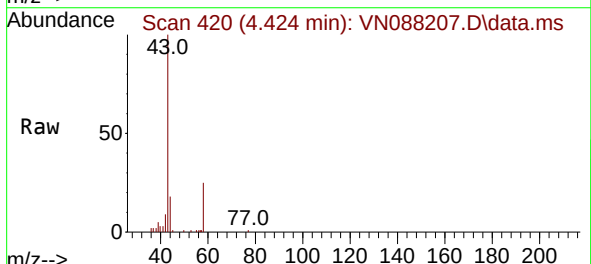
Instrument :
MSVOA_N
ClientSampleId :
PB170395TB

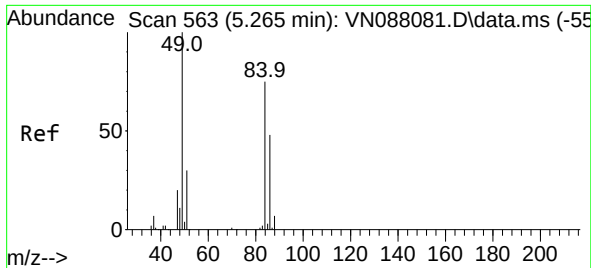
Tgt Ion:168 Resp: 233689
Ion Ratio Lower Upper
168 100
99 70.8 57.2 85.8



#16
Acetone
Concen: 25.233 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

Tgt Ion: 43 Resp: 51226
Ion Ratio Lower Upper
43 100
58 25.4 22.6 33.8

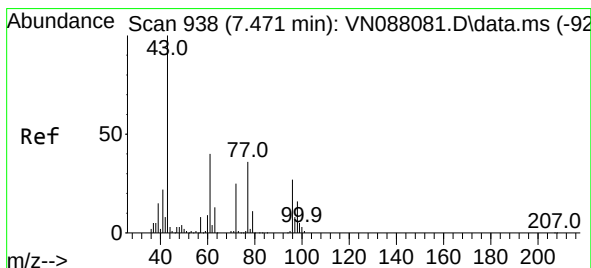
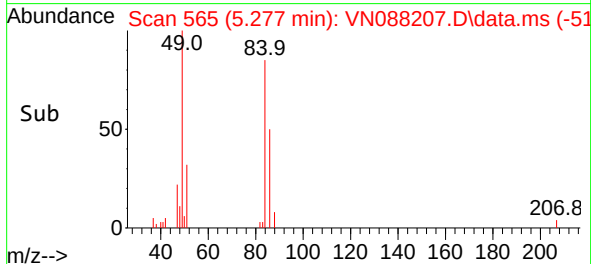
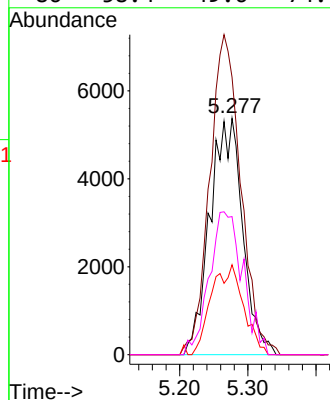
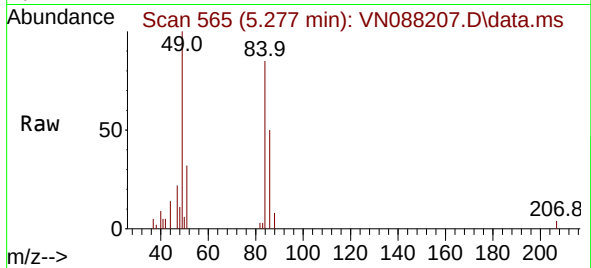




#20
Methylene Chloride
Concen: 5.257 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

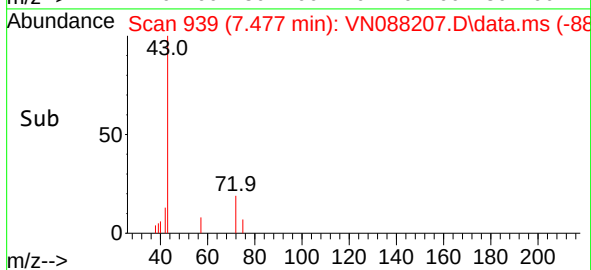
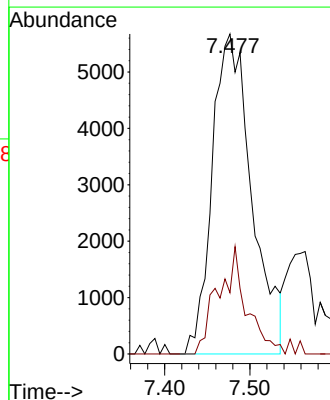
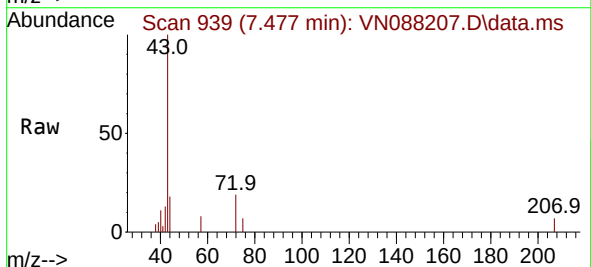
Instrument :
MSVOA_N
ClientSampleId :
PB170395TB

