

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083024\
 Data File : VN083582.D
 Acq On : 30 Aug 2024 17:57
 Operator : JC\MD
 Sample : P3720-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 31 02:42:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 31 00:48:10 2024
 Response via : Initial Calibration

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

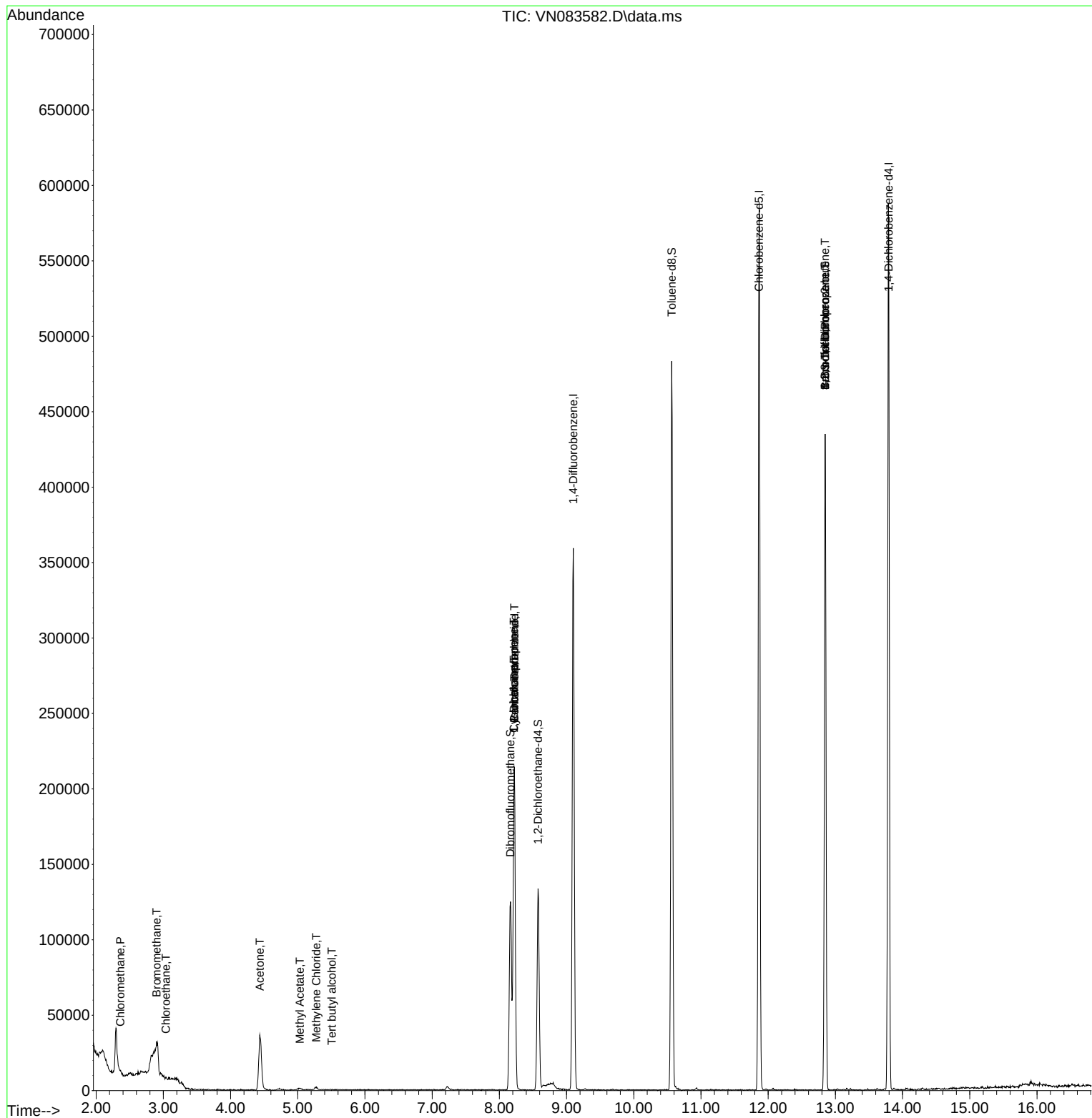
Internal Standards						
1) Pentafluorobenzene	8.224	168	149626	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	301662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	322855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	148490	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	113356	54.207	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 108.420%		
35) Dibromofluoromethane	8.165	113	92330	50.853	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.700%		
50) Toluene-d8	10.565	98	327979	46.419	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 92.840%		
62) 4-Bromofluorobenzene	12.847	95	153830	58.732	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 117.460%		
Target Compounds						
						Qvalue
3) Chloromethane	2.359	50	1389	0.753	ug/l	98
5) Bromomethane	2.900	94	328	0.338	ug/l #	56
6) Chloroethane	3.036	64	722	0.598	ug/l #	89
11) Tert butyl alcohol	5.506	59	79	0.242	ug/l #	71
16) Acetone	4.436	43	2050	2.458	ug/l #	86
18) Methyl Acetate	5.030	43	2638	1.189	ug/l #	63
20) Methylene Chloride	5.277	84	1288	0.699	ug/l #	70
31) Cyclohexane	8.218	56	3815	1.179	ug/l #	35
36) 1,1-Dichloropropene	8.218	75	13623	4.919	ug/l #	51
38) Carbon Tetrachloride	8.224	117	16582	5.248	ug/l #	15
43) Isopropyl Acetate	8.677	43	3470	Below Cal	#	57
71) Bromoform	12.847	173	507	0.291	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	84385	28.147	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	84385	66.388	ug/l #	9

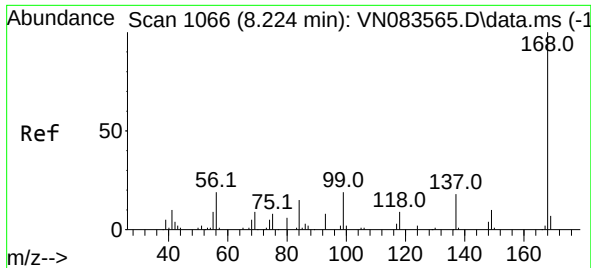
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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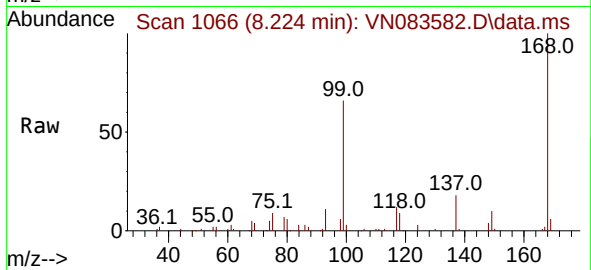
Quant Time: Aug 31 02:42:55 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083024W.M
Quant Title : SW846 8260
QLast Update : Sat Aug 31 00:48:10 2024
Response via : Initial Calibration



