

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102124\
 Data File : VN084442.D
 Acq On : 21 Oct 2024 17:40
 Operator : JC\MD
 Sample : P4438-07
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 22 07:56:18 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)

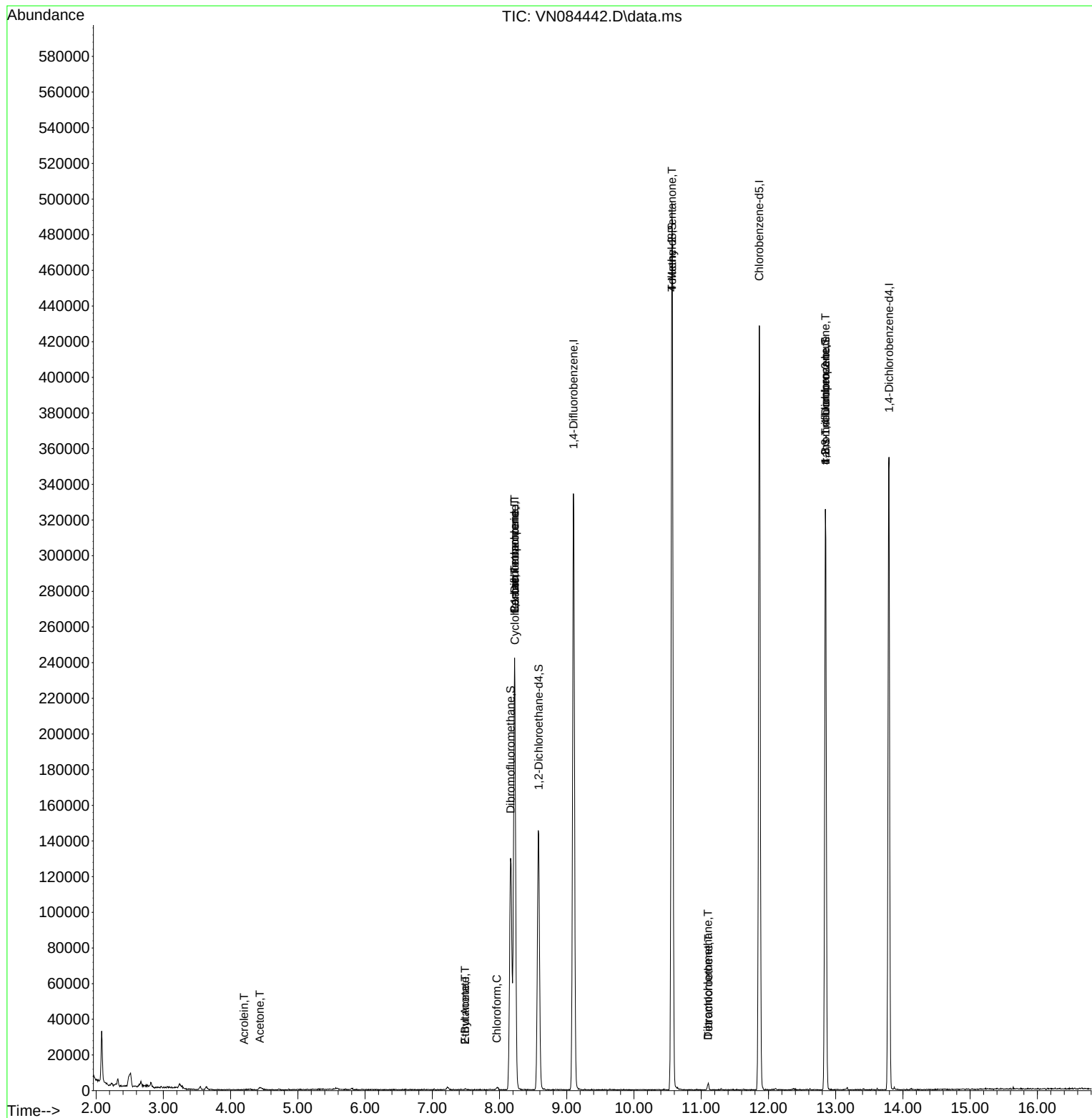
Internal Standards						
1) Pentafluorobenzene	8.224	168	167949	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	288550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	244682	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	95771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118526	47.598	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.200%
35) Dibromofluoromethane	8.165	113	97274	51.135	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.260%
50) Toluene-d8	10.565	98	345899	49.423	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.847	95	114060	44.734	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	89.460%
Target Compounds						
					Qvalue	
13) Acrolein	4.200	56	108	0.229	ug/l #	14
16) Acetone	4.436	43	2703	2.527	ug/l	100
25) 2-Butanone	7.488	43	795	0.546	ug/l #	72
30) Chloroform	7.959	83	1413	0.358	ug/l #	73
31) Cyclohexane	8.229	56	3887	1.054	ug/l #	8
36) 1,1-Dichloropropene	8.224	75	14937	5.406	ug/l #	50
37) Ethyl Acetate	7.488	43	795	0.280	ug/l #	69
38) Carbon Tetrachloride	8.224	117	17703	5.841	ug/l #	16
51) 4-Methyl-2-Pentanone	10.565	43	1418	0.525	ug/l #	1
60) Dibromochloromethane	11.100	129	844	0.380	ug/l #	11
64) Tetrachloroethene	11.106	164	872	0.512	ug/l #	73
76) 1,2,3-Trichloropropane	12.847	75	60398	30.891	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	60398	74.060	ug/l #	11

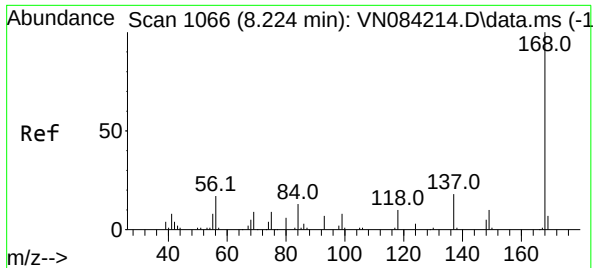
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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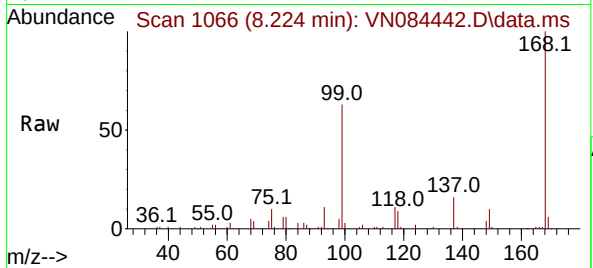
Quant Time: Oct 22 07:56:18 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