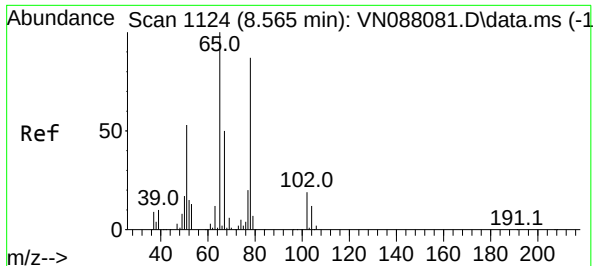
Tgt Ion:	84	Resp:	17916
Ion	Ratio	Lower	Upper
84	100		
49	117.4	103.4	155.2
51	38.1	33.8	50.8
86	58.4	49.6	74.4



#25
2-Butanone
Concen: 6.855 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.012 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

Tgt Ion:	43	Resp:	18341
Ion	Ratio	Lower	Upper
43	100		
72	19.2	19.9	29.9#





#33

1,2-Dichloroethane-d4

Concen: 60.412 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088207.D

Acq: 06 Nov 2025 15:31

Instrument :

MSVOA_N

ClientSampleId :

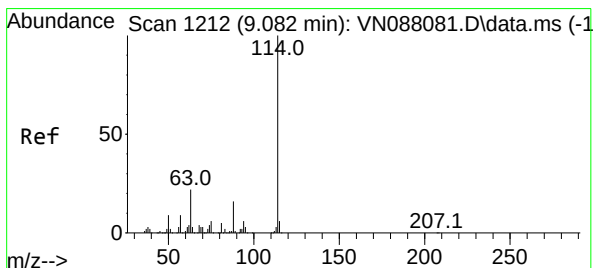
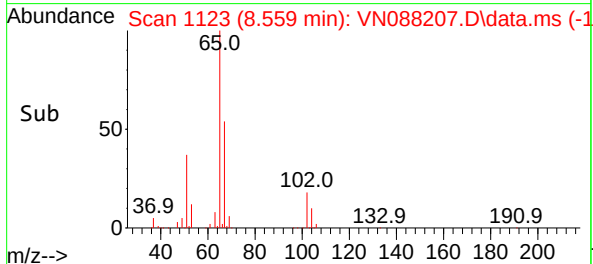
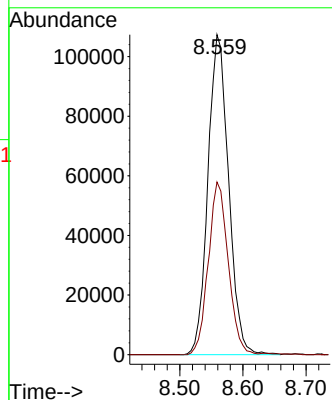
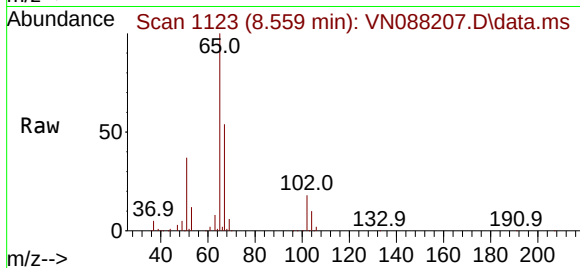
PB170395TB