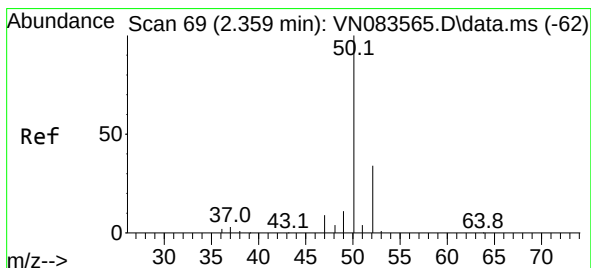
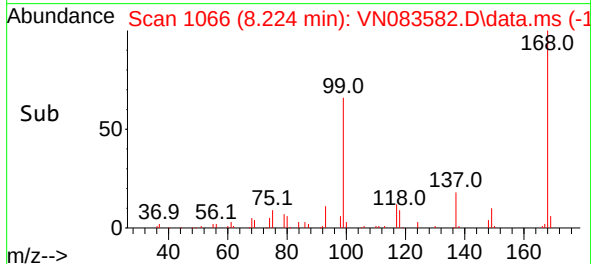
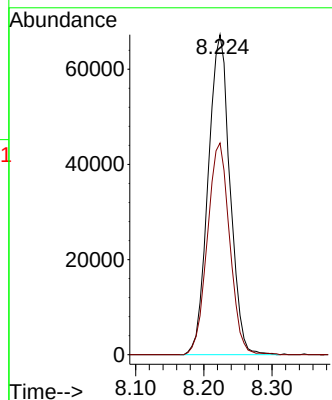


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

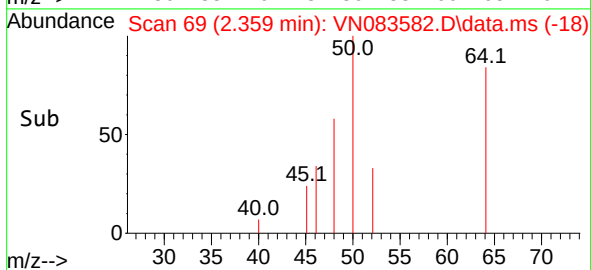
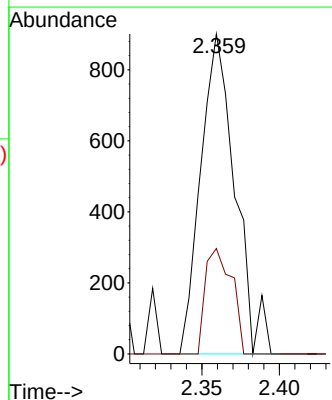
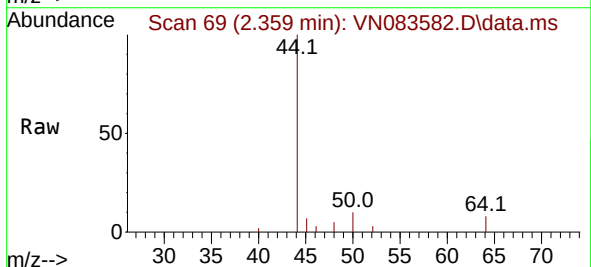


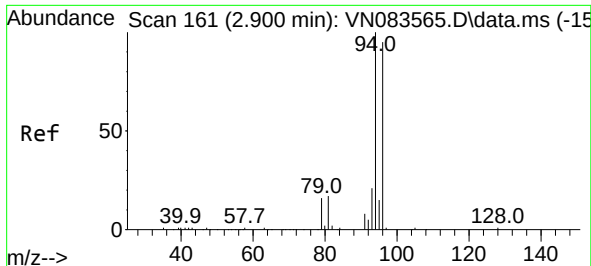
Tgt Ion:168 Resp: 149626
Ion Ratio Lower Upper
168 100
99 66.2 54.2 81.2



#3
Chloromethane
Concen: 0.753 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Tgt Ion: 50 Resp: 1389
Ion Ratio Lower Upper
50 100
52 33.0 27.2 40.8

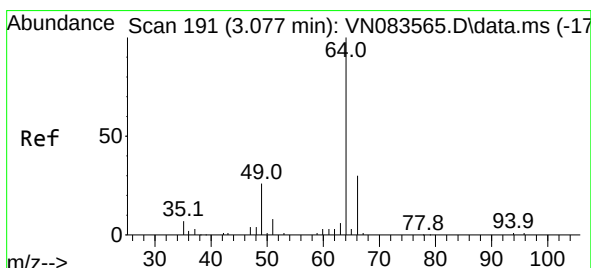
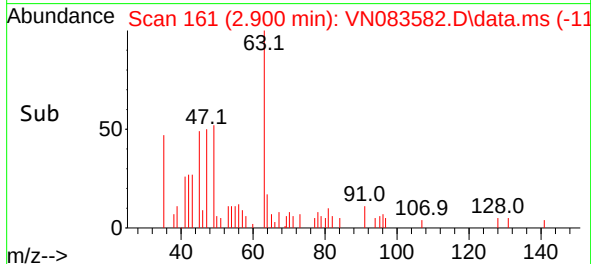
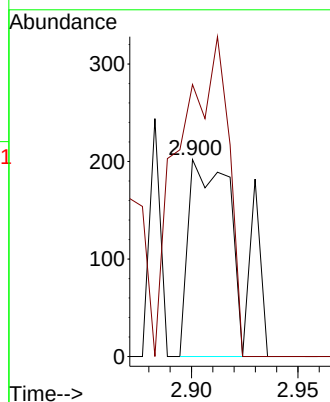
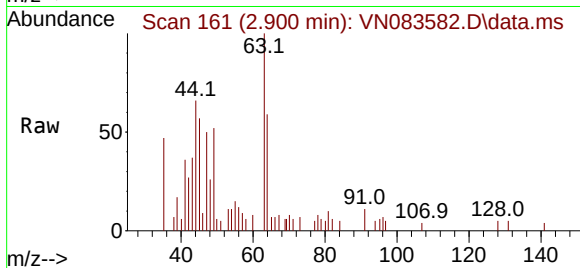




#5
Bromomethane
Concen: 0.338 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

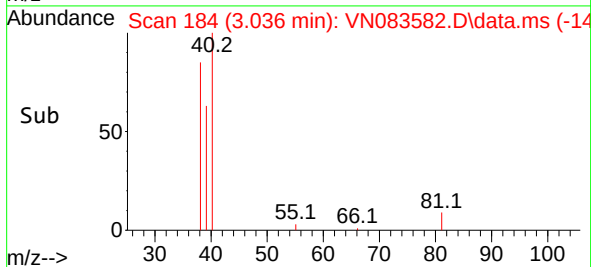
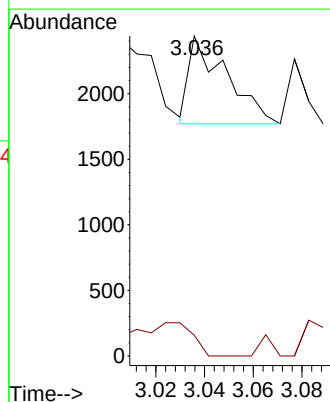
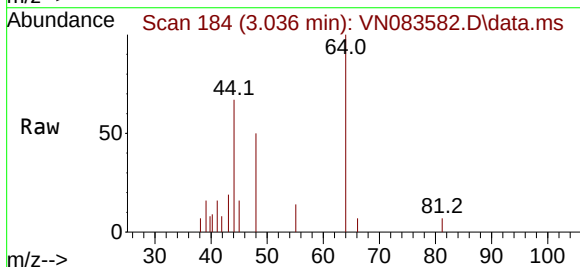
Instrument :
MSVOA_N
ClientSampleId :

