

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084810.D
 Acq On : 12 Nov 2024 20:50
 Operator : JC\MD
 Sample : P4780-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 02:38:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

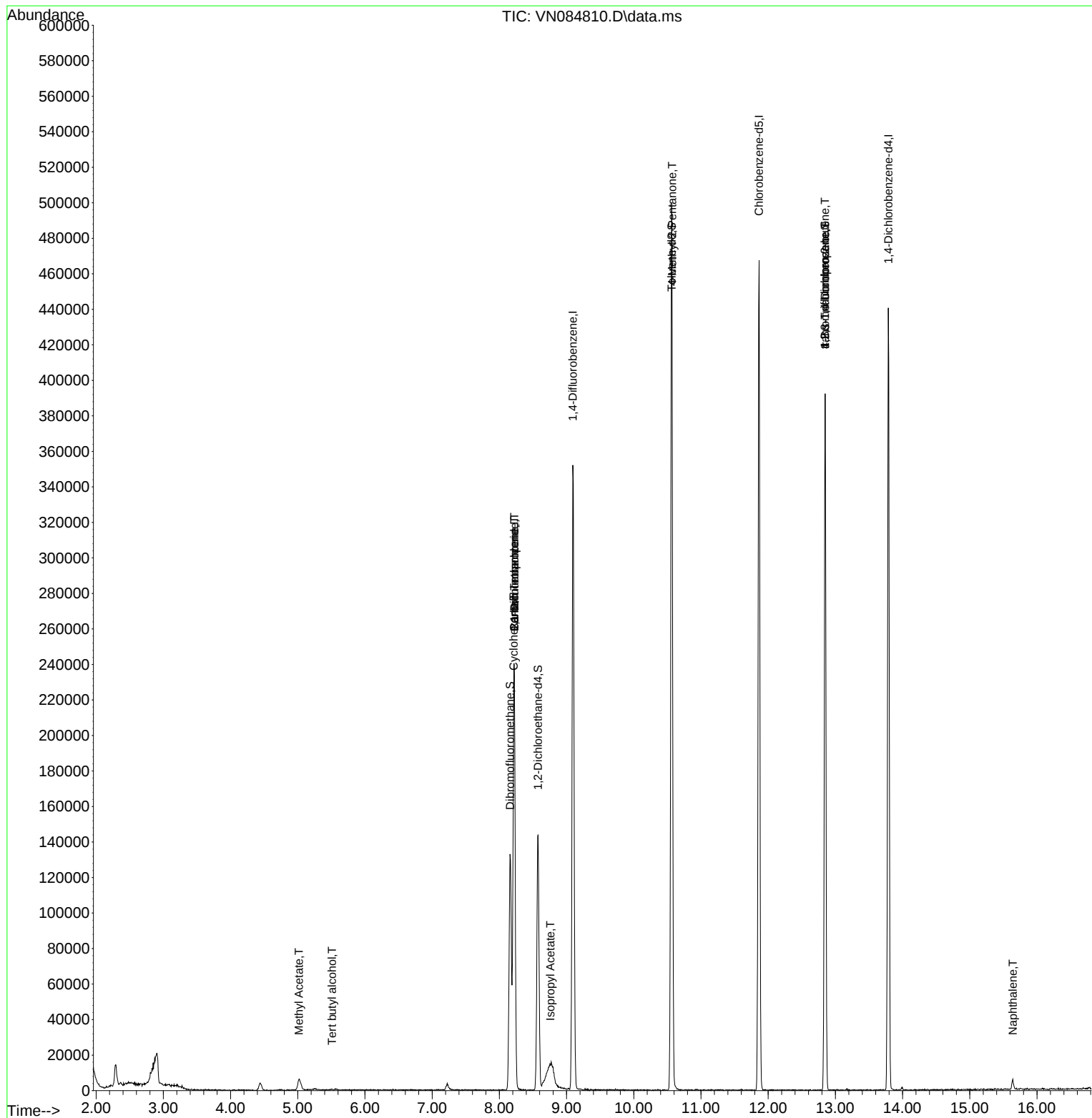
Internal Standards						
1) Pentafluorobenzene	8.224	168	177323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	304180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	270222	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	121202	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120178	46.924	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.840%
35) Dibromofluoromethane	8.159	113	98996	48.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.160%
50) Toluene-d8	10.565	98	346275	45.656	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.320%
62) 4-Bromofluorobenzene	12.847	95	140352	49.515	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.020%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	1276	Below Cal	#	84
6) Chloroethane	3.124	64	372	Below Cal	#	45
11) Tert butyl alcohol	5.512	59	144	0.426	ug/l #	73
16) Acetone	4.418	43	283	Below Cal	#	44
18) Methyl Acetate	5.018	43	13641	1.147	ug/l	92
31) Cyclohexane	8.212	56	3209	0.908	ug/l #	1
36) 1,1-Dichloropropene	8.224	75	13703	4.799	ug/l #	51
38) Carbon Tetrachloride	8.224	117	18627	5.836	ug/l #	15
43) Isopropyl Acetate	8.759	43	24223	4.176	ug/l #	56
51) 4-Methyl-2-Pentanone	10.571	43	1552	0.628	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	71841	29.652	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	71841	70.347	ug/l #	11
88) 1,4-Dichlorobenzene	13.729	146	54	Below Cal	#	24
95) Naphthalene	15.641	128	6046	0.862	ug/l #	93

