

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102924\
 Data File : VN084562.D
 Acq On : 29 Oct 2024 14:29
 Operator : JC\MD
 Sample : P4567-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Quant Time: Oct 30 05:03:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

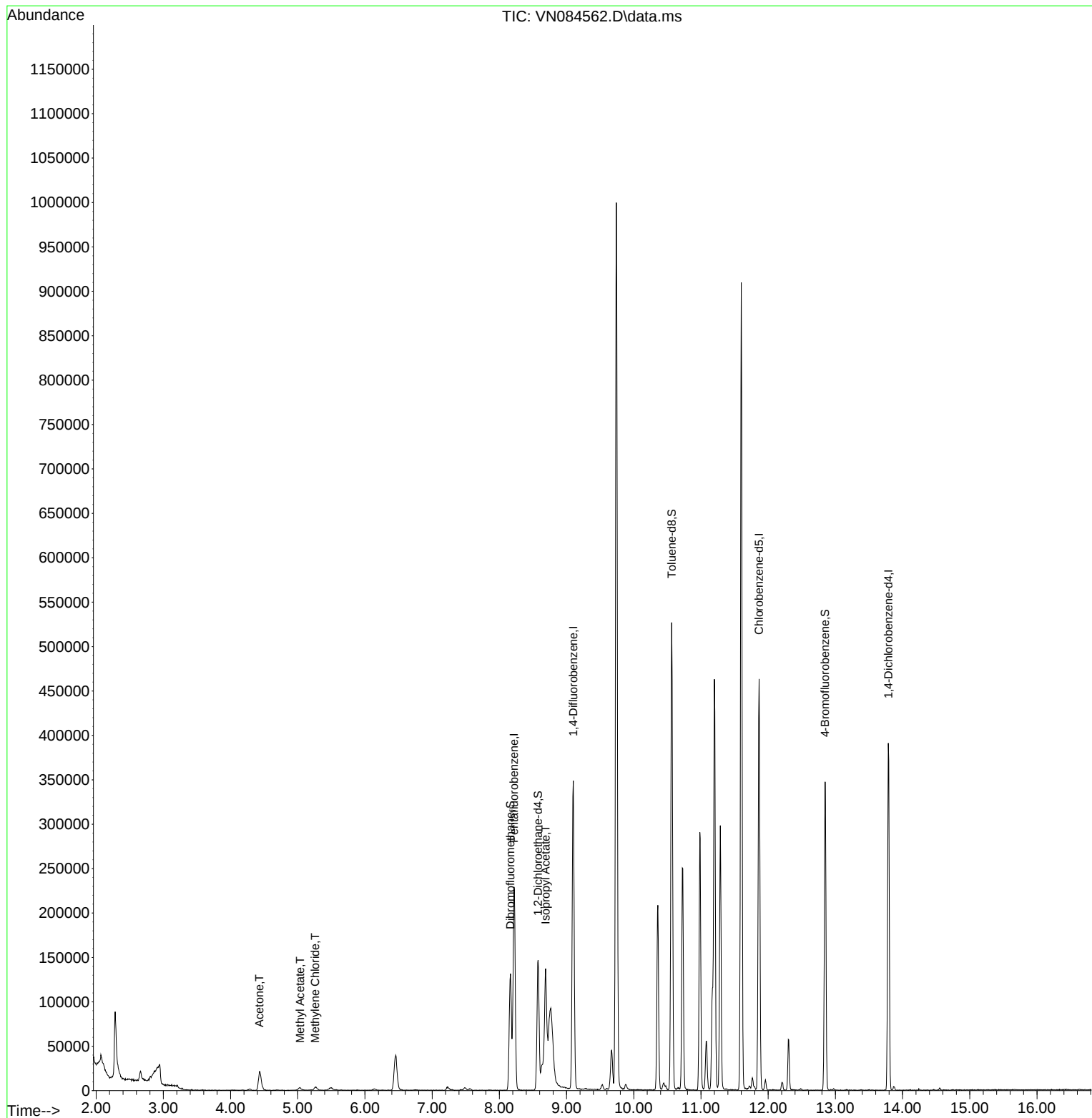
Internal Standards						
1) Pentafluorobenzene	8.218	168	162661	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	296895	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265430	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	105531	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	122948	50.979	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.960%	
35) Dibromofluoromethane	8.165	113	94849	48.459	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 96.920%	
50) Toluene-d8	10.565	98	356674	49.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.847	95	120602	45.971	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.940%	
Target Compounds						
						Qvalue
16) Acetone	4.430	43	39473	38.100	ug/l	98
18) Methyl Acetate	5.036	43	6050	2.679	ug/l	95
20) Methylene Chloride	5.259	84	2742	1.302	ug/l #	64
43) Isopropyl Acetate	8.688	43	184019	32.210	ug/l #	79