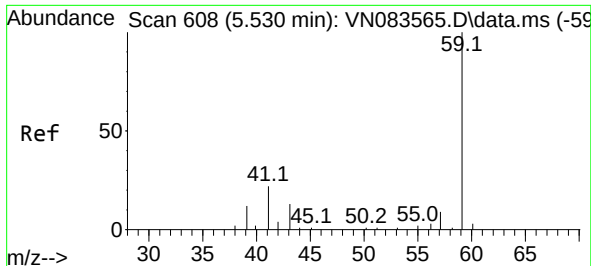
Tgt Ion: 94 Resp: 328
Ion Ratio Lower Upper
94 100
96 138.1 76.0 114.0#



#6
Chloroethane
Concen: 0.598 ug/l
RT: 3.036 min Scan# 184
Delta R.T. -0.041 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

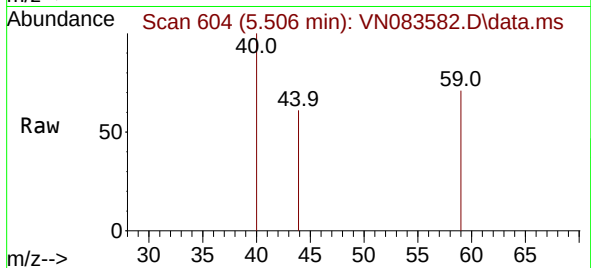
Tgt Ion: 64 Resp: 722
Ion Ratio Lower Upper
64 100
66 23.7 23.9 35.9#



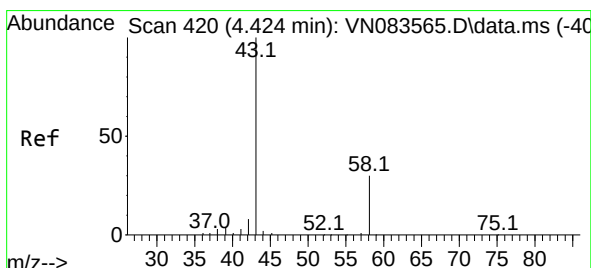
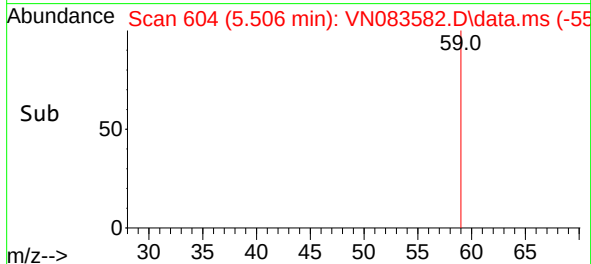
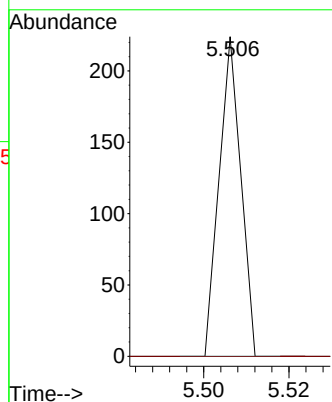


#11
Tert butyl alcohol
Concen: 0.242 ug/l
RT: 5.506 min Scan# 604
Delta R.T. -0.024 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

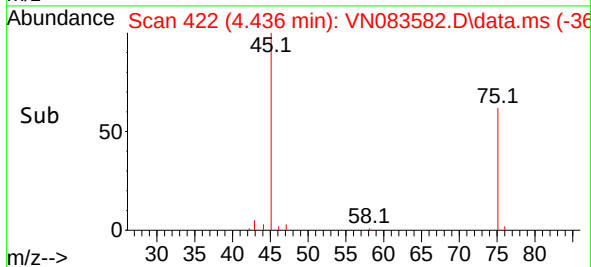
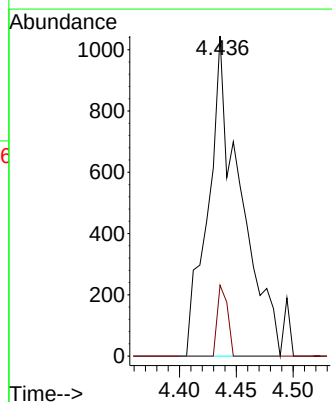
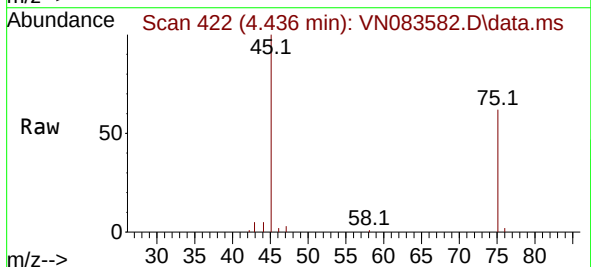


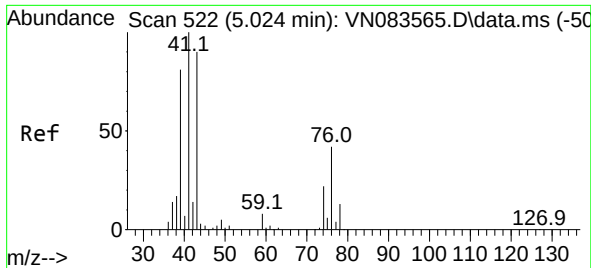
Tgt Ion: 59 Resp: 79
Ion Ratio Lower Upper
59 100
57 0.0 8.7 13.1#



#16
Acetone
Concen: 2.458 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

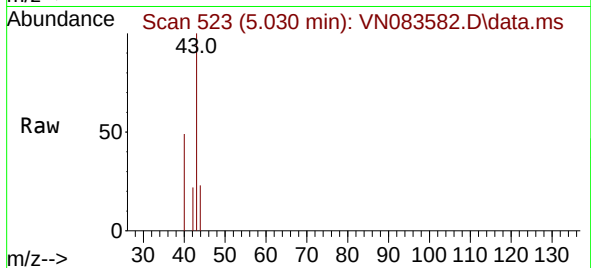
Tgt Ion: 43 Resp: 2050
Ion Ratio Lower Upper
43 100
58 22.1 23.7 35.5#



