

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090424\
 Data File : VN083653.D
 Acq On : 04 Sep 2024 16:42
 Operator : JC\MD
 Sample : P3804-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 05 02:28:18 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)

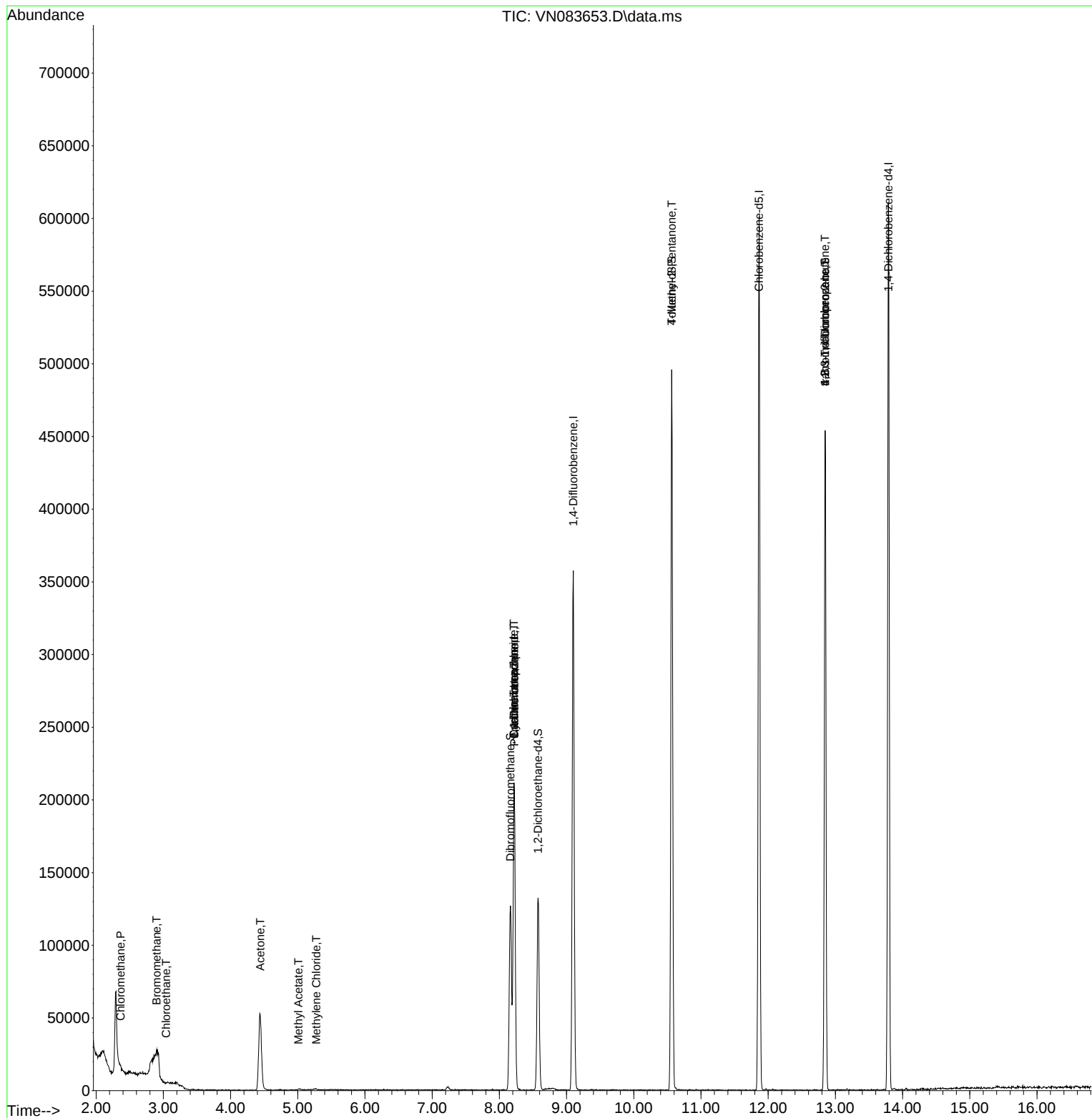
Internal Standards						
1) Pentafluorobenzene	8.224	168	144867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	294943	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	323833	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	155031	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114389	56.498	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 113.000%	
35) Dibromofluoromethane	8.165	113	91405	51.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.980%	
50) Toluene-d8	10.565	98	332430	48.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.160%	
62) 4-Bromofluorobenzene	12.847	95	159737	62.376	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 124.760%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.365	50	1139	0.638	ug/l #	77
5) Bromomethane	2.901	94	260	0.277	ug/l	84
6) Chloroethane	3.042	64	480	0.411	ug/l #	45
16) Acetone	4.442	43	1735	2.149	ug/l #	45
18) Methyl Acetate	5.012	43	1605	0.747	ug/l #	52
20) Methylene Chloride	5.277	84	385	0.216	ug/l #	66
31) Cyclohexane	8.218	56	3851	1.230	ug/l #	20
36) 1,1-Dichloropropene	8.218	75	13594	5.020	ug/l #	51
38) Carbon Tetrachloride	8.218	117	17115	5.540	ug/l #	16
43) Isopropyl Acetate	8.688	43	439	Below Cal	#	57
51) 4-Methyl-2-Pentanone	10.565	43	1653	0.660	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	88561	28.294	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	88561	66.733	ug/l #	9