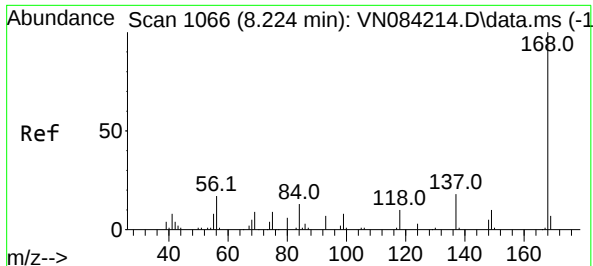
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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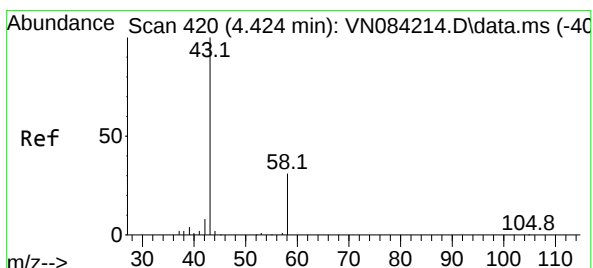
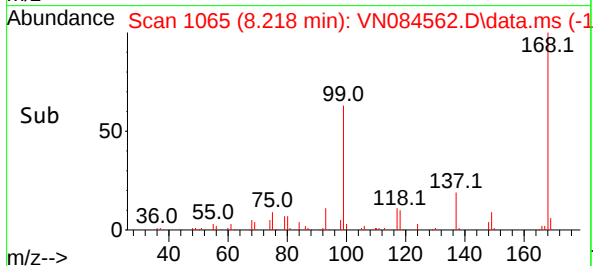
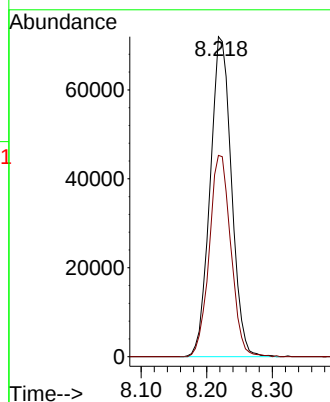
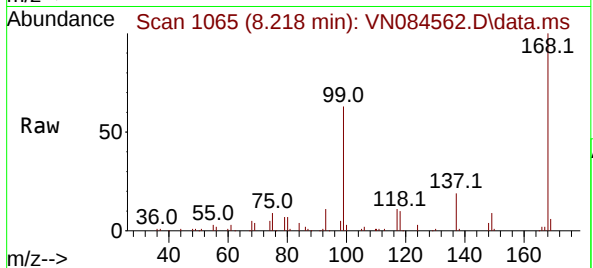




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

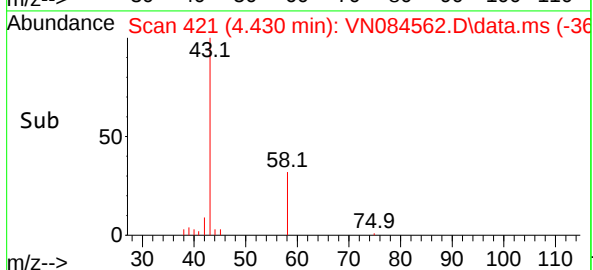
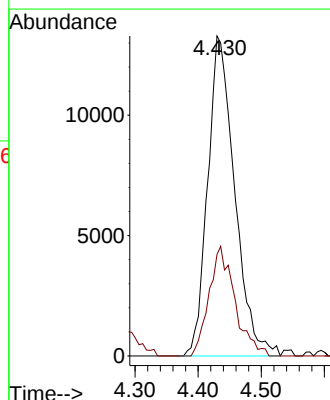
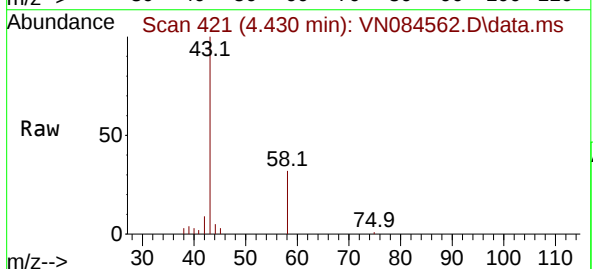
Instrument :
MSVOA_N
ClientSampleId :
WC-3