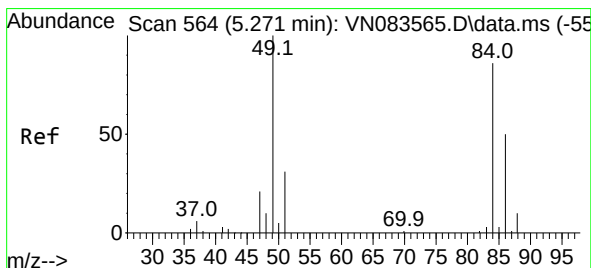
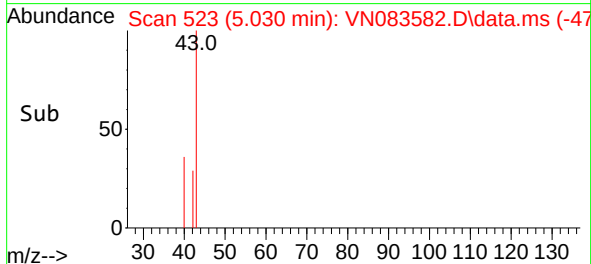
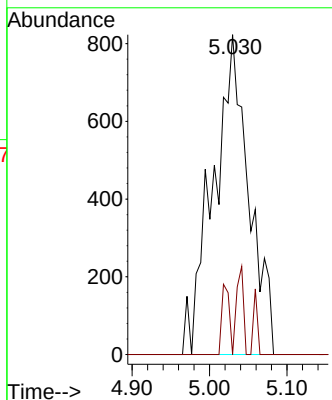


#18
Methyl Acetate
Concen: 1.189 ug/l
RT: 5.030 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

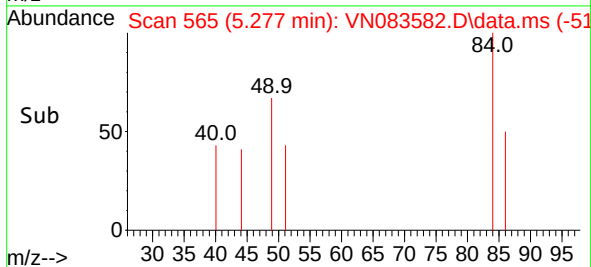
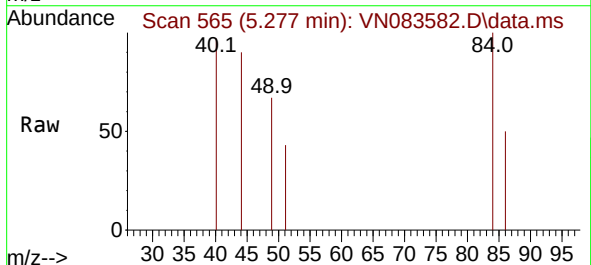
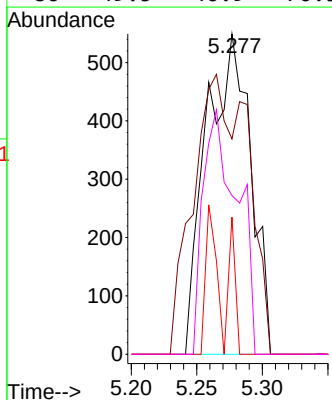


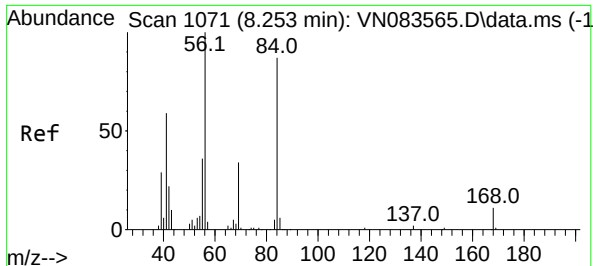
Tgt Ion: 43 Resp: 2638
Ion Ratio Lower Upper
43 100
74 5.3 19.0 28.4#



#20
Methylene Chloride
Concen: 0.699 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

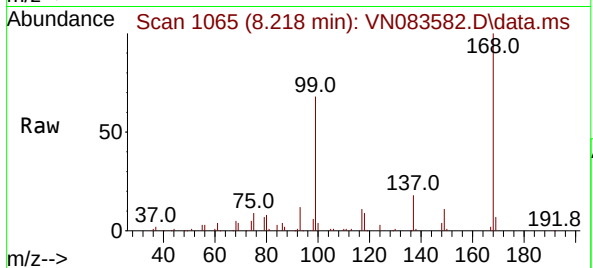
Tgt Ion: 84 Resp: 1288
Ion Ratio Lower Upper
84 100
49 67.2 93.4 140.0#
51 42.8 29.2 43.8
86 49.5 46.9 70.3



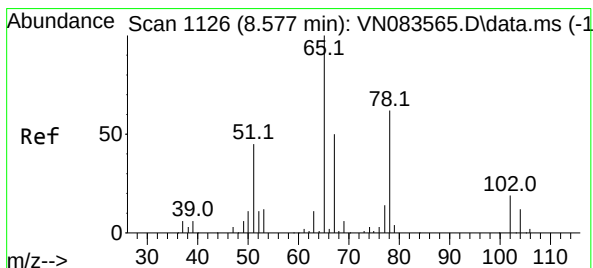
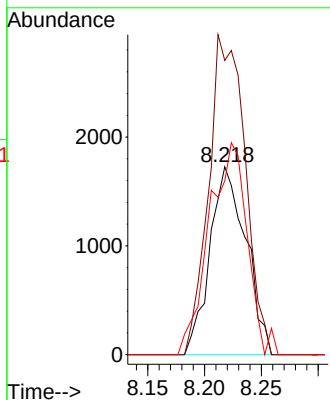
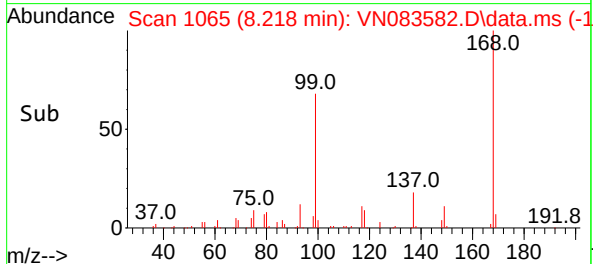


#31
Cyclohexane
Concen: 1.179 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