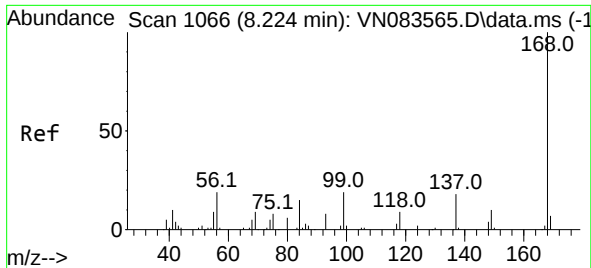
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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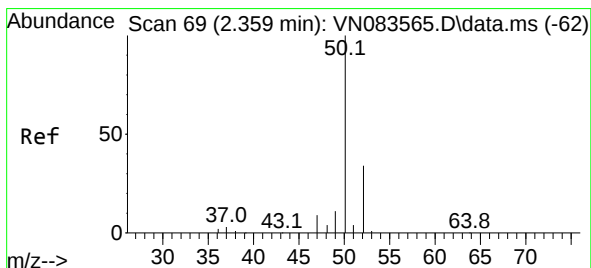
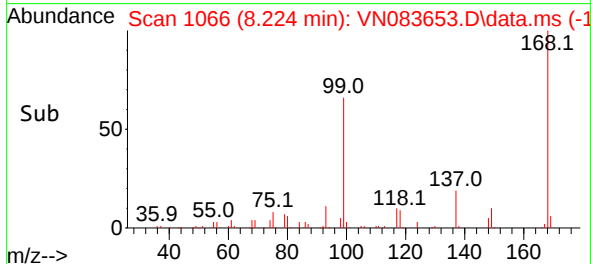
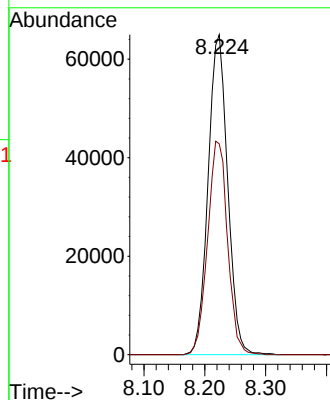
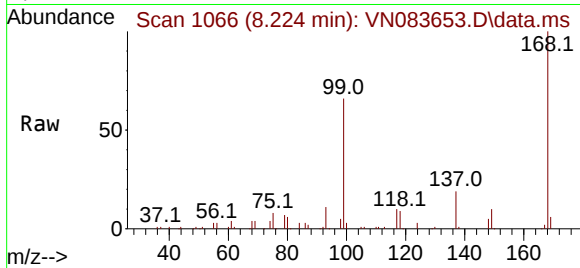




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

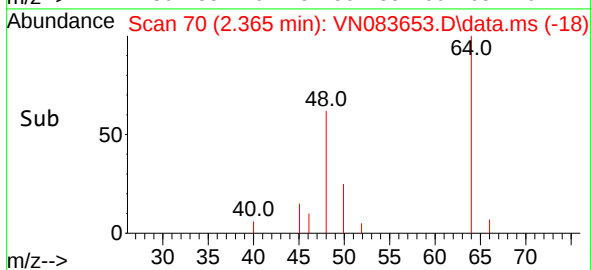
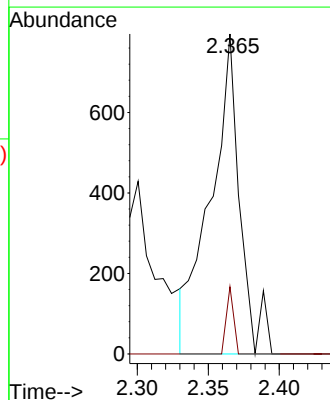
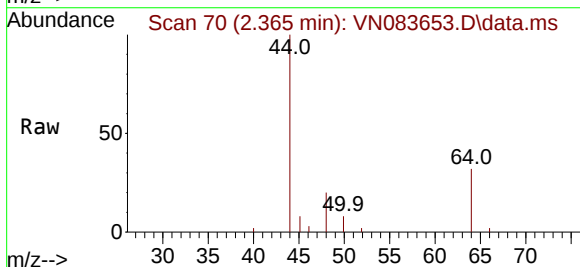
Instrument :
MSVOA_N
ClientSampleId :

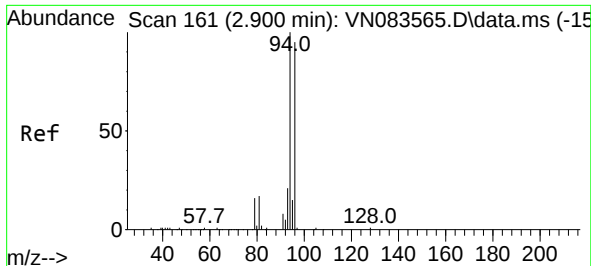
Tgt Ion:168 Resp: 144867
Ion Ratio Lower Upper
168 100
99 65.9 54.2 81.2



#3
Chloromethane
Concen: 0.638 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion: 50 Resp: 1139
Ion Ratio Lower Upper
50 100
52 21.0 27.2 40.8#

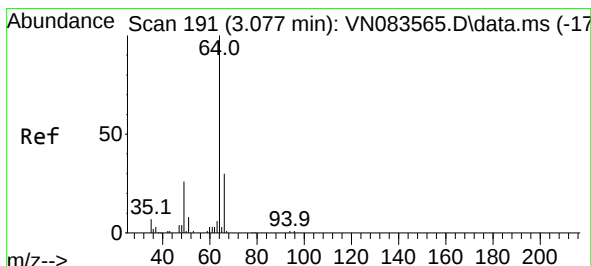
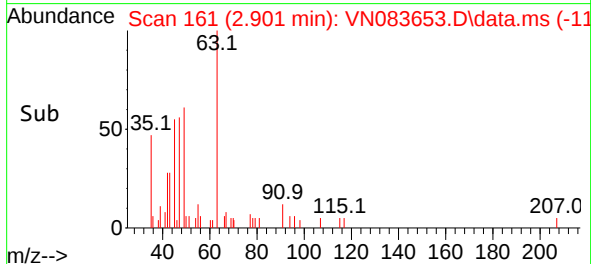
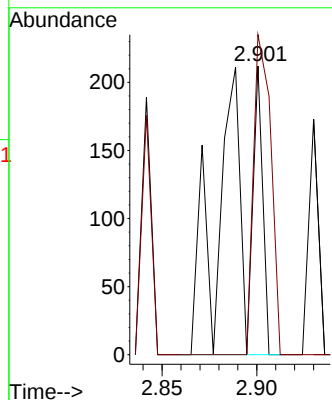
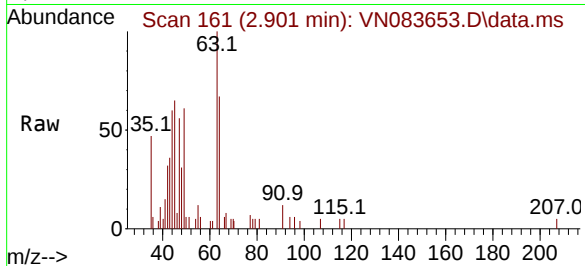




#5
Bromomethane
Concen: 0.277 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