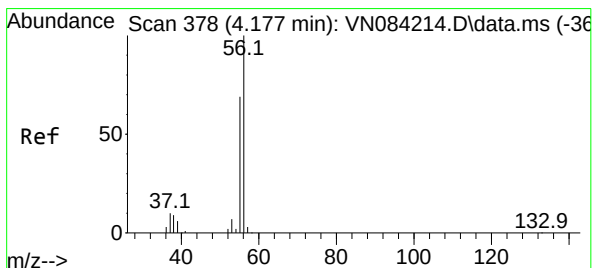
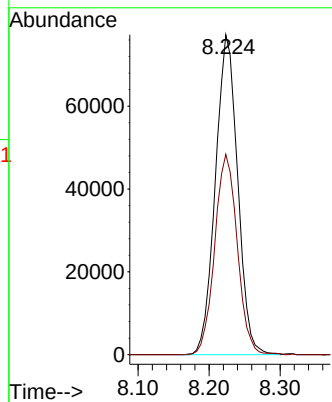
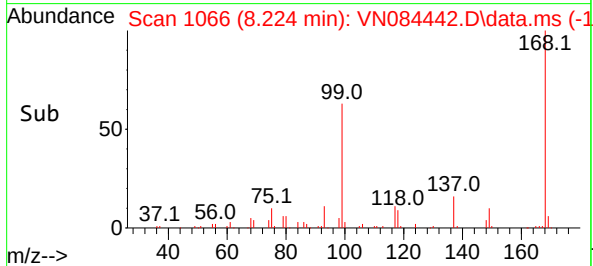


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :

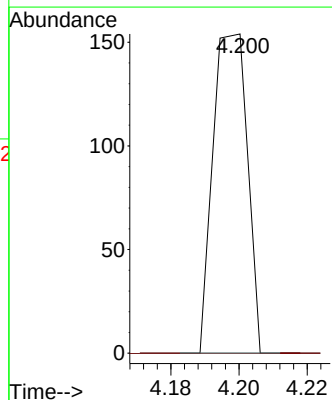
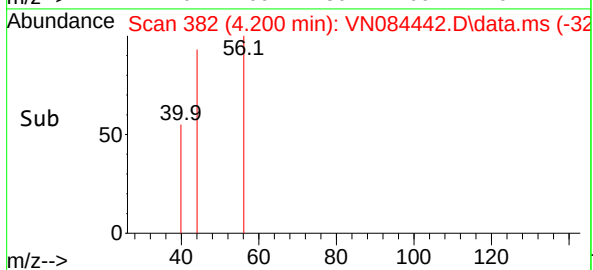
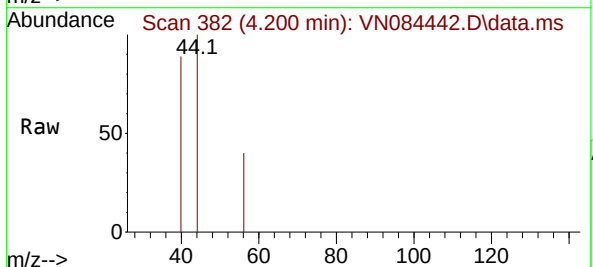


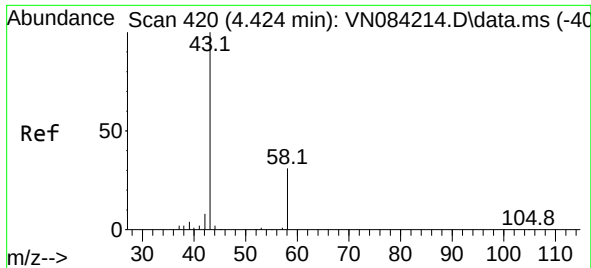
Tgt Ion:168 Resp: 167949
Ion Ratio Lower Upper
168 100
99 62.6 54.2 81.2



#13
Acrolein
Concen: 0.229 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.023 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 56 Resp: 108
Ion Ratio Lower Upper
56 100
55 0.0 57.2 85.8#

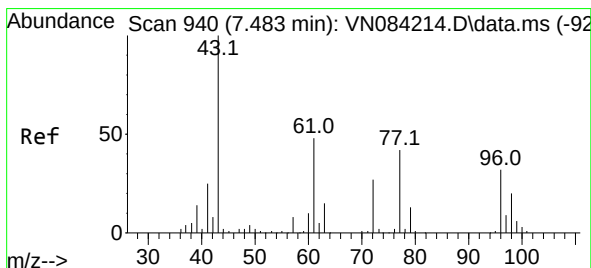
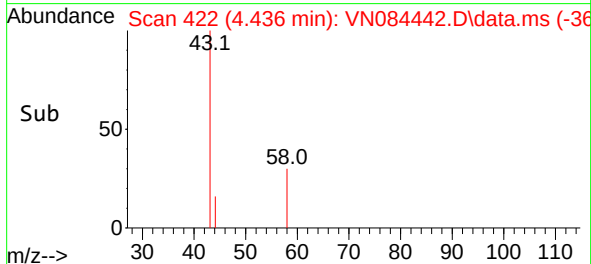
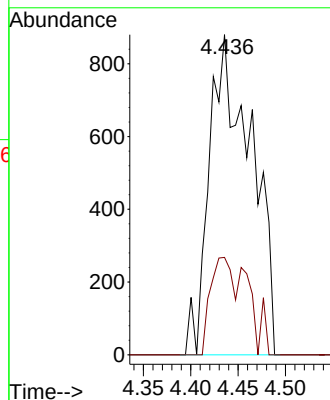
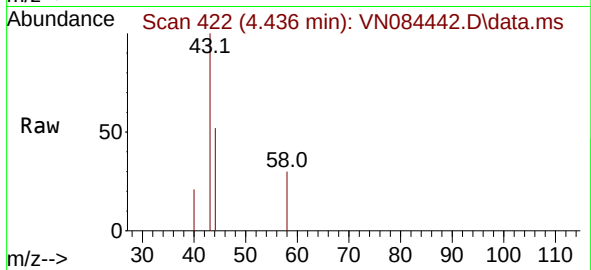




#16
Acetone
Concen: 2.527 ug/l
RT: 4.436 min Scan# 41
Delta R.T. 0.012 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