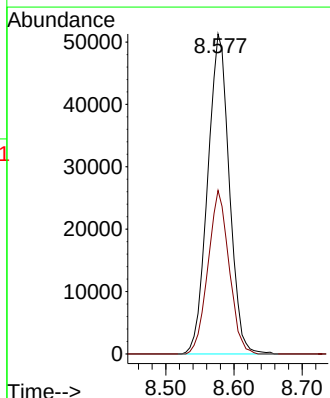
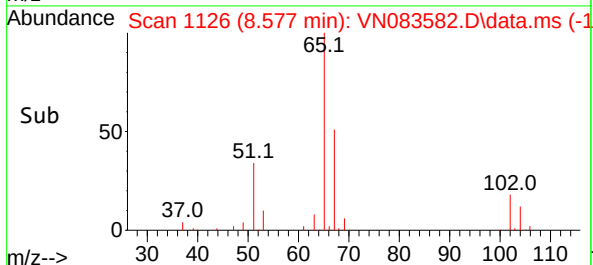
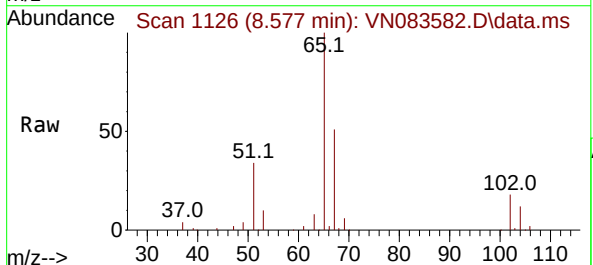


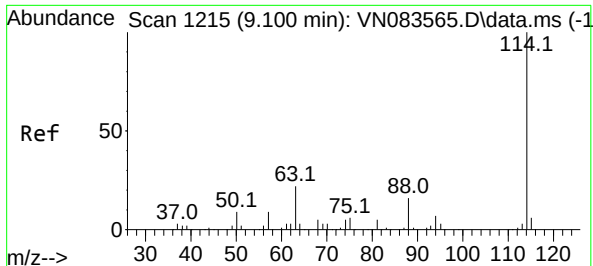
Tgt Ion: 56 Resp: 3815
Ion Ratio Lower Upper
56 100
69 156.7 26.9 40.3#
84 92.5 69.2 103.8



#33
1,2-Dichloroethane-d4
Concen: 54.207 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Tgt Ion: 65 Resp: 113356
Ion Ratio Lower Upper
65 100
67 49.7 0.0 100.8

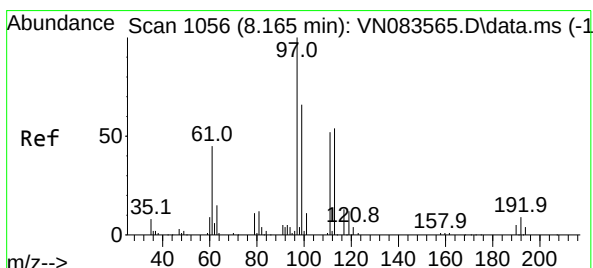
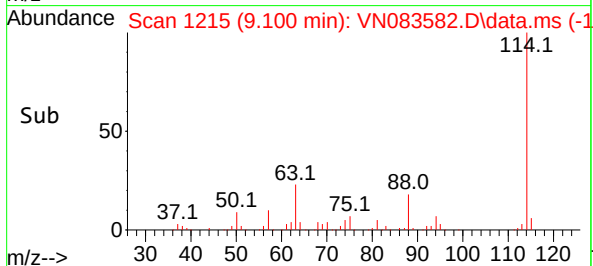
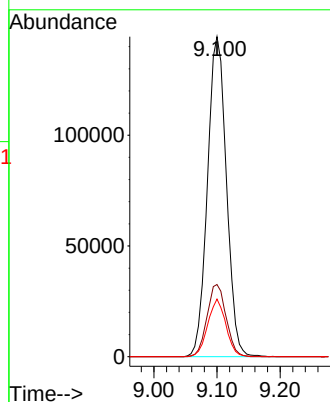
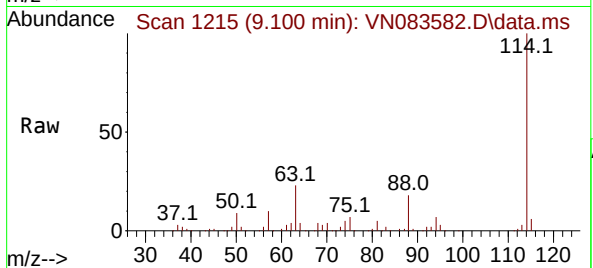




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

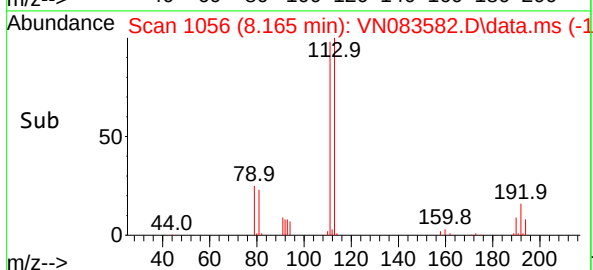
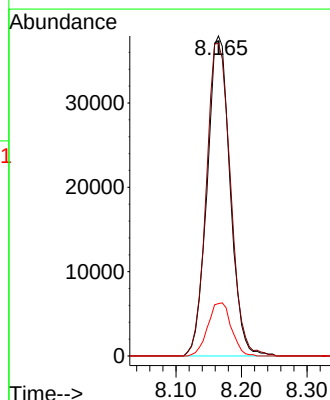
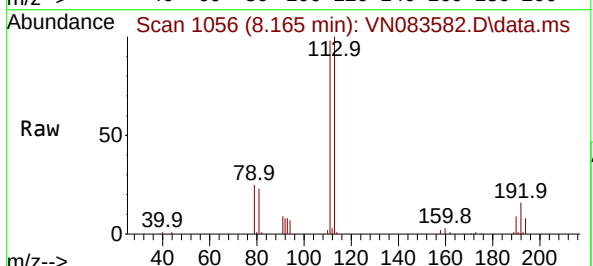
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MSVOA_N
ClientSampleId :

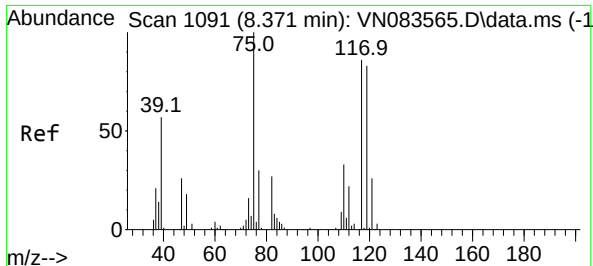
Tgt Ion:114 Resp: 301662
Ion Ratio Lower Upper
114 100
63 22.5 0.0 43.4
88 18.0 0.0 32.6



#35
Dibromofluoromethane
Concen: 50.853 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Tgt Ion:113 Resp: 92330
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 17.0 14.3 21.5