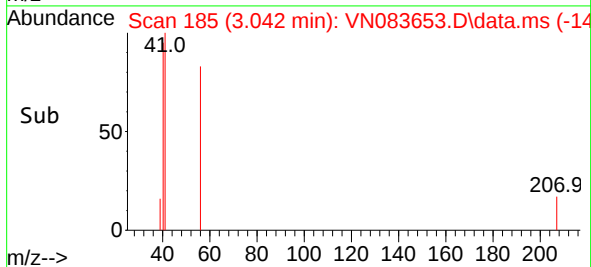
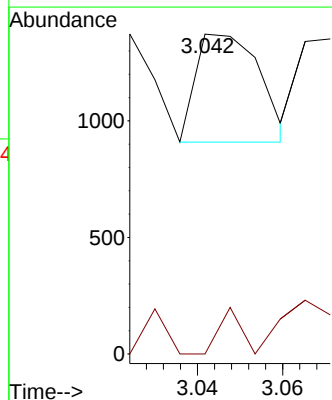
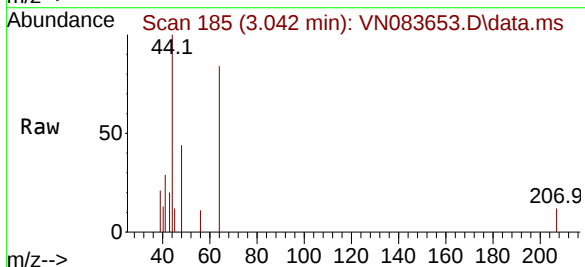
Instrument :
MSVOA_N
ClientSampleId :

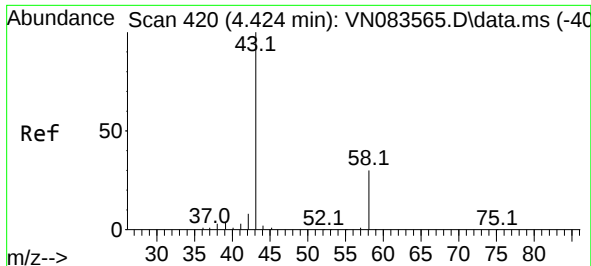
Tgt Ion: 94 Resp: 260
Ion Ratio Lower Upper
94 100
96 110.8 76.0 114.0



#6
Chloroethane
Concen: 0.411 ug/l
RT: 3.042 min Scan# 185
Delta R.T. -0.035 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

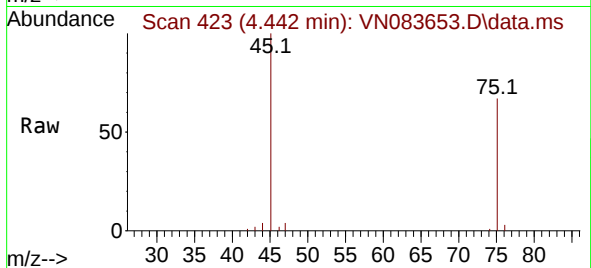
Tgt Ion: 64 Resp: 480
Ion Ratio Lower Upper
64 100
66 0.0 23.9 35.9#



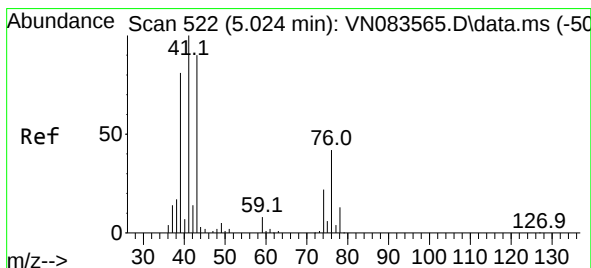
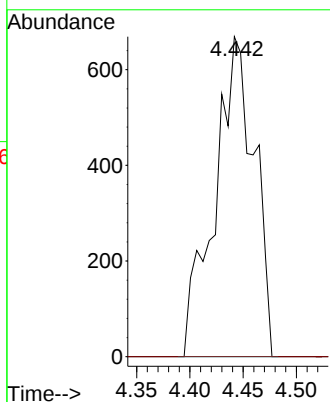
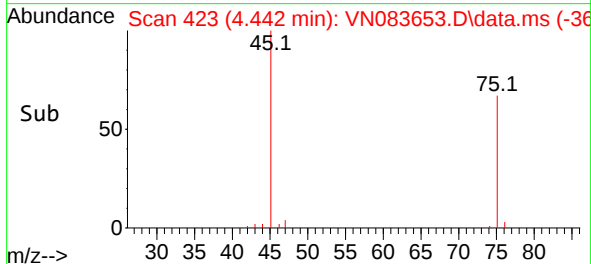


#16
Acetone
Concen: 2.149 ug/l
RT: 4.442 min Scan# 41
Delta R.T. 0.018 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

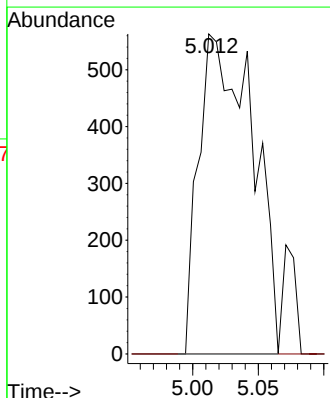
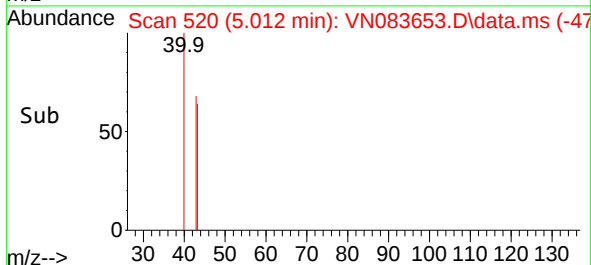
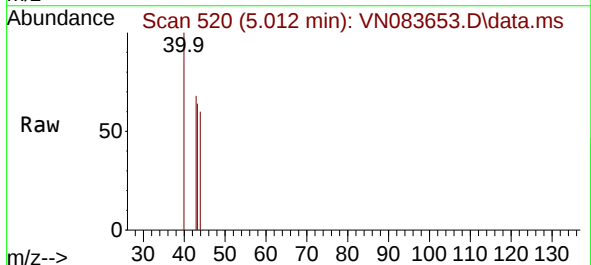


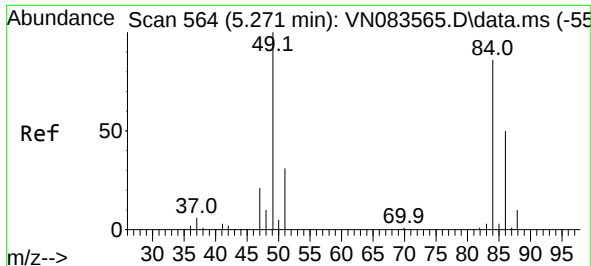
Tgt Ion: 43 Resp: 1735
Ion Ratio Lower Upper
43 100
58 0.0 23.7 35.5#



#18
Methyl Acetate
Concen: 0.747 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.012 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