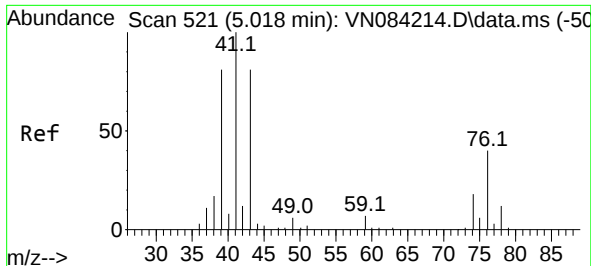
Tgt Ion:168 Resp: 162661
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#16
Acetone
Concen: 38.100 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 43 Resp: 39473
Ion Ratio Lower Upper
43 100
58 31.7 24.4 36.6

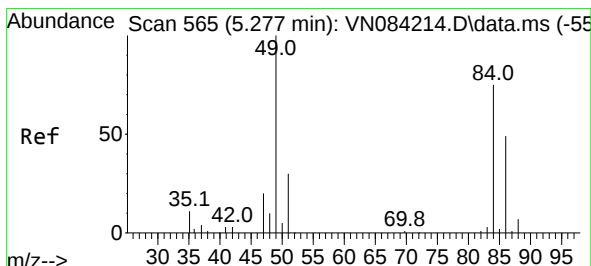
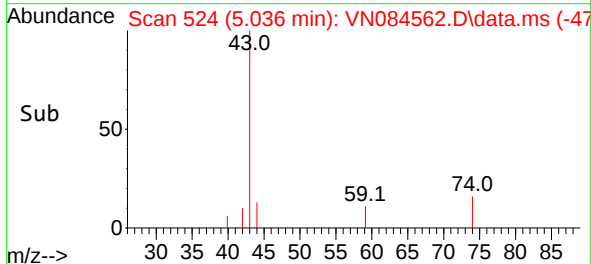
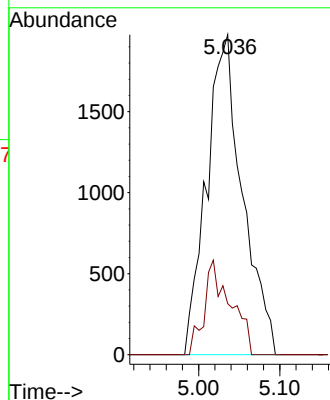
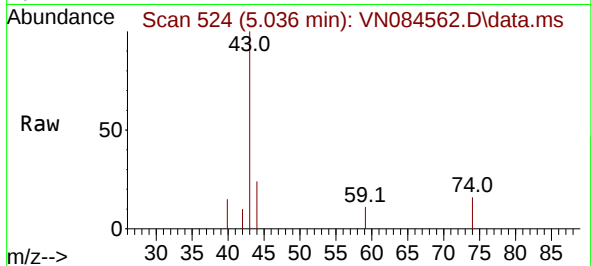




#18
Methyl Acetate
Concen: 2.679 ug/l
RT: 5.036 min Scan# 51
Delta R.T. 0.018 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

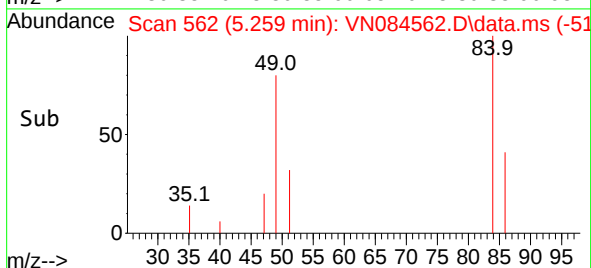
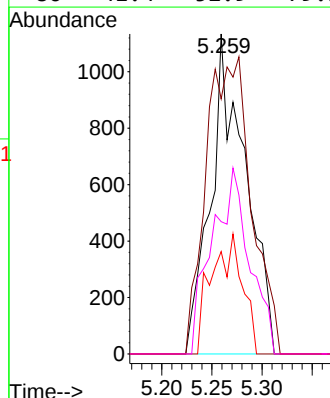
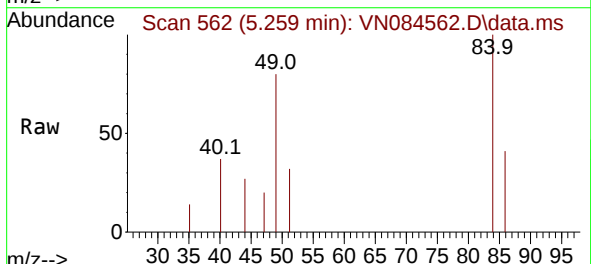
Instrument :
MSVOA_N
ClientSampleId :
WC-3