#36

1,1-Dichloropropene

Concen: 4.919 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.153 min

Lab File: VN083582.D

Acq: 30 Aug 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

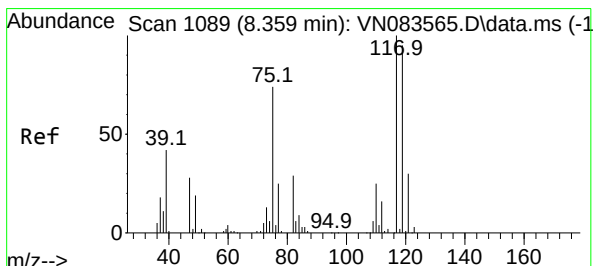
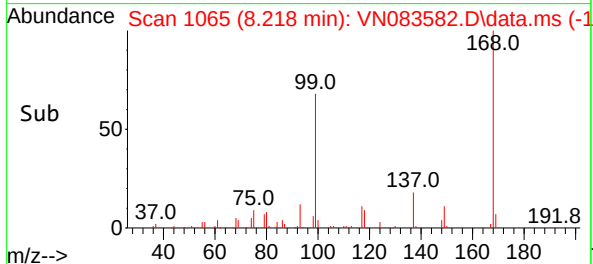
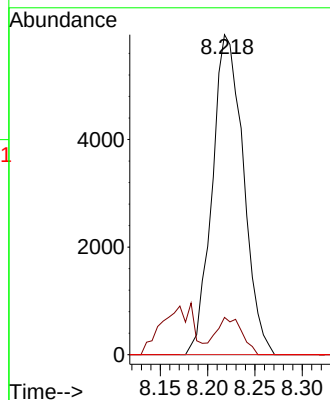
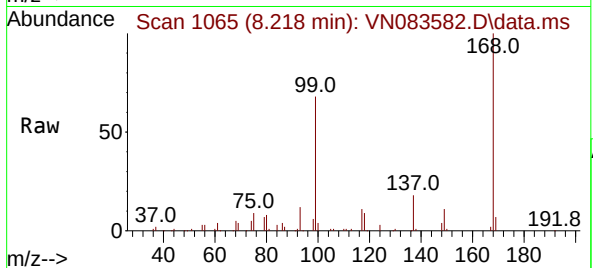
Tgt Ion: 75 Resp: 13623

Ion Ratio Lower Upper

75 100

110 10.0 16.7 50.1#

77 0.0 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.248 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN083582.D

Acq: 30 Aug 2024 17:57

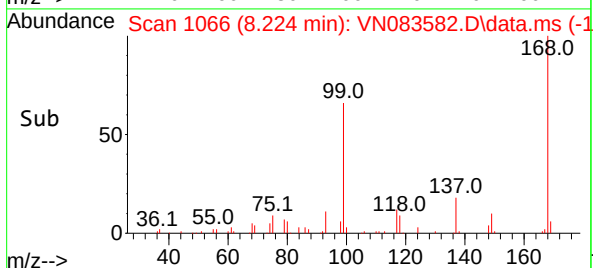
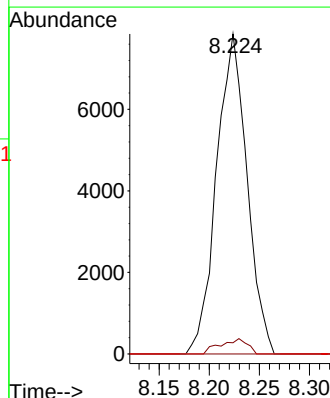
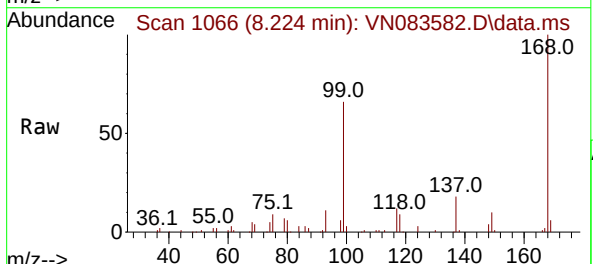
Tgt Ion: 117 Resp: 16582

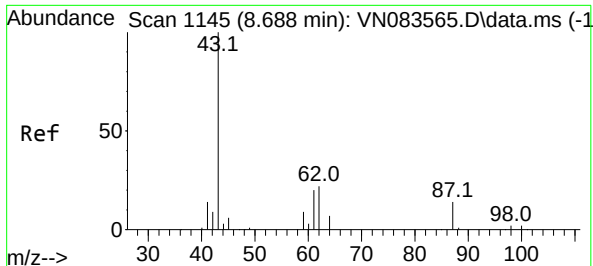
Ion Ratio Lower Upper

117 100

119 3.5 76.1 114.1#

121 0.0 24.1 36.1#





#43

Isopropyl Acetate

Concen: Below Cal

RT: 8.677 min Scan# 1145

Delta R.T. -0.011 min

Lab File: VN083582.D

Acq: 30 Aug 2024 17:57

Instrument :

MSVOA_N

ClientSampleId :

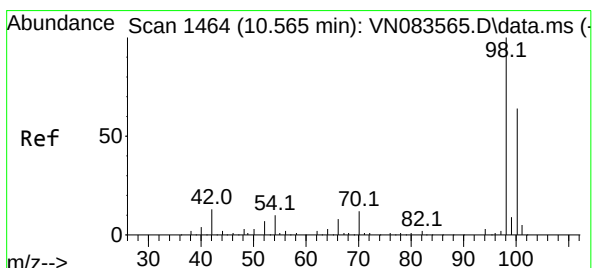
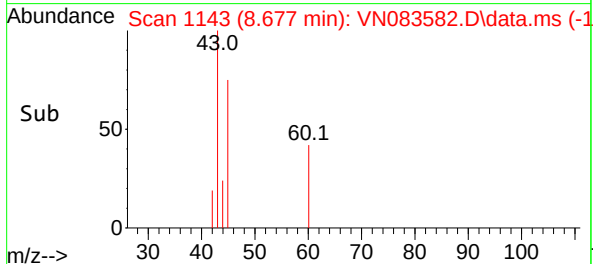
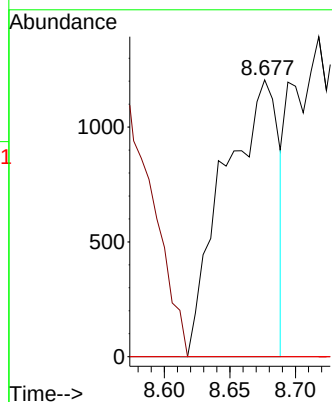
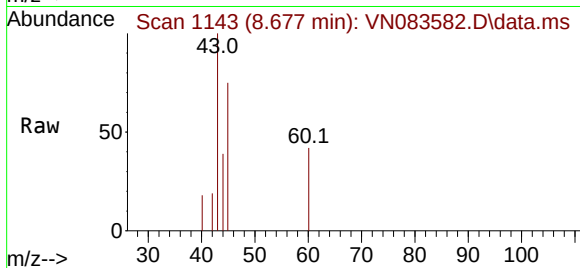
Tgt Ion: 43 Resp: 3470