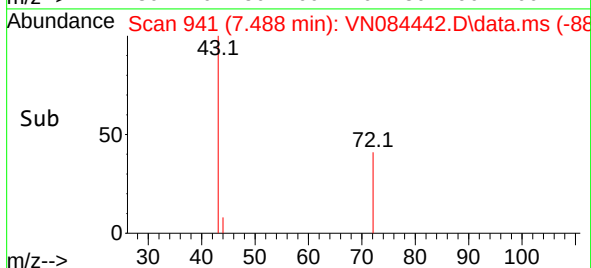
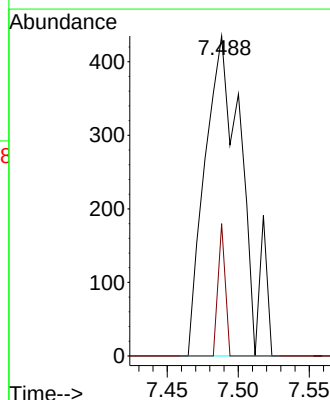
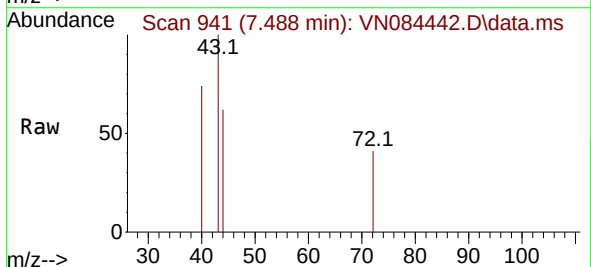
Instrument :
MSVOA_N
ClientSampleId :

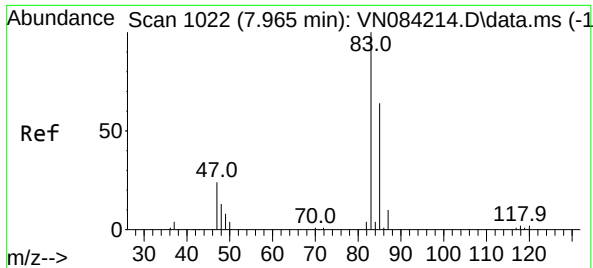
Tgt Ion: 43 Resp: 2703
Ion Ratio Lower Upper
43 100
58 30.5 24.4 36.6



#25
2-Butanone
Concen: 0.546 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
72 41.4 21.4 32.2#

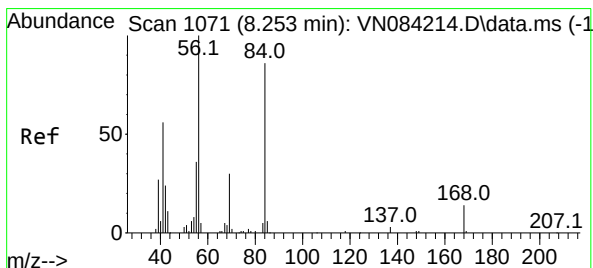
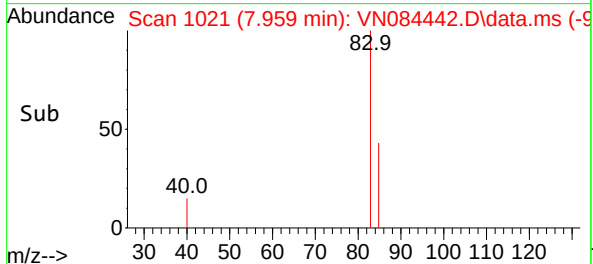
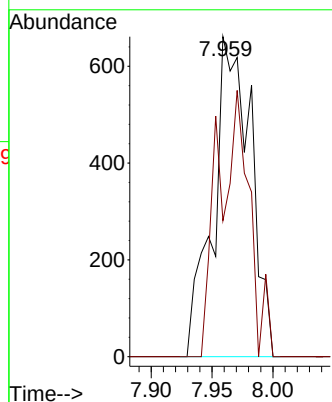
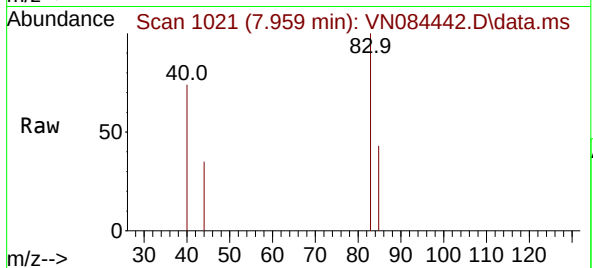




#30
Chloroform
Concen: 0.358 ug/l
RT: 7.959 min Scan# 1067
Delta R.T. -0.006 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

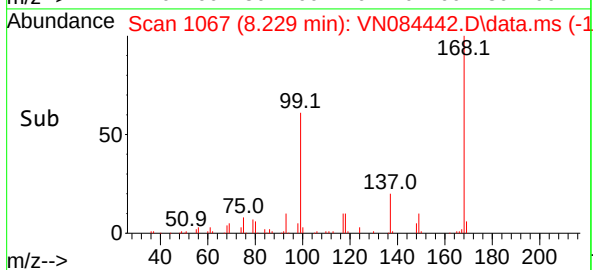
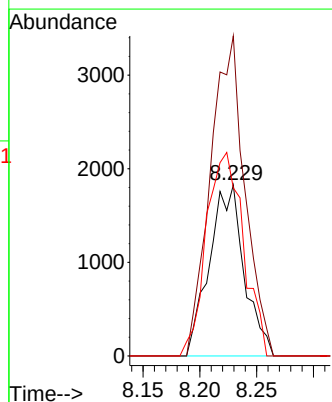
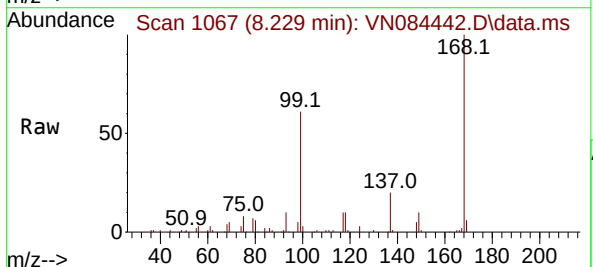
Instrument :
MSVOA_N
ClientSampleId :

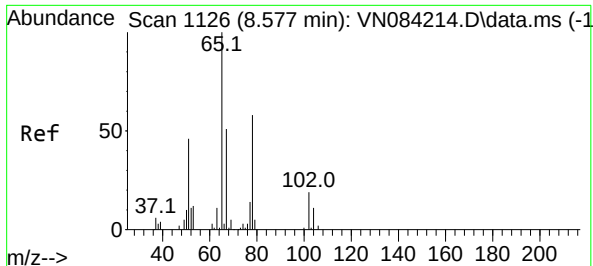
Tgt Ion: 83 Resp: 1413
Ion Ratio Lower Upper
83 100
85 42.5 51.0 76.4#



#31
Cyclohexane
Concen: 1.054 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.024 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 56 Resp: 3887
Ion Ratio Lower Upper
56 100
69 187.1 23.8 35.6#
84 107.5 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.598 ug/l

RT: 8.582 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

Instrument :