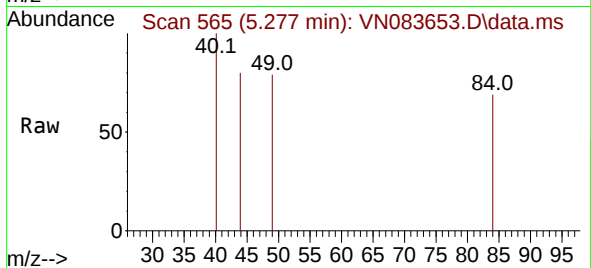
Tgt Ion: 43 Resp: 1605
Ion Ratio Lower Upper
43 100
74 0.0 19.0 28.4#



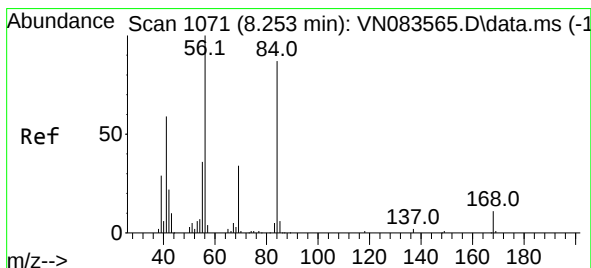
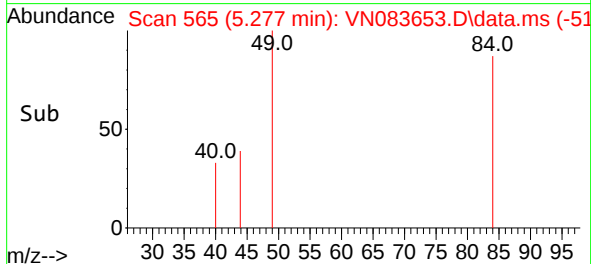
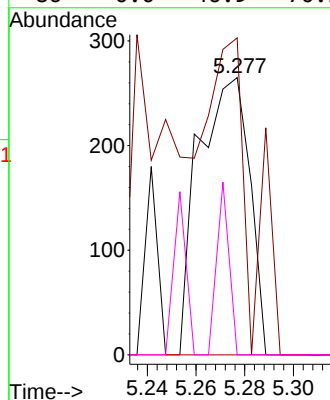


#20
Methylene Chloride
Concen: 0.216 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

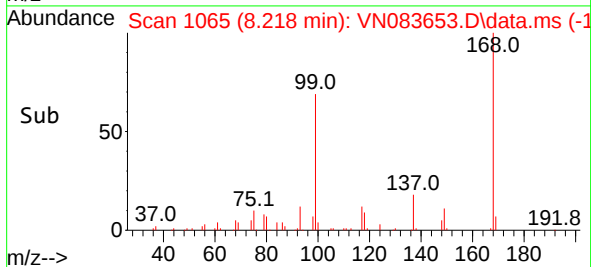
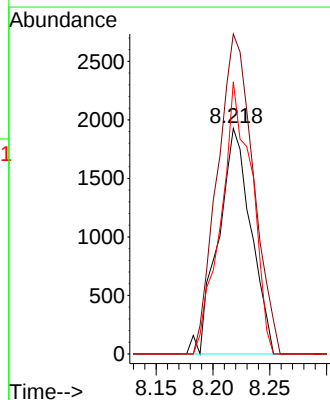
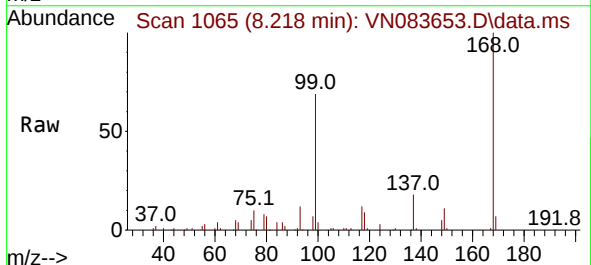


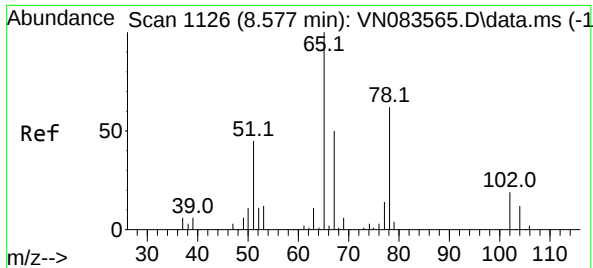
Tgt Ion:	84	Resp:	385
Ion	Ratio	Lower	Upper
84	100		
49	114.3	93.4	140.0
51	0.0	29.2	43.8#
86	0.0	46.9	70.3#



#31
Cyclohexane
Concen: 1.230 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion:	56	Resp:	3851
Ion	Ratio	Lower	Upper
56	100		
69	141.8	26.9	40.3#
84	120.6	69.2	103.8#

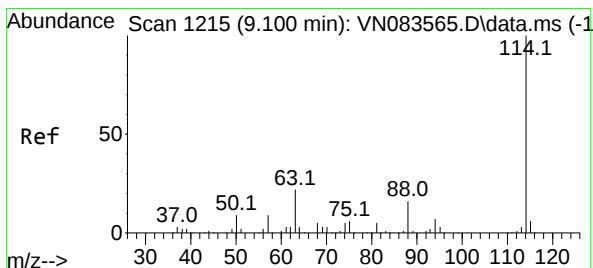
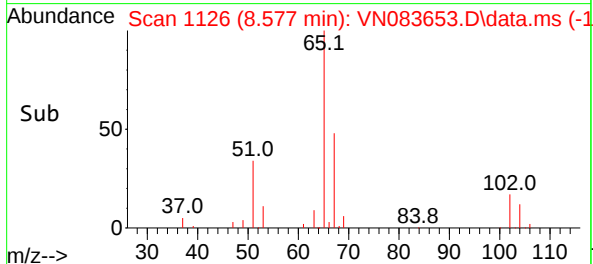
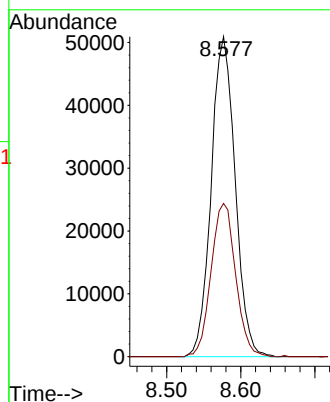
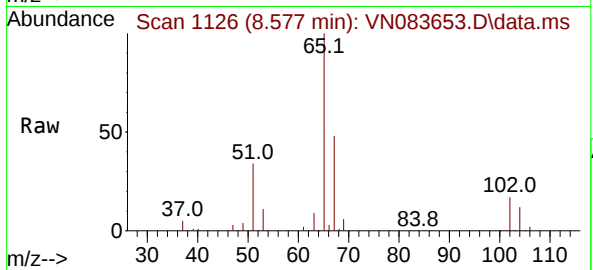