Ion Ratio Lower Upper

43 100

61 0.0 19.4 29.0#

87 0.0 9.8 14.6#



#50

Toluene-d8

Concen: 46.419 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN083582.D

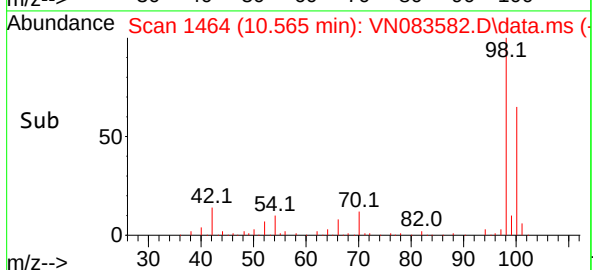
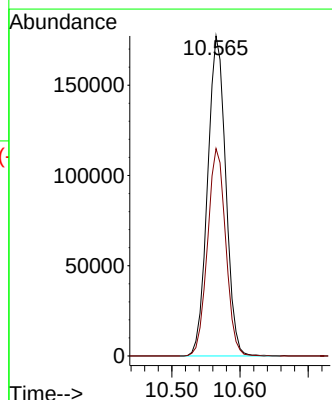
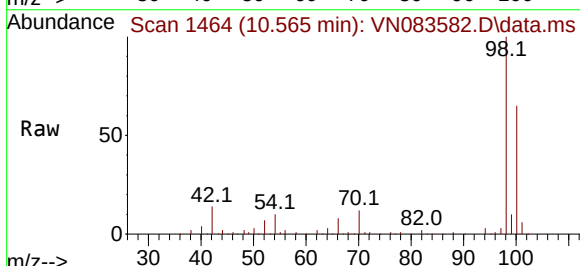
Acq: 30 Aug 2024 17:57

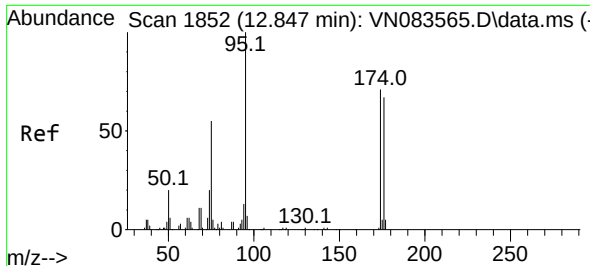
Tgt Ion: 98 Resp: 327979

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

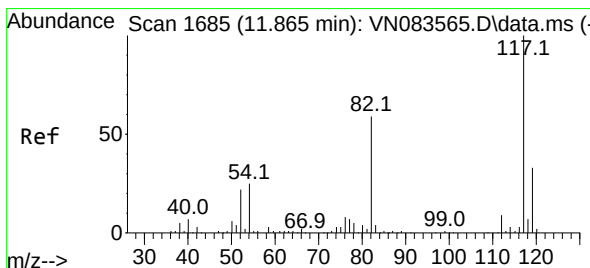
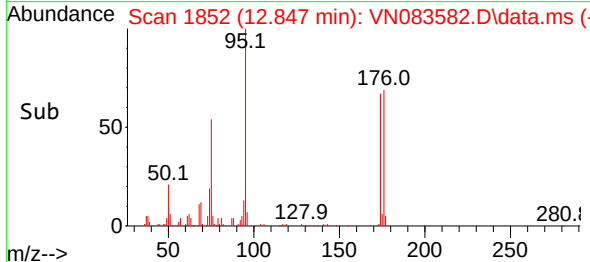
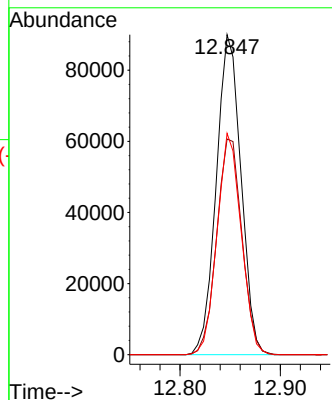
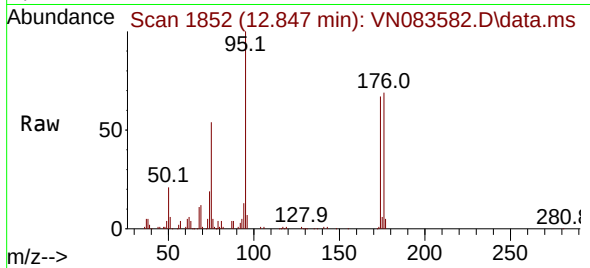




#62
4-Bromofluorobenzene
Concen: 58.732 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

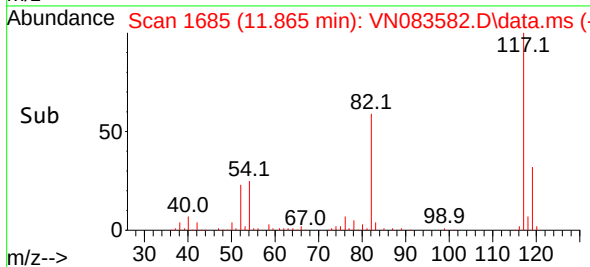
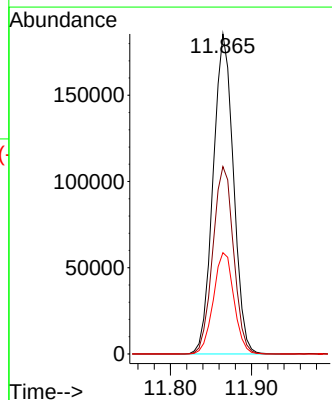
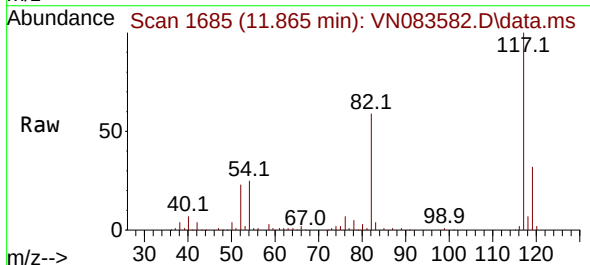
Instrument :
MSVOA_N
ClientSampleId :

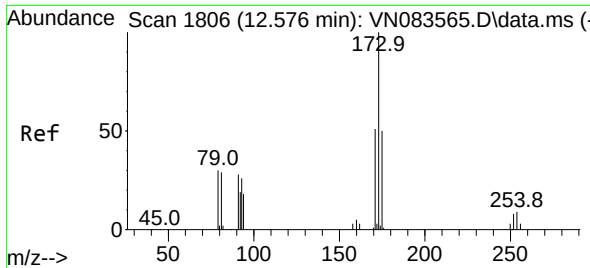
Tgt Ion: 95 Resp: 153830
Ion Ratio Lower Upper
95 100
174 69.1 0.0 139.8
176 67.5 0.0 131.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Tgt Ion: 117 Resp: 322855
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.0
119 31.6 26.3 39.5