MSVOA_N

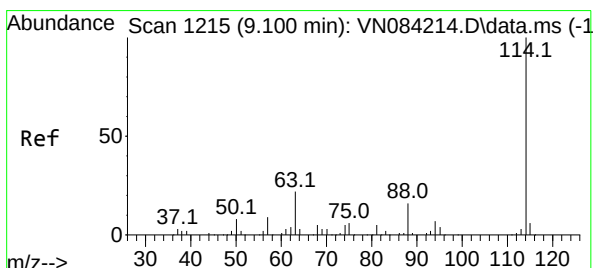
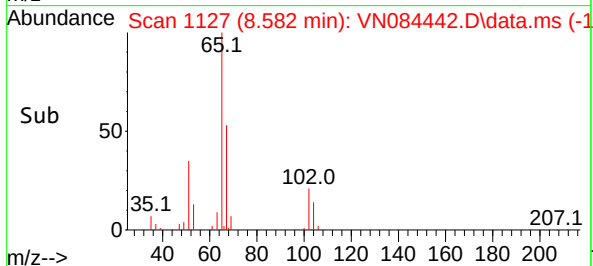
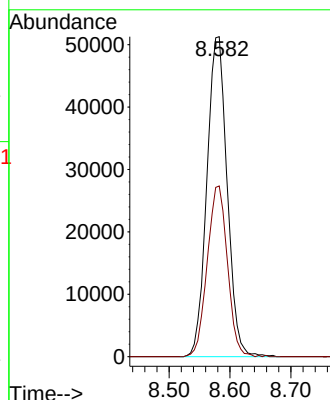
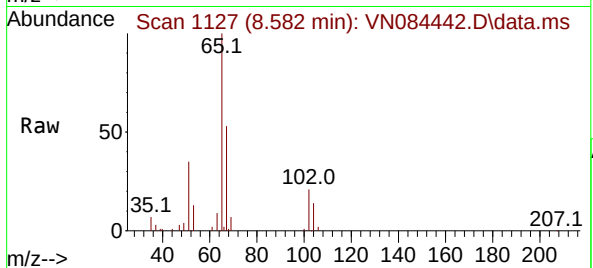
ClientSampleId :

Tgt Ion: 65 Resp: 118526

Ion Ratio Lower Upper

65 100

67 53.1 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: VN084442.D

Acq: 21 Oct 2024 17:40

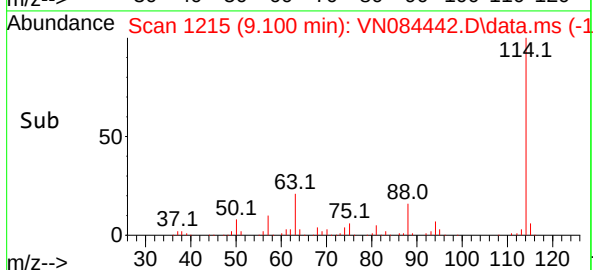
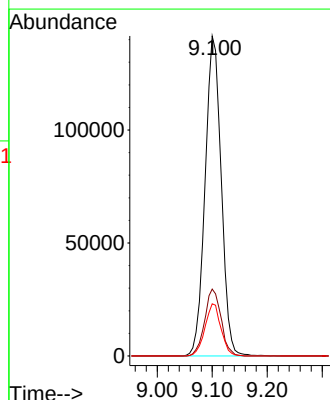
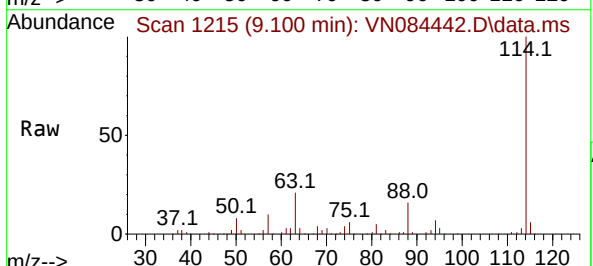
Tgt Ion: 114 Resp: 288550

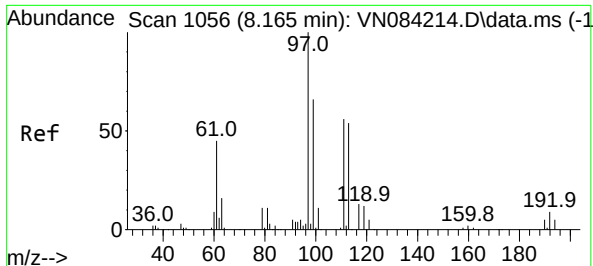
Ion Ratio Lower Upper

114 100

63 20.9 0.0 43.8

88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.135 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

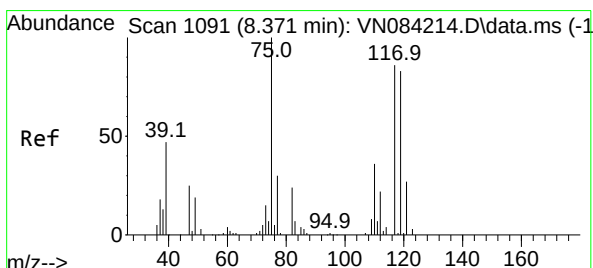
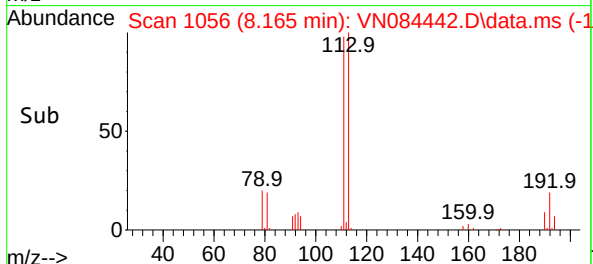
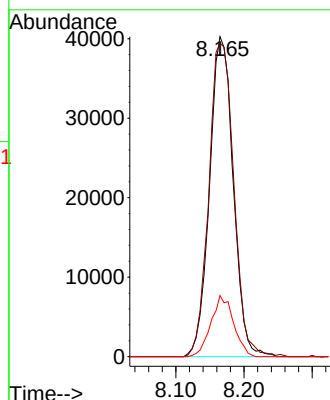
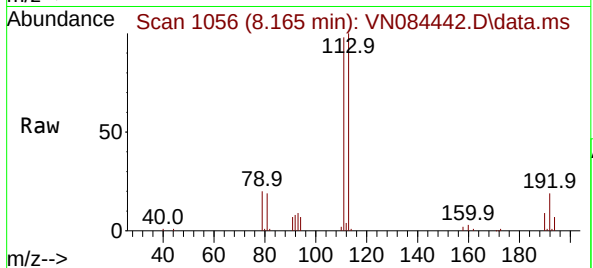
Tgt Ion:113 Resp: 97274