#33
 1,2-Dichloroethane-d4
 Concen: 56.498 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN083653.D
 Acq: 04 Sep 2024 16:42

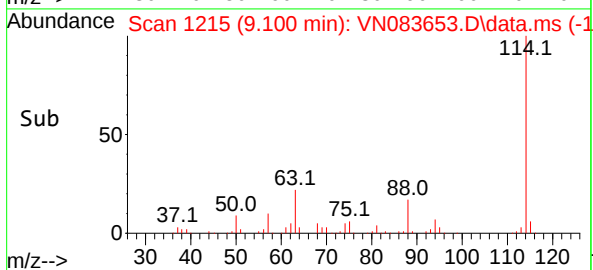
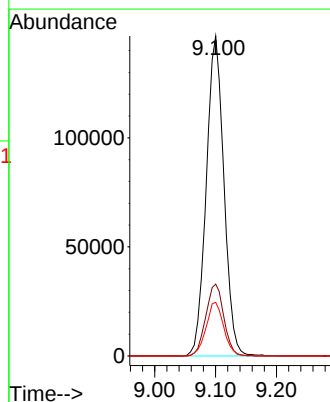
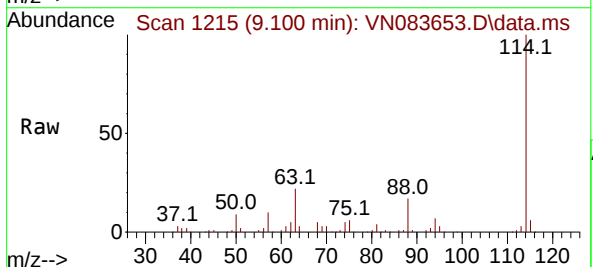
Instrument :
 MSVOA_N
 ClientSampleId :

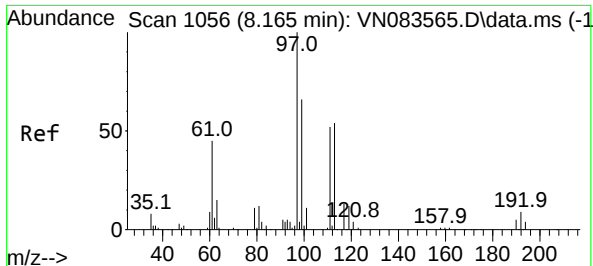
Tgt Ion: 65 Resp: 114389
 Ion Ratio Lower Upper
 65 100
 67 49.1 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN083653.D
 Acq: 04 Sep 2024 16:42

Tgt Ion: 114 Resp: 294943
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 43.4
 88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 51.490 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN083653.D

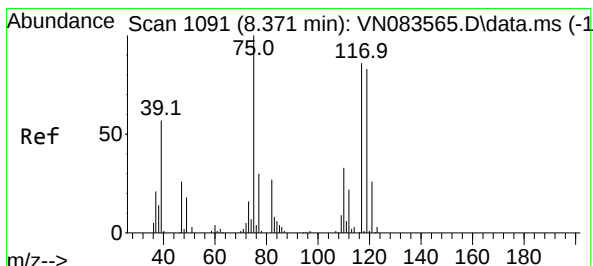
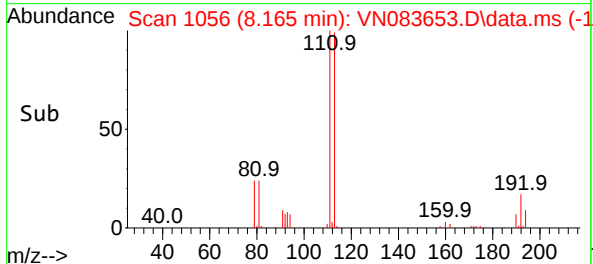
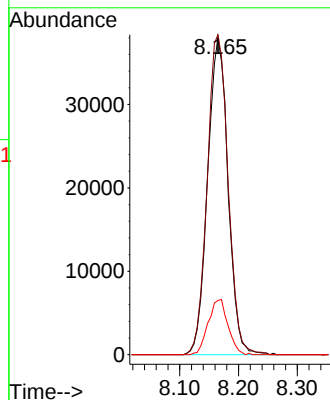
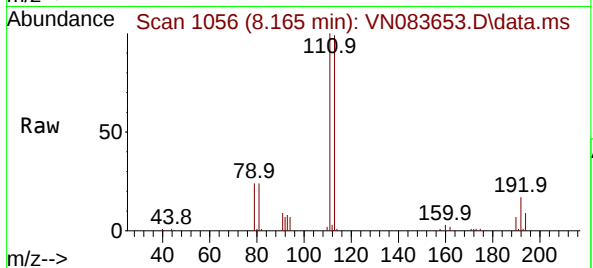
Acq: 04 Sep 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:113	Resp:	91405
Ion Ratio	Lower	Upper
113	100	
111	103.6	82.6 124.0
192	16.9	14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.020 ug/l

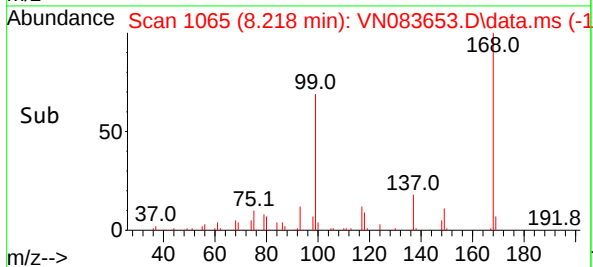
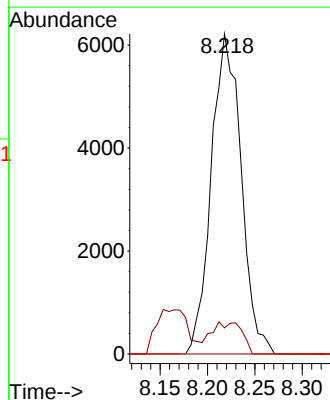
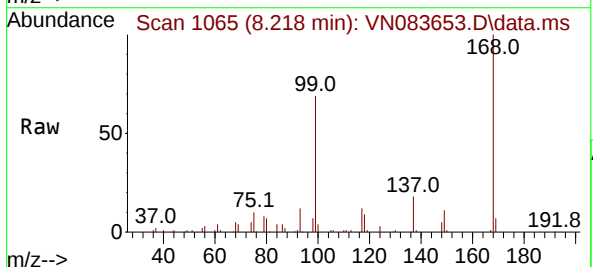
RT: 8.218 min Scan# 1065