Tgt Ion: 65 Resp: 244122

Ion Ratio Lower Upper

65 100

67 52.0 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088207.D

Acq: 06 Nov 2025 15:31

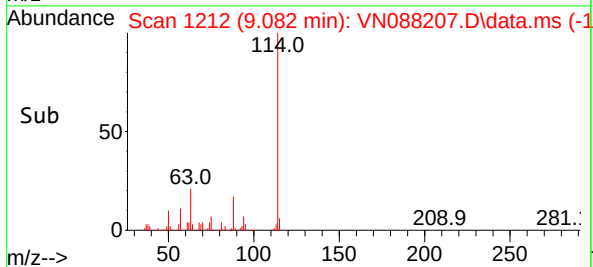
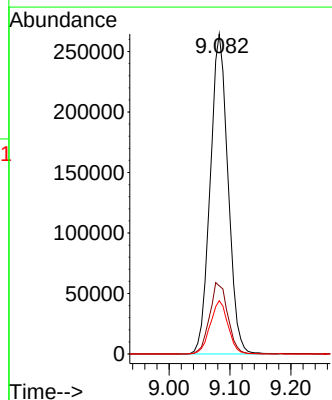
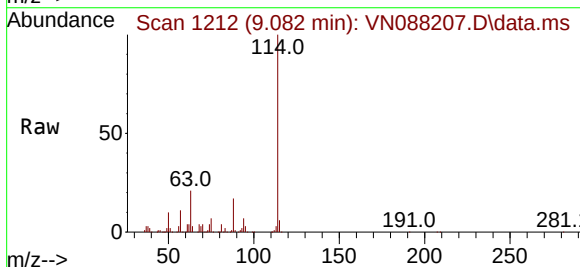
Tgt Ion: 114 Resp: 536314

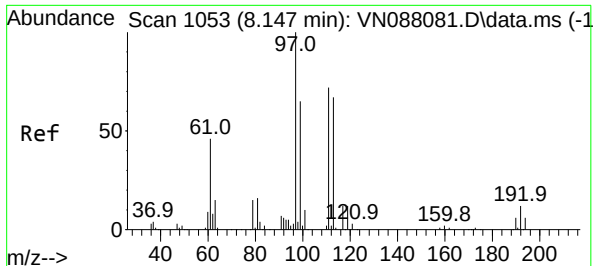
Ion Ratio Lower Upper

114 100

63 21.3 0.0 45.2

88 16.7 0.0 33.4

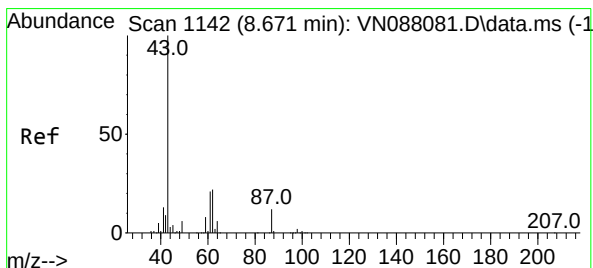
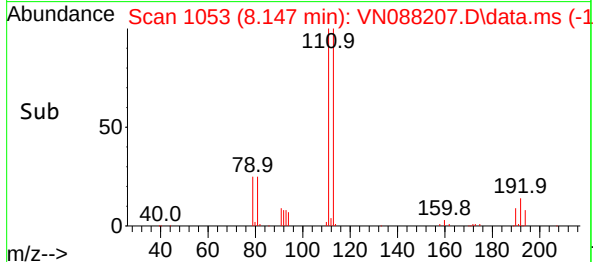
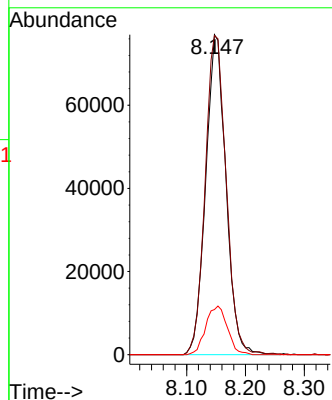
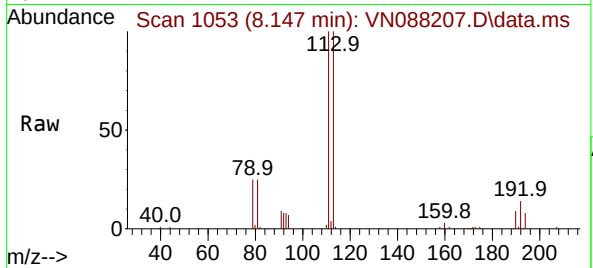




#35
Dibromofluoromethane
Concen: 51.105 ug/l
RT: 8.147 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