Ion Ratio Lower Upper

113 100

111 103.5 83.3 124.9

192 18.3 13.5 20.3



#36

1,1-Dichloropropene

Concen: 5.406 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

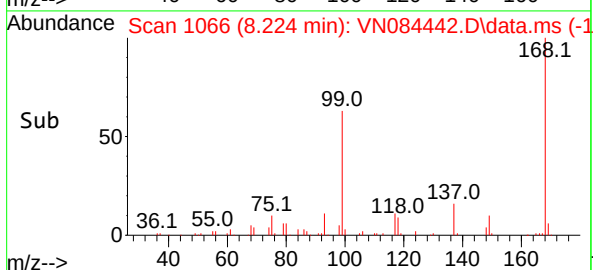
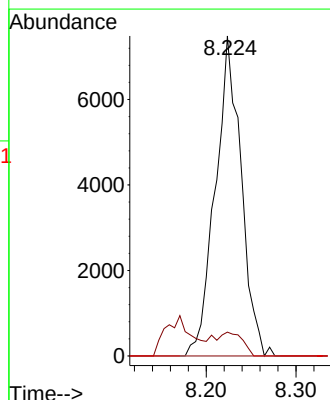
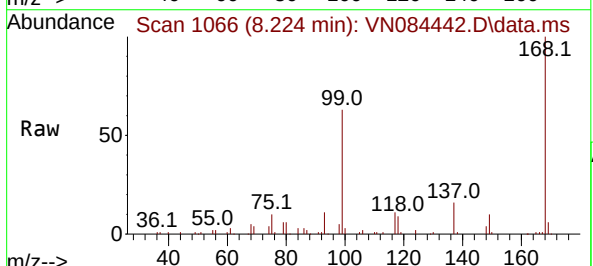
Tgt Ion: 75 Resp: 14937

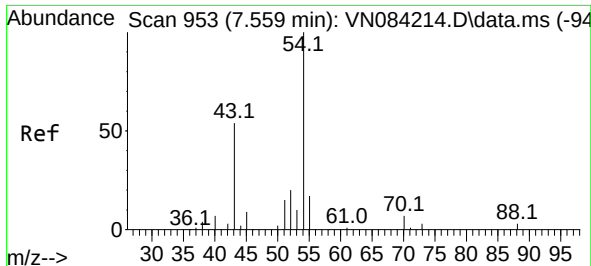
Ion Ratio Lower Upper

75 100

110 8.1 16.9 50.7#

77 0.0 24.7 37.1#





#37

Ethyl Acetate

Concen: 0.280 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.071 min

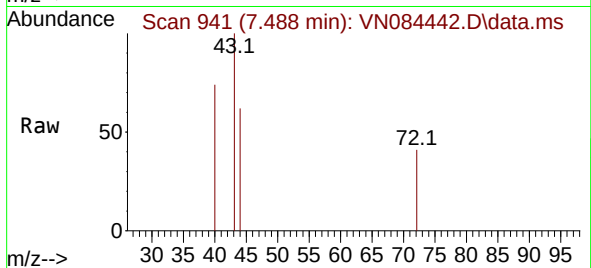
Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

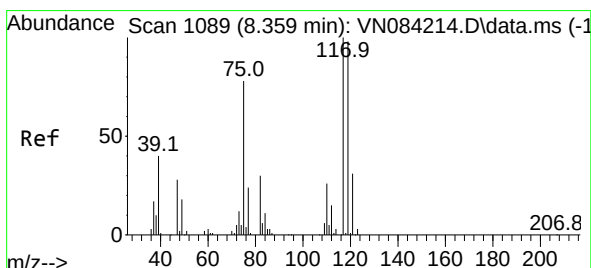
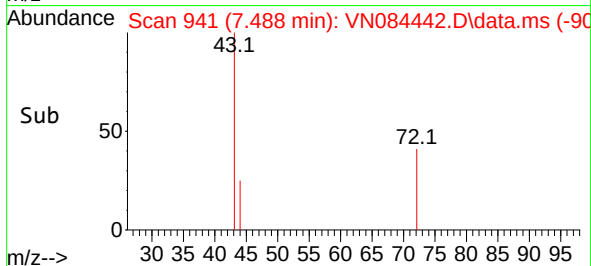
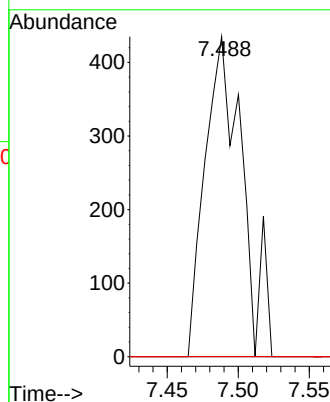
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	43	Resp:	795
Ion	Ratio	Lower	Upper
43	100		
61	0.0	10.7	16.1#
70	0.0	8.8	13.2#



#38

Carbon Tetrachloride

Concen: 5.841 ug/l

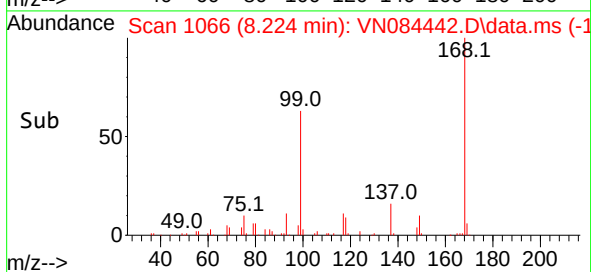
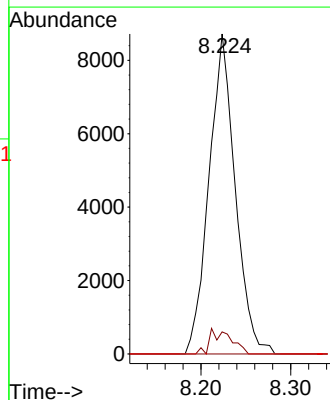
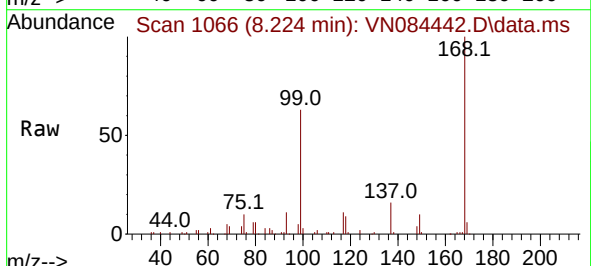
RT: 8.224 min Scan# 1066