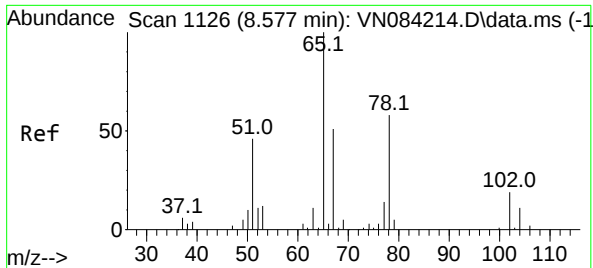
Tgt Ion: 43 Resp: 6050
Ion Ratio Lower Upper
43 100
74 21.7 19.2 28.8



#20
Methylene Chloride
Concen: 1.302 ug/l
RT: 5.259 min Scan# 562
Delta R.T. -0.018 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 84 Resp: 2742
Ion Ratio Lower Upper
84 100
49 79.7 107.2 160.8#
51 32.0 31.8 47.8
86 41.4 52.9 79.3#

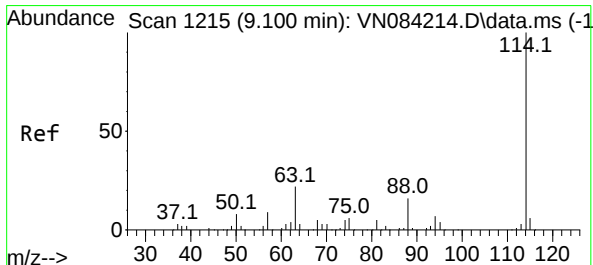
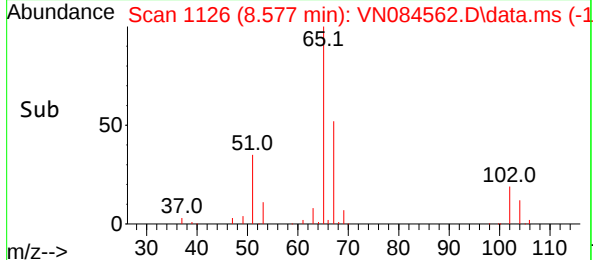
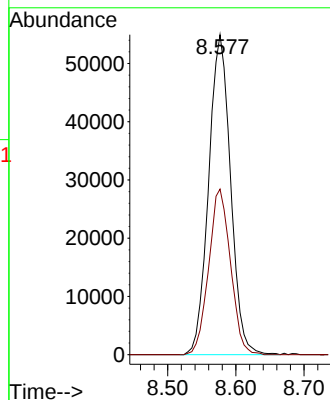
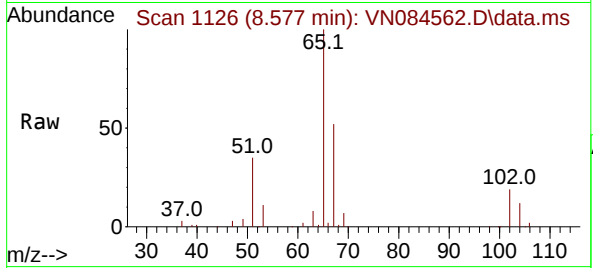




#33
 1,2-Dichloroethane-d4
 Concen: 50.979 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN084562.D
 Acq: 29 Oct 2024 14:29