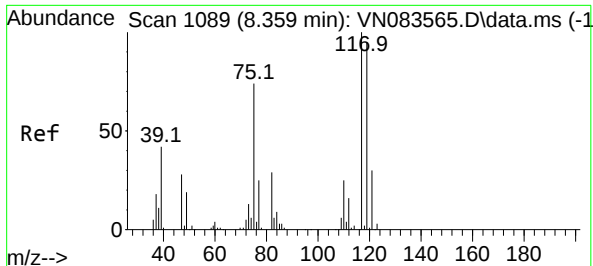
Delta R.T. -0.153 min

Lab File: VN083653.D

Acq: 04 Sep 2024 16:42

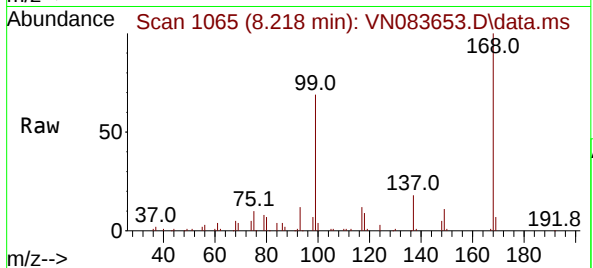
Tgt Ion: 75	Resp:	13594
Ion Ratio	Lower	Upper
75	100	
110	10.1	16.7 50.1#
77	0.0	25.2 37.8#



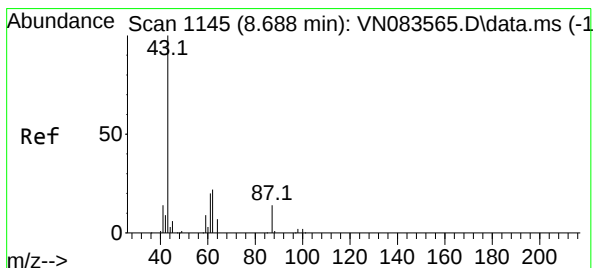
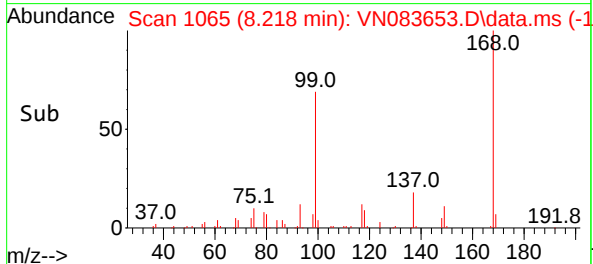
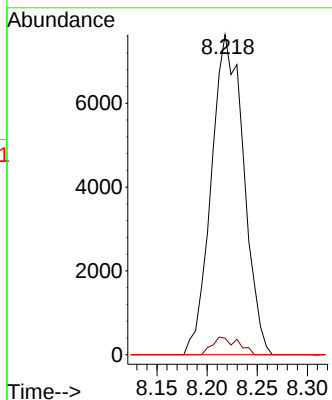


#38
Carbon Tetrachloride
Concen: 5.540 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

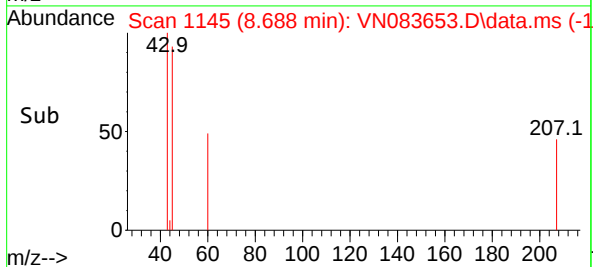
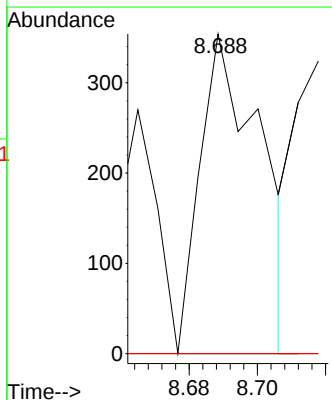
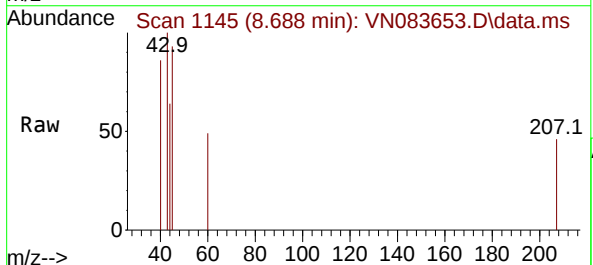


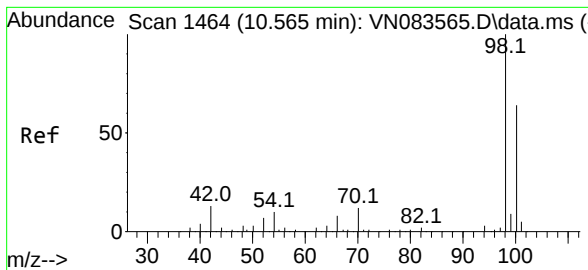
Tgt Ion:117 Resp: 17115
Ion Ratio Lower Upper
117 100
119 5.2 76.1 114.1#
121 0.0 24.1 36.1#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion: 43 Resp: 439
Ion Ratio Lower Upper
43 100
61 0.0 19.4 29.0#
87 0.0 9.8 14.6#