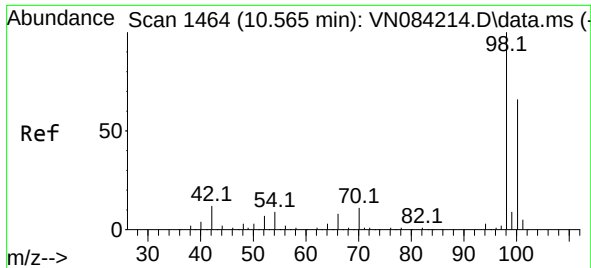
Delta R.T. -0.135 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

Tgt Ion:	117	Resp:	17703
Ion	Ratio	Lower	Upper
117	100		
119	6.9	78.7	118.1#
121	0.0	24.4	36.6#

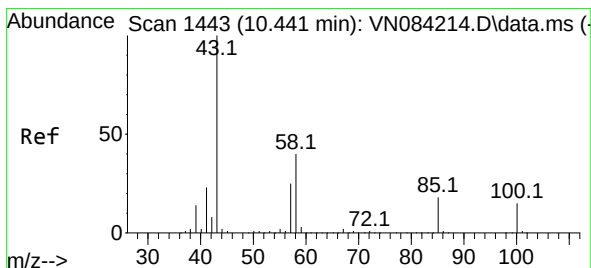
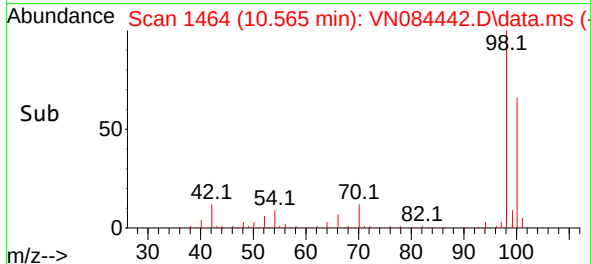
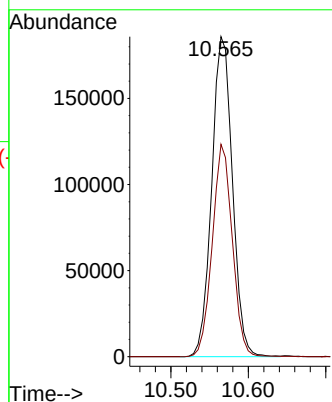
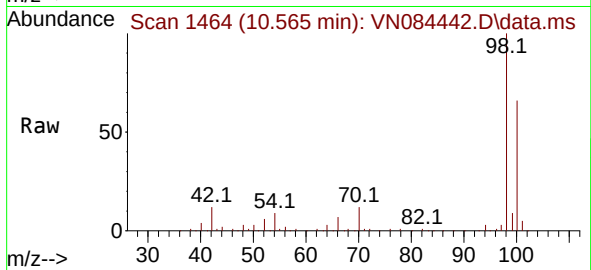




#50
Toluene-d8
Concen: 49.423 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

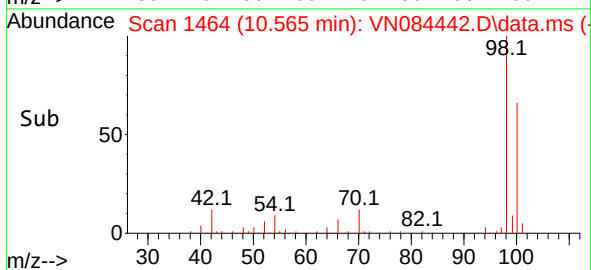
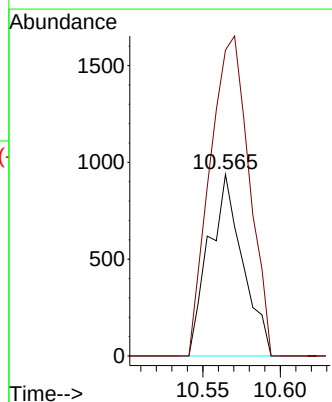
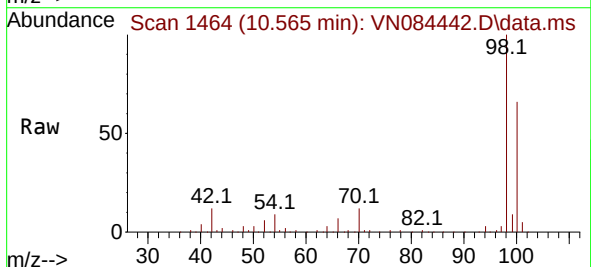
Instrument :
MSVOA_N
ClientSampleId :

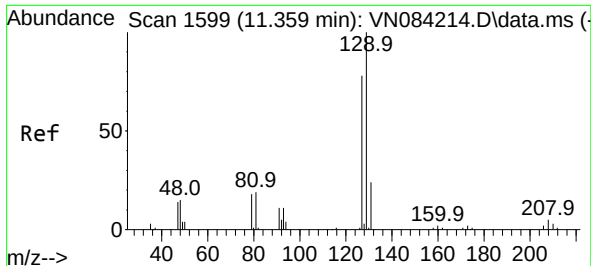
Tgt Ion: 98 Resp: 345899
Ion Ratio Lower Upper
98 100
100 64.2 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.525 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.123 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 43 Resp: 1418
Ion Ratio Lower Upper
43 100
58 204.6 31.6 47.4#

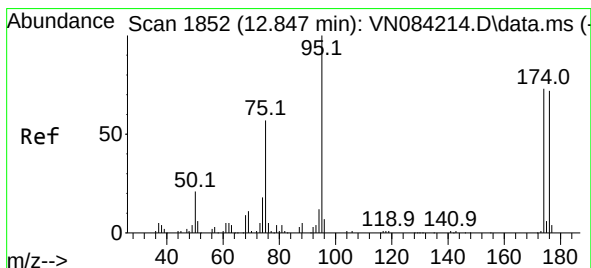
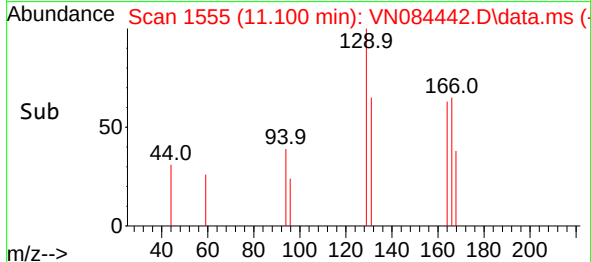
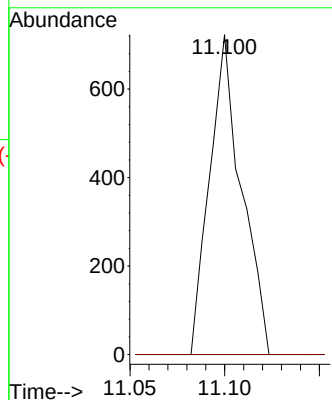
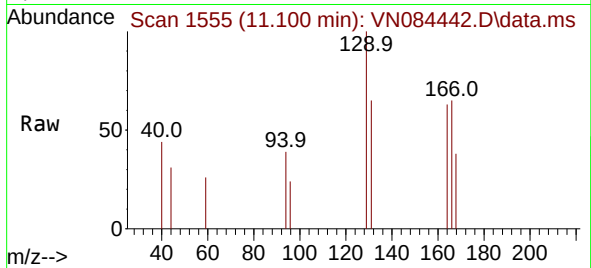