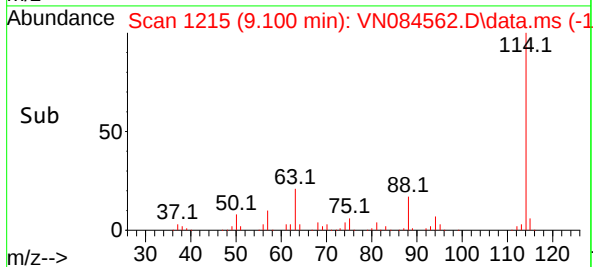
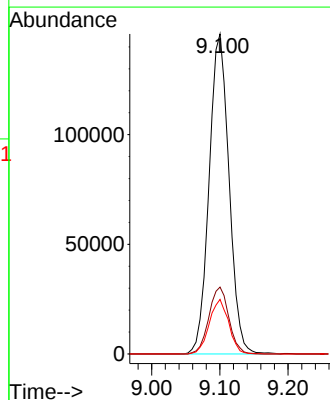
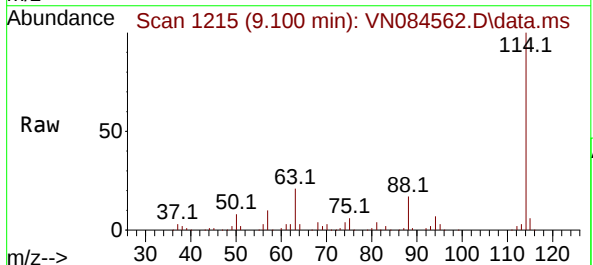
Instrument :
 MSVOA_N
 ClientSampleId :
 WC-3

Tgt Ion: 65 Resp: 122948
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084562.D
 Acq: 29 Oct 2024 14:29

Tgt Ion: 114 Resp: 296895
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 43.8
 88 17.1 0.0 31.6

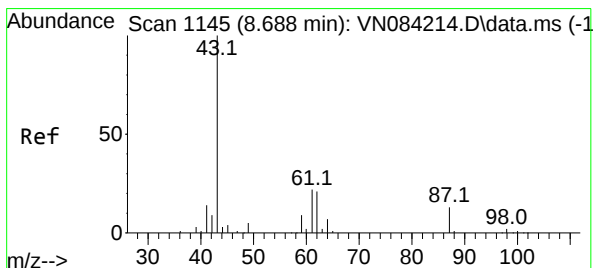
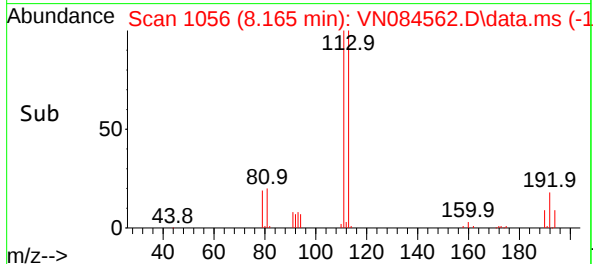
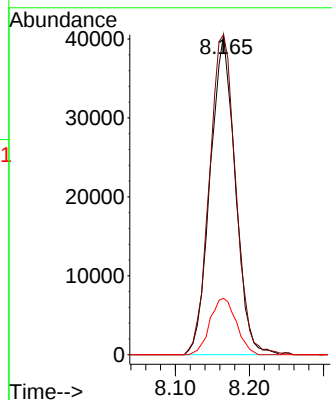
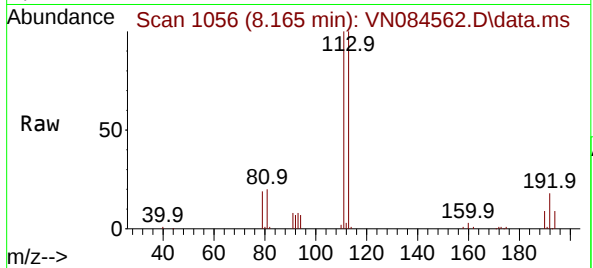




#35
Dibromofluoromethane
Concen: 48.459 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