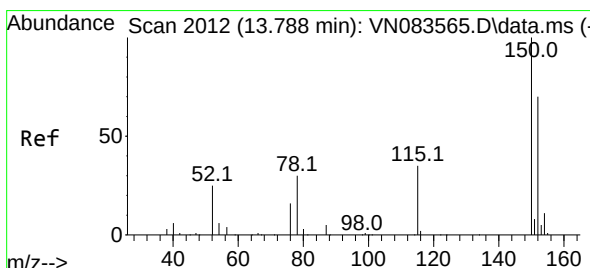
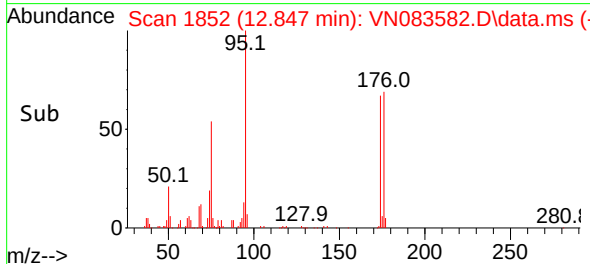
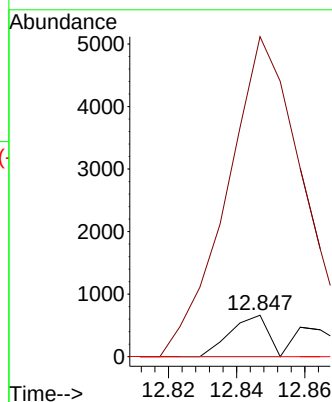
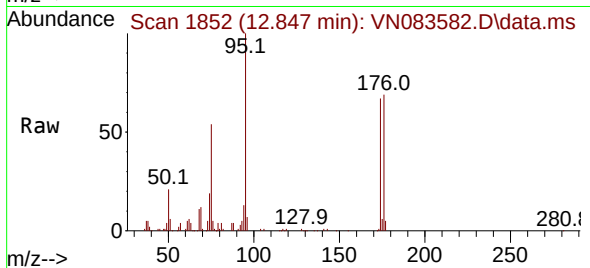




#71
Bromoform
Concen: 0.291 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.271 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

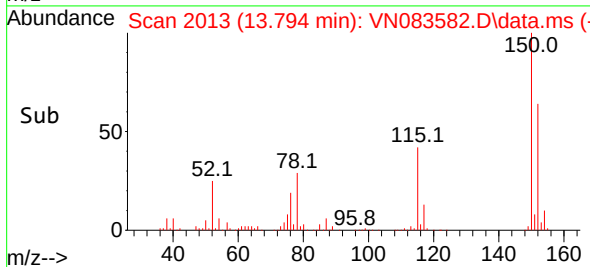
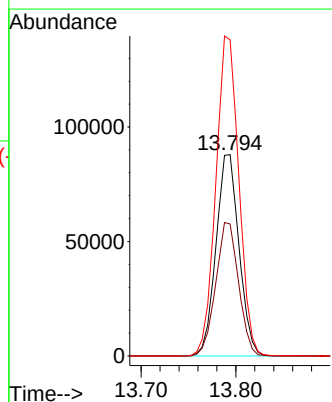
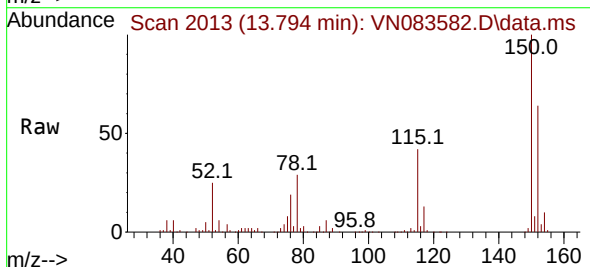
Instrument :
MSVOA_N
ClientSampleId :

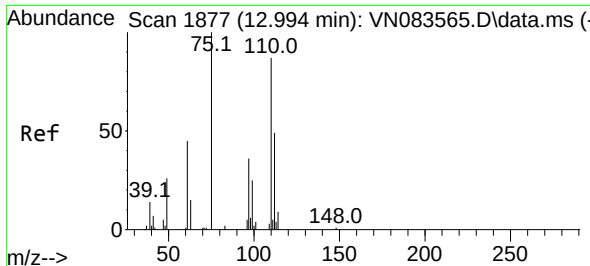
Tgt Ion:173 Resp: 507
Ion Ratio Lower Upper
173 100
175 1175.7 24.1 72.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Tgt Ion:152 Resp: 148490
Ion Ratio Lower Upper
152 100
115 65.7 32.2 96.6
150 158.6 0.0 348.6

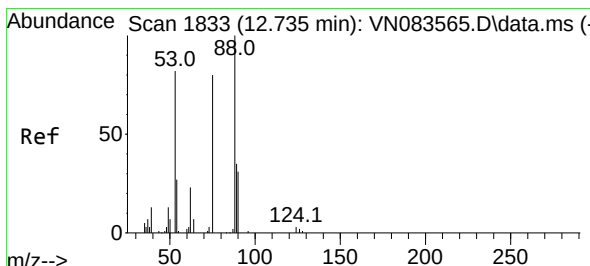
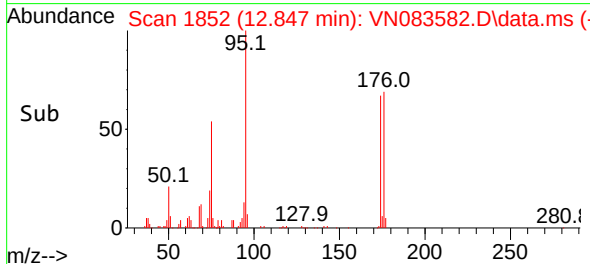
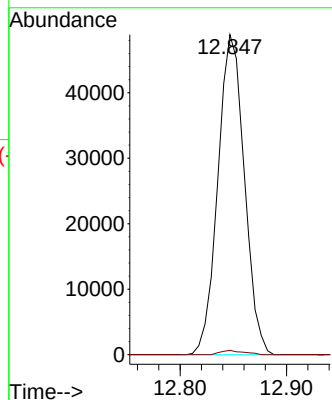
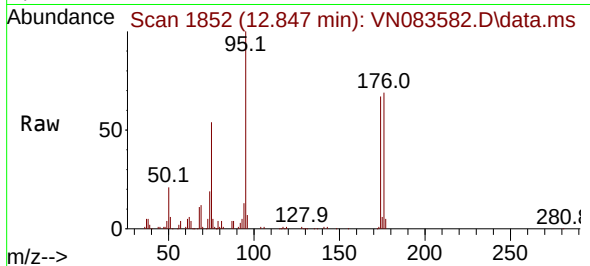




#76
1,2,3-Trichloropropane
Concen: 28.147 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 84385
Ion Ratio Lower Upper
75 100
77 1.2 95.2 285.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.388 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN083582.D
Acq: 30 Aug 2024 17:57

Tgt Ion: 75 Resp: 84385
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