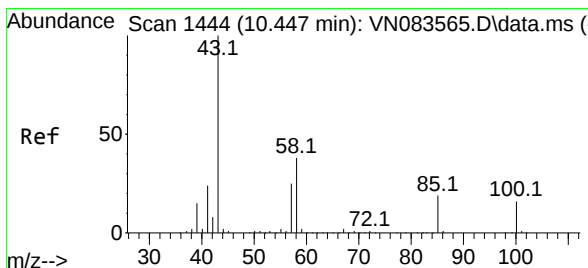
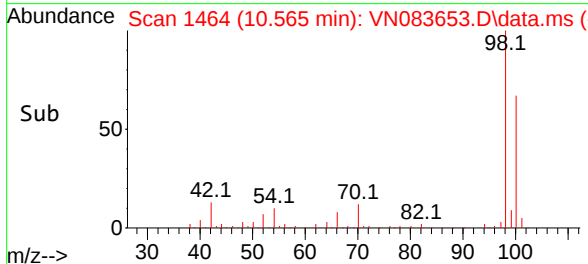
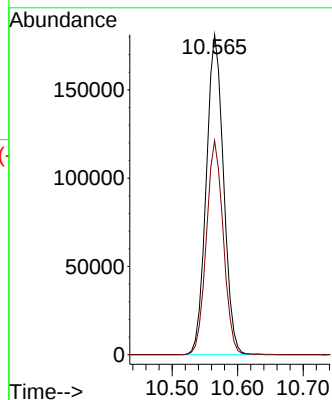
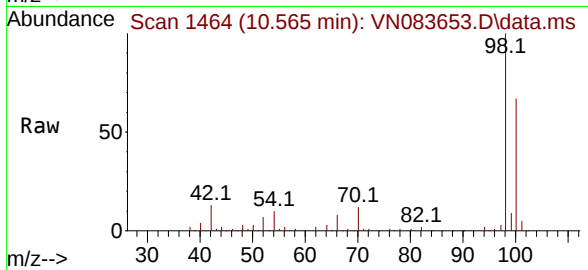




#50
Toluene-d8
Concen: 48.078 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

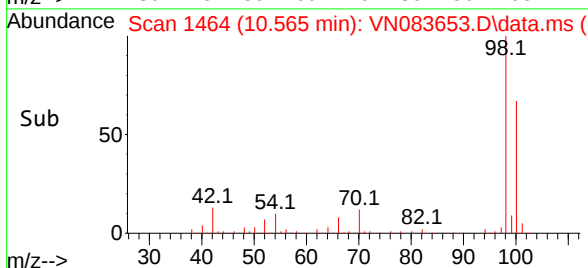
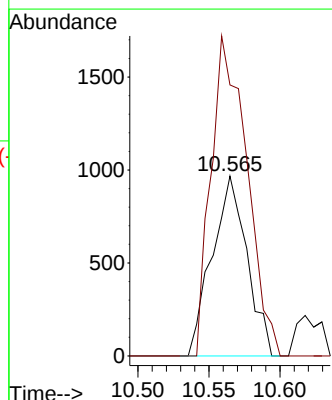
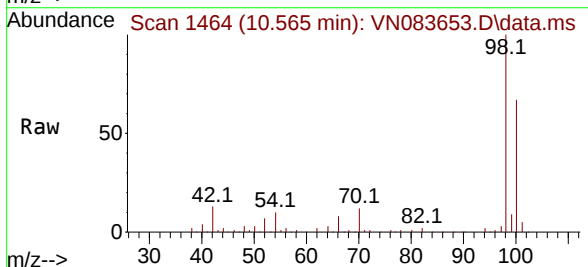
Instrument :
MSVOA_N
ClientSampleId :

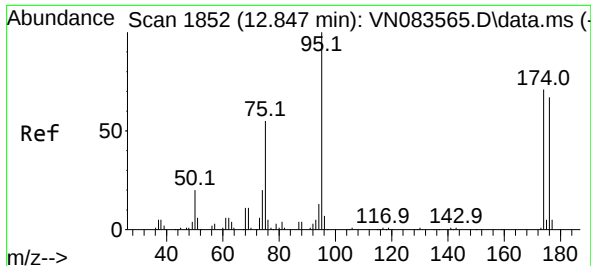
Tgt Ion: 98 Resp: 332430
Ion Ratio Lower Upper
98 100
100 65.6 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 0.660 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.118 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Tgt Ion: 43 Resp: 1653
Ion Ratio Lower Upper
43 100
58 182.6 31.6 47.4#





#62

4-Bromofluorobenzene

Concen: 62.376 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN083653.D

Acq: 04 Sep 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

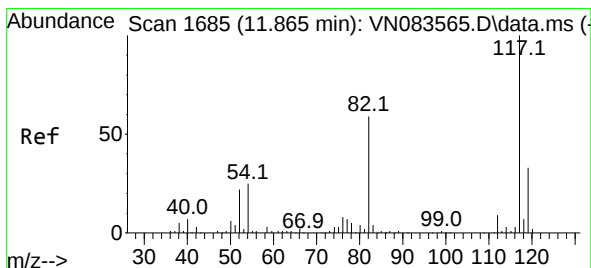
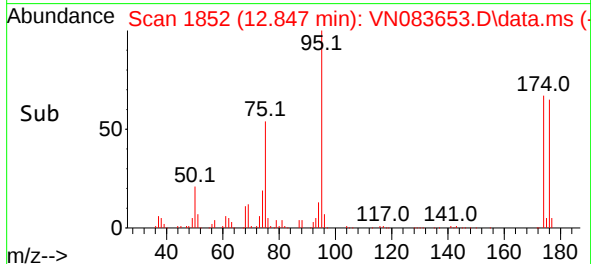
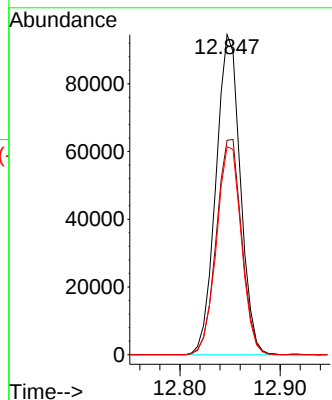
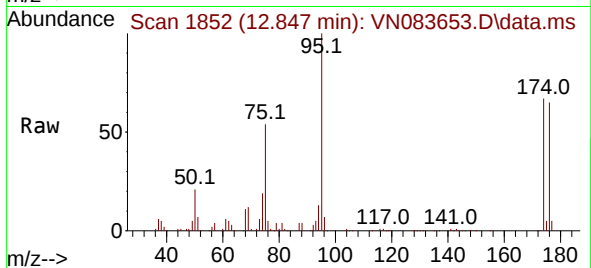
Tgt Ion: 95 Resp: 159737