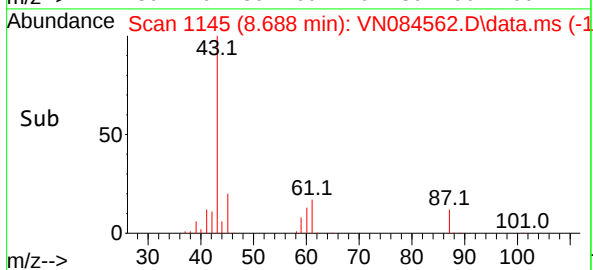
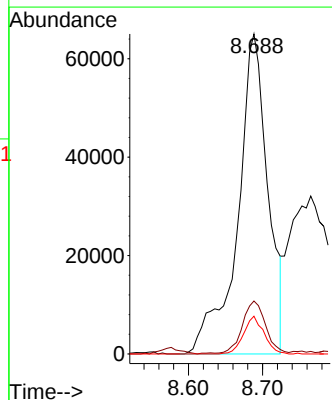
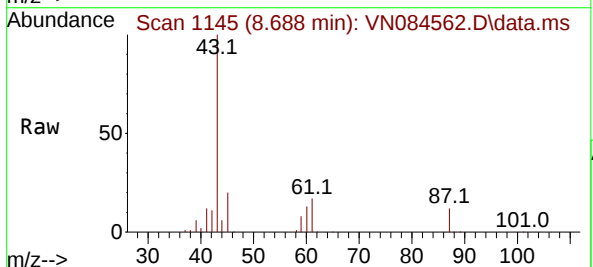
Instrument :
MSVOA_N
ClientSampleId :
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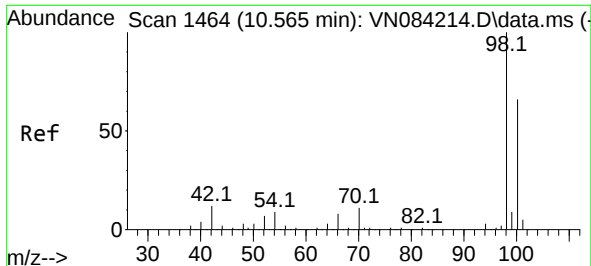
Tgt Ion:113 Resp: 94849
Ion Ratio Lower Upper
113 100
111 104.9 83.3 124.9
192 18.5 13.5 20.3



#43
Isopropyl Acetate
Concen: 32.210 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 43 Resp: 184019
Ion Ratio Lower Upper
43 100
61 12.9 20.4 30.6#
87 8.0 10.3 15.5#

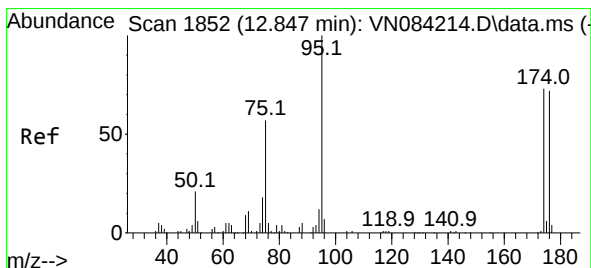
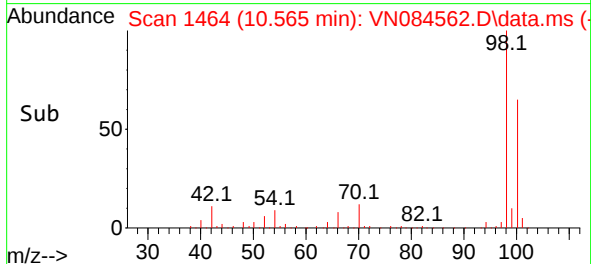
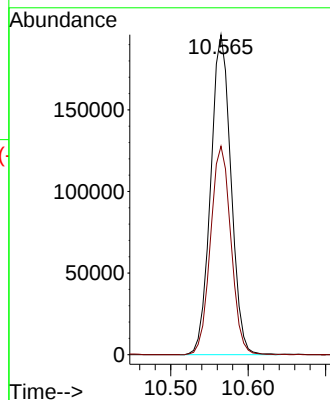
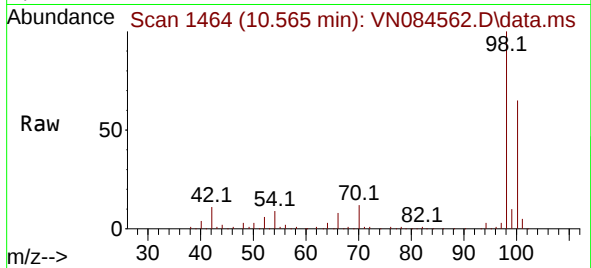




#50
Toluene-d8
Concen: 49.530 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