#60
Dibromochloromethane
Concen: 0.380 ug/l
RT: 11.100 min Scan# 11
Delta R.T. -0.259 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

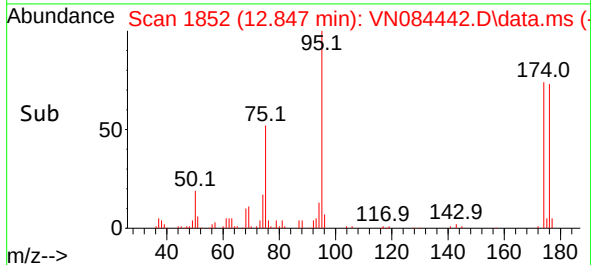
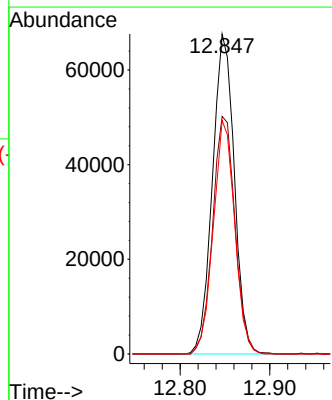
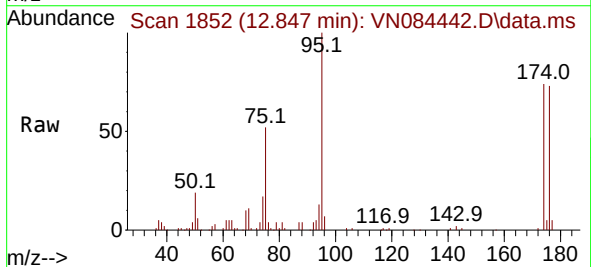
Instrument :
MSVOA_N
ClientSampleId :

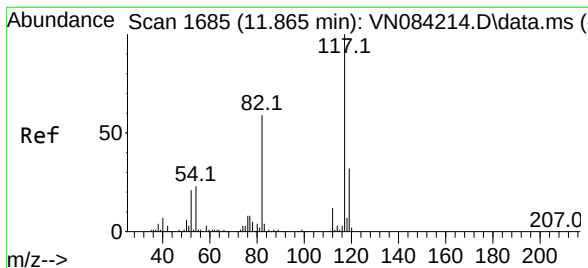
Tgt Ion:129 Resp: 844
Ion Ratio Lower Upper
129 100
127 0.0 38.3 114.9#



#62
4-Bromofluorobenzene
Concen: 44.734 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Tgt Ion: 95 Resp: 114060
Ion Ratio Lower Upper
95 100
174 75.8 0.0 145.2
176 71.8 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: VN084442.D

Acq: 21 Oct 2024 17:40

Instrument :

MSVOA_N

ClientSampleId :

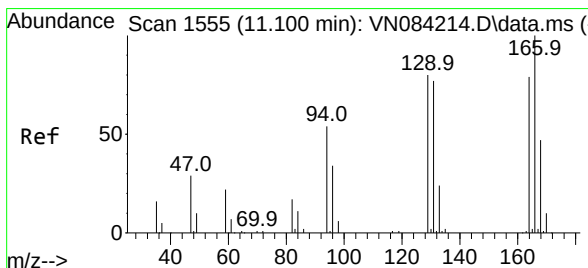
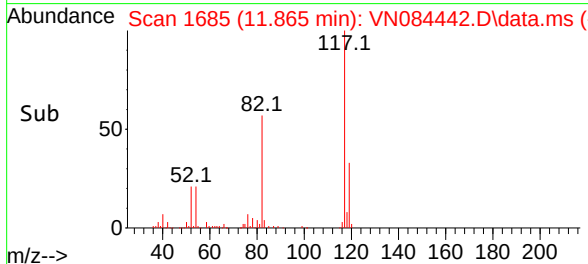
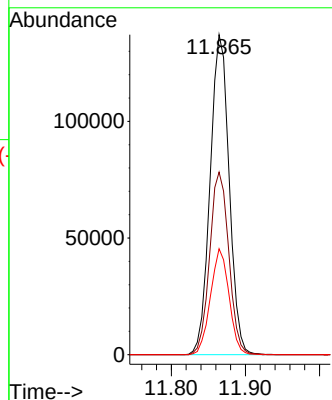
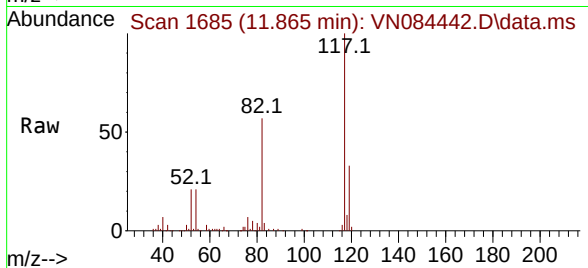
Tgt Ion:117 Resp: 244682

Ion Ratio Lower Upper

117 100

82 57.1 47.2 70.8

119 33.1 25.4 38.0



#64

Tetrachloroethene

Concen: 0.512 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084442.D

Acq: 21 Oct 2024 17:40

Tgt Ion:164 Resp: 872

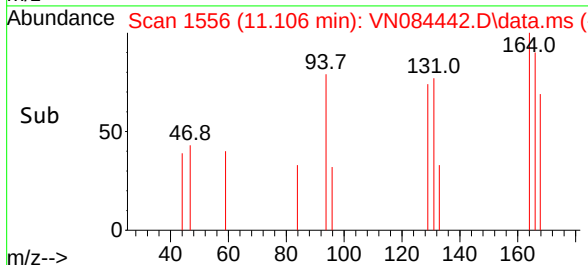
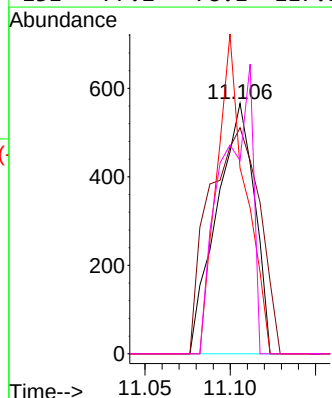
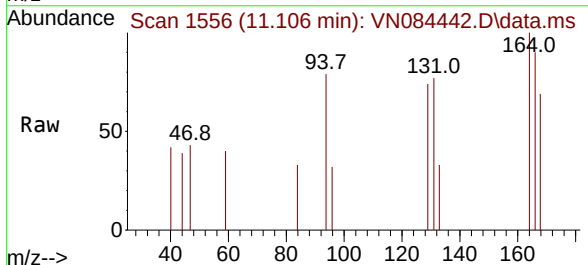
Ion Ratio Lower Upper