Ion Ratio Lower Upper

95 100

174 69.8 0.0 139.8

176 66.5 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: VN083653.D

Acq: 04 Sep 2024 16:42

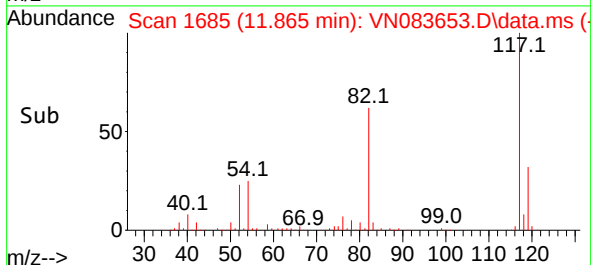
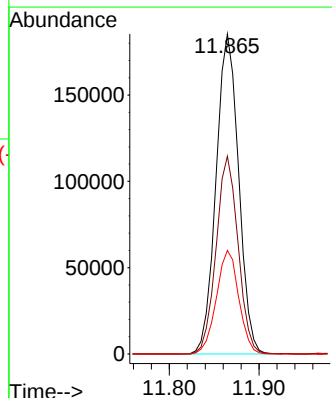
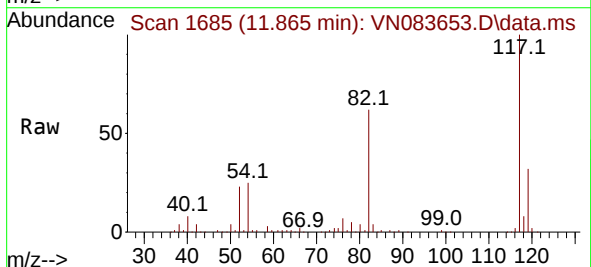
Tgt Ion: 117 Resp: 323833

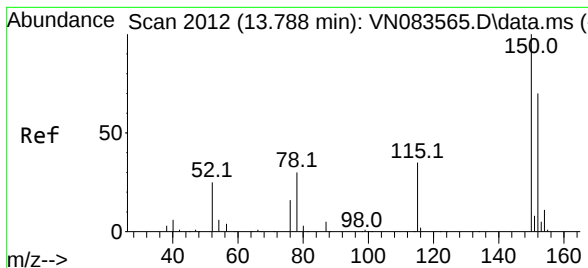
Ion Ratio Lower Upper

117 100

82 61.8 47.4 71.0

119 32.4 26.3 39.5





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN083653.D

Acq: 04 Sep 2024 16:42

Instrument :

MSVOA_N

ClientSampleId :

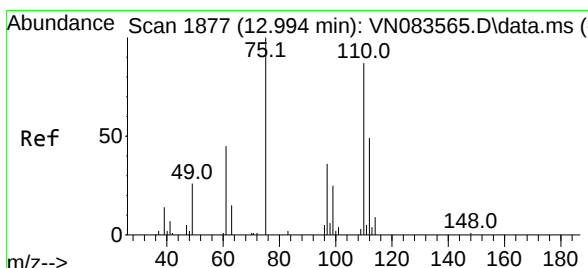
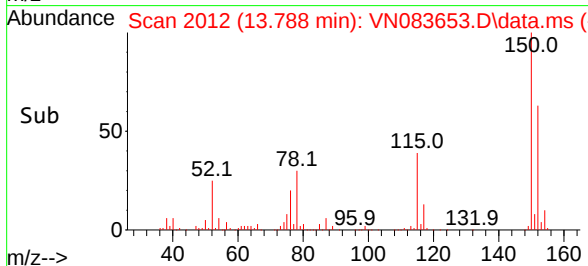
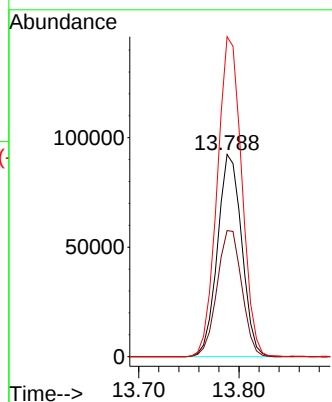
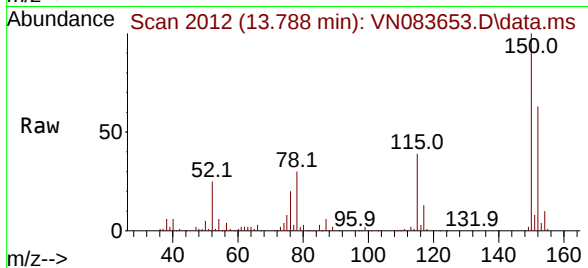
Tgt Ion:152 Resp: 155031

Ion Ratio Lower Upper

152 100

115 63.9 32.2 96.6

150 160.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 28.294 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN083653.D

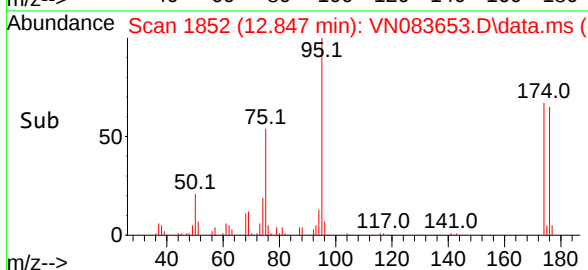
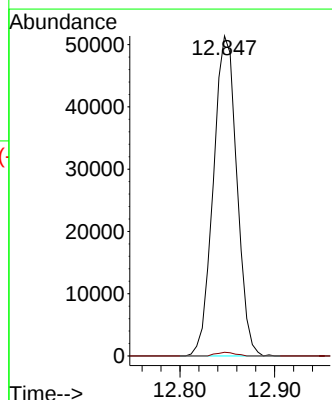
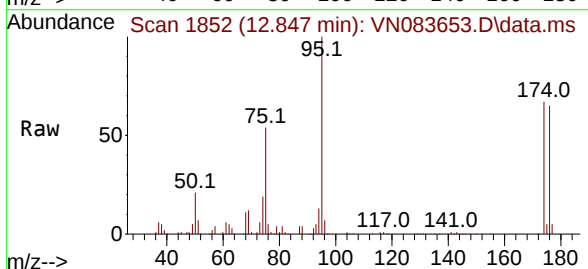
Acq: 04 Sep 2024 16:42

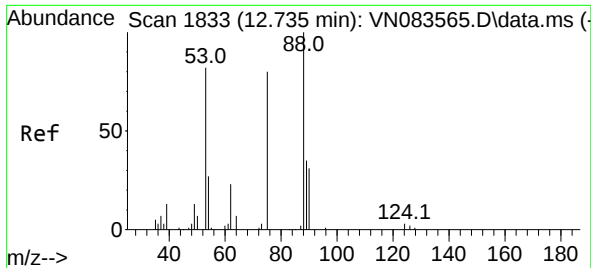
Tgt Ion: 75 Resp: 88561

Ion Ratio Lower Upper

75 100

77 0.9 95.2 285.6#





#81
trans-1,4-Dichloro-2-butene
Concen: 66.733 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN083653.D
Acq: 04 Sep 2024 16:42

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 88561
Ion Ratio Lower Upper
75 100
53 0.0 81.2 121.8#
89 0.0 35.7 53.5#