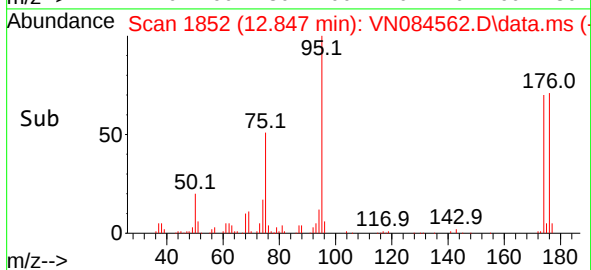
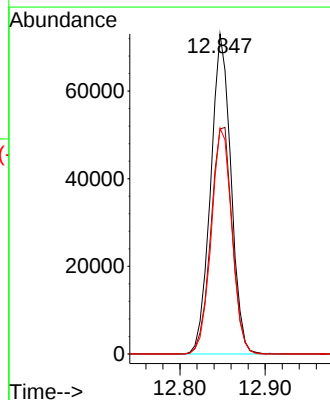
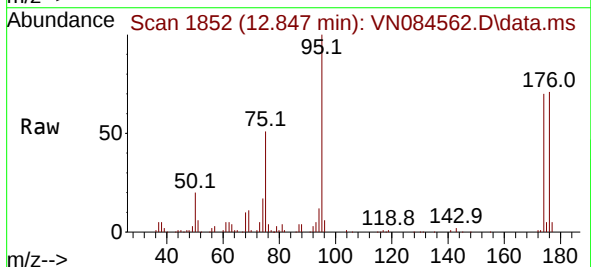
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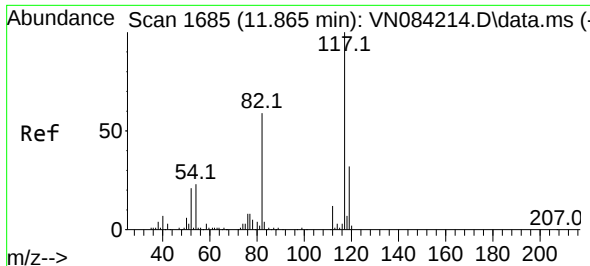
Tgt Ion: 98 Resp: 356674
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 45.971 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

Tgt Ion: 95 Resp: 120602
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.2
176 71.5 0.0 140.0

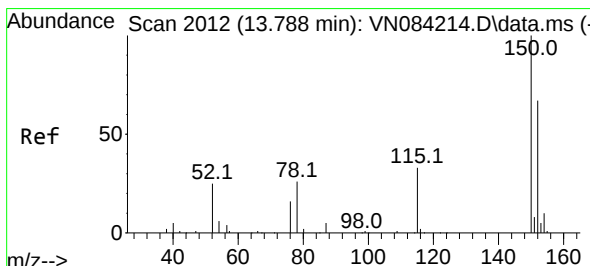
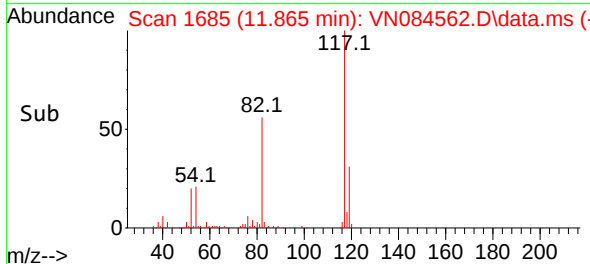
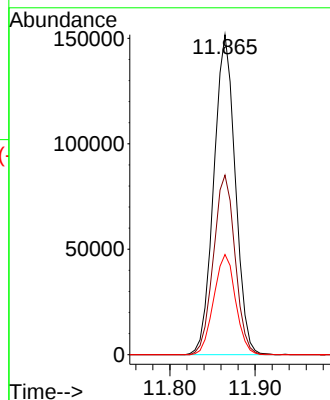
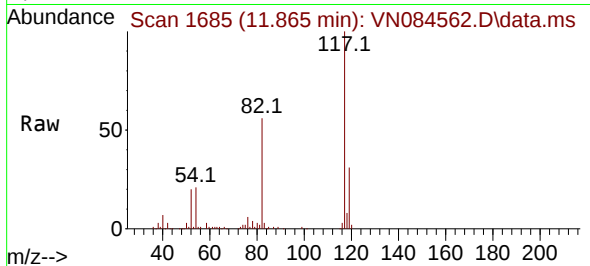




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

Instrument :
MSVOA_N
ClientSampleId :
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Tgt Ion:117 Resp: 265430
Ion Ratio Lower Upper
117 100
82 56.1 47.2 70.8
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN084562.D
Acq: 29 Oct 2024 14:29

Tgt Ion:152 Resp: 105531
Ion Ratio Lower Upper
152 100
115 63.6 31.3 93.9
150 156.9 0.0 349.8