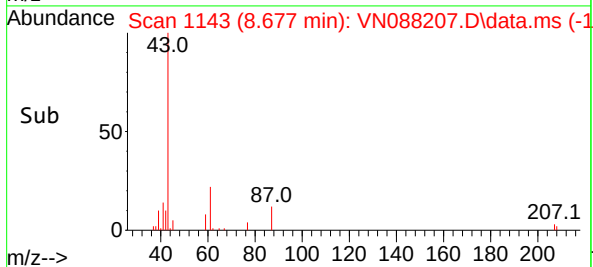
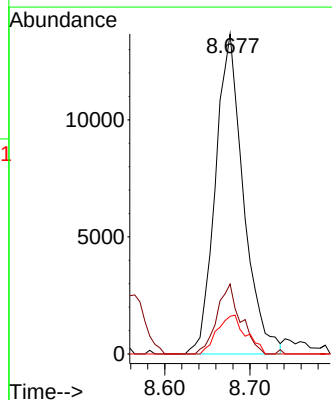
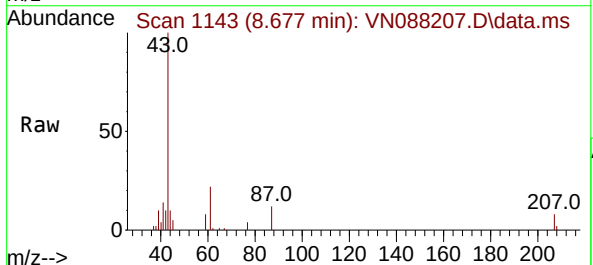
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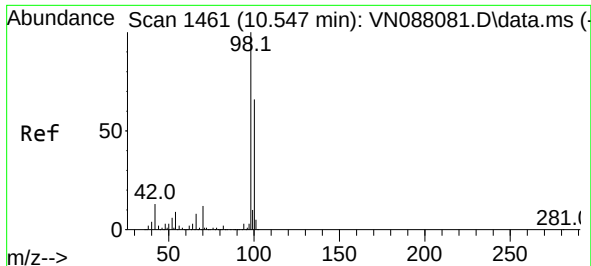
Tgt Ion:113 Resp: 184131
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 16.3 12.8 19.2



#43
Isopropyl Acetate
Concen: 2.993 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

Tgt Ion: 43 Resp: 31226
Ion Ratio Lower Upper
43 100
61 18.7 18.8 28.2#
87 12.4 9.6 14.4

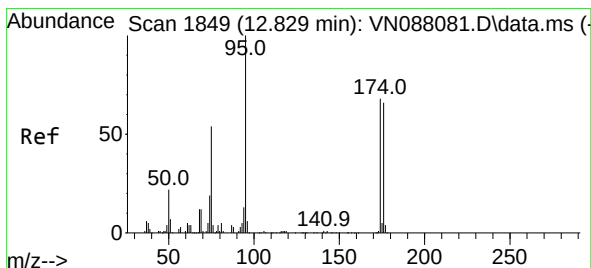
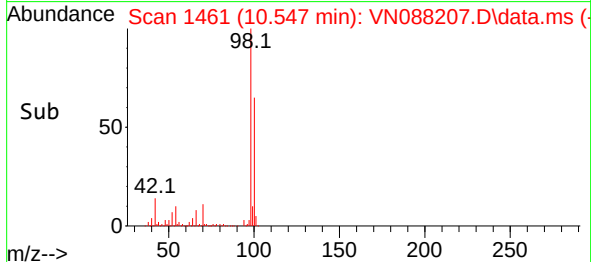
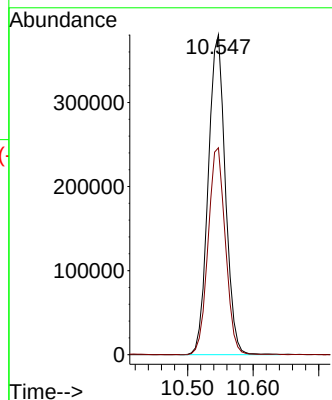
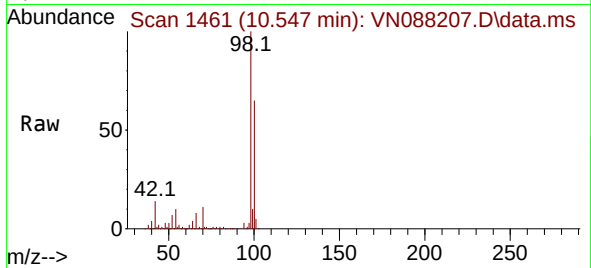




#50
Toluene-d8
Concen: 49.787 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