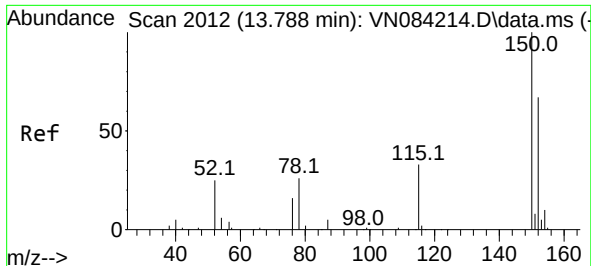
164 100

166 90.3 101.0 151.4#

129 74.2 80.8 121.2#

131 77.2 78.1 117.1#

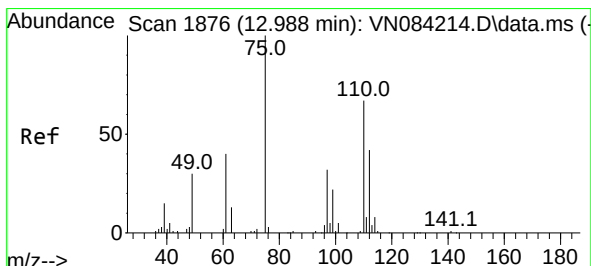
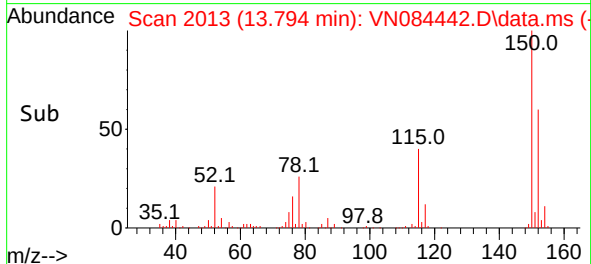
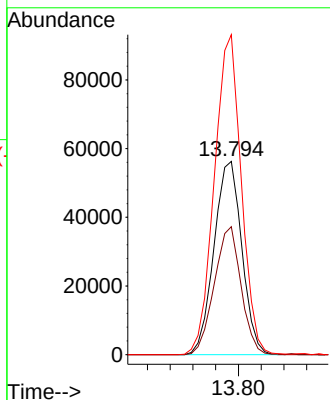
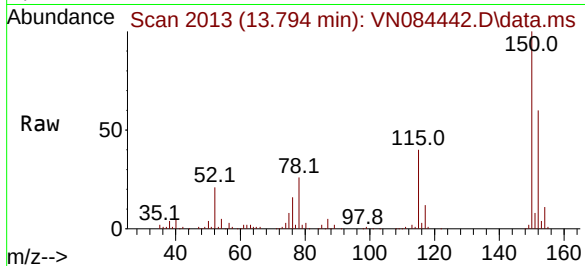




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084442.D
 Acq: 21 Oct 2024 17:40

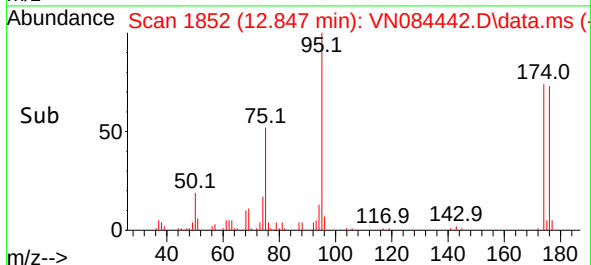
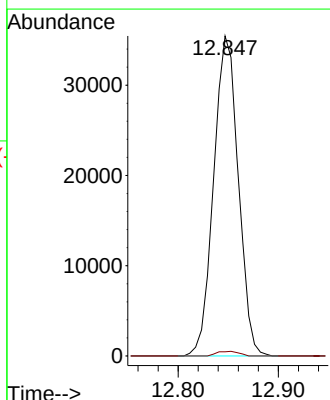
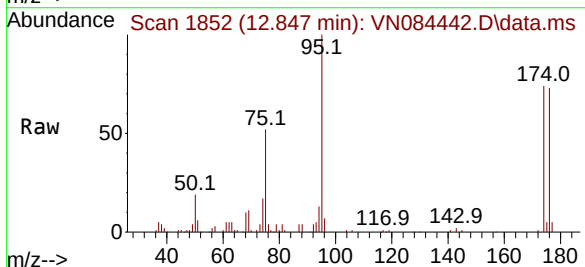
Instrument :
 MSVOA_N
 ClientSampleId :

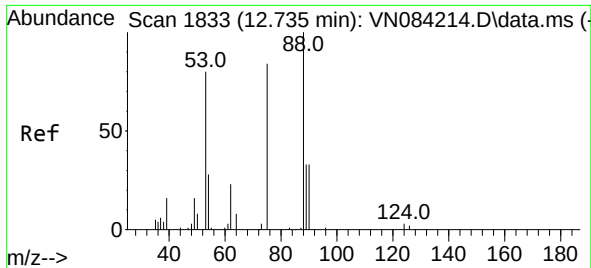
Tgt Ion:152 Resp: 95771
 Ion Ratio Lower Upper
 152 100
 115 63.6 31.3 93.9
 150 160.4 0.0 349.8



#76
 1,2,3-Trichloropropane
 Concen: 30.891 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN084442.D
 Acq: 21 Oct 2024 17:40

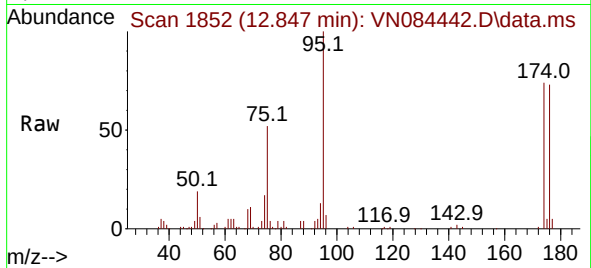
Tgt Ion: 75 Resp: 60398
 Ion Ratio Lower Upper
 75 100
 77 1.3 96.9 290.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.060 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN084442.D
Acq: 21 Oct 2024 17:40

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 60398
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#