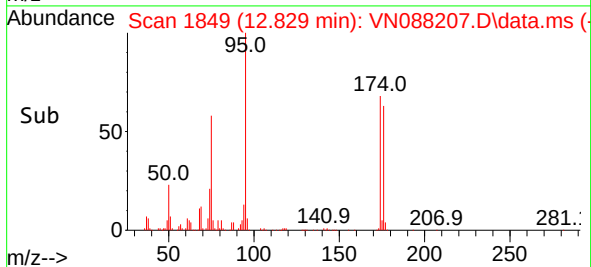
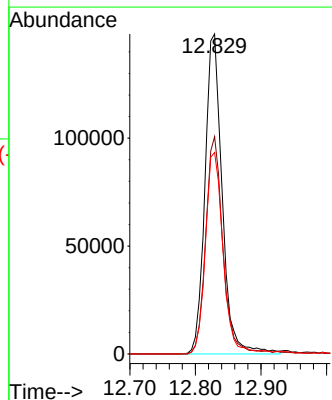
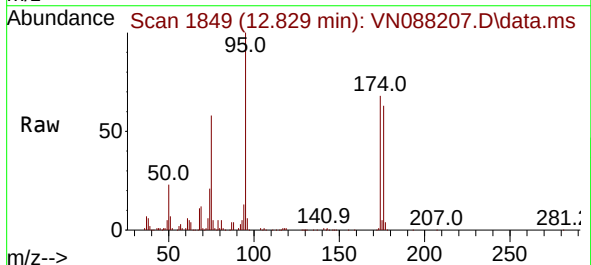
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PB170395TB

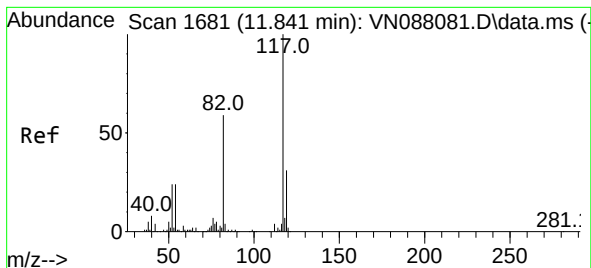
Tgt Ion: 98 Resp: 691185
Ion Ratio Lower Upper
98 100
100 65.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 55.395 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088207.D
Acq: 06 Nov 2025 15:31

Tgt Ion: 95 Resp: 271597
Ion Ratio Lower Upper
95 100
174 68.5 0.0 138.4
176 64.0 0.0 132.6

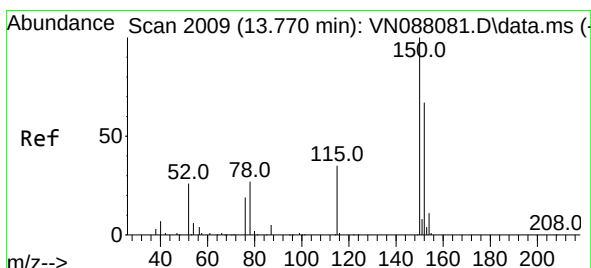
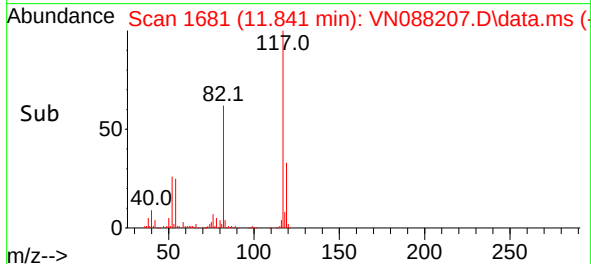
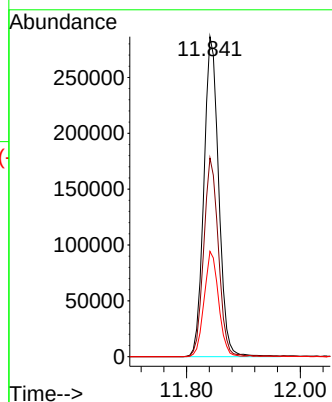
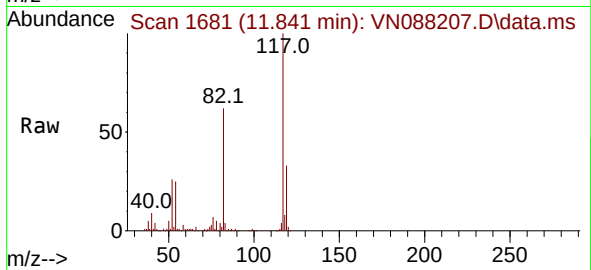




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088207.D
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Instrument :
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Tgt Ion:117 Resp: 518150
Ion Ratio Lower Upper
117 100
82 62.1 47.4 71.2
119 32.9 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: VN088207.D
Acq: 06 Nov 2025 15:31

Tgt Ion:152 Resp: 247969
Ion Ratio Lower Upper
152 100
115 65.3 32.3 96.8
150 159.5 0.0 351.0