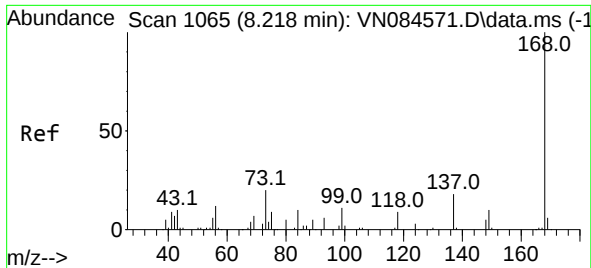
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 13 02:38:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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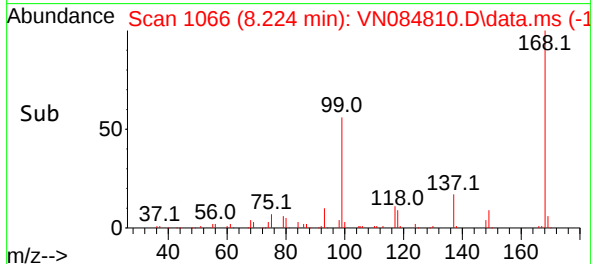
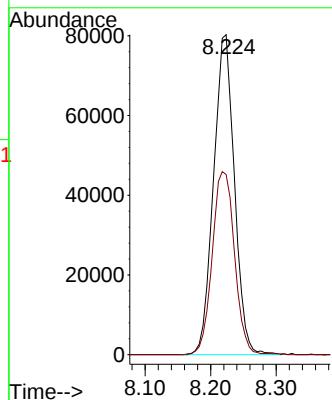
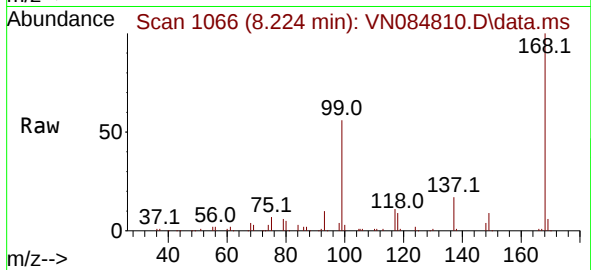




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

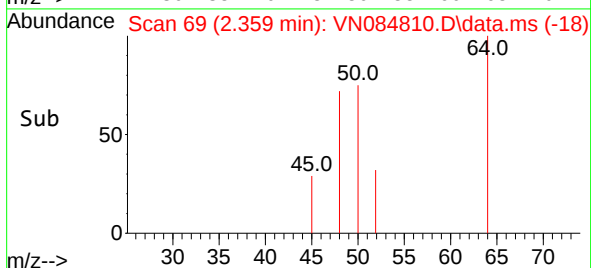
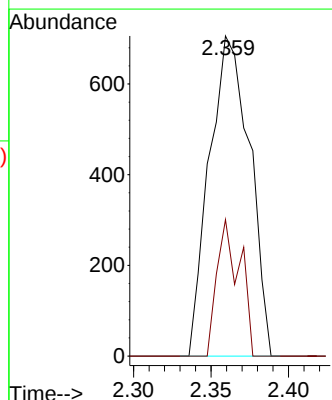
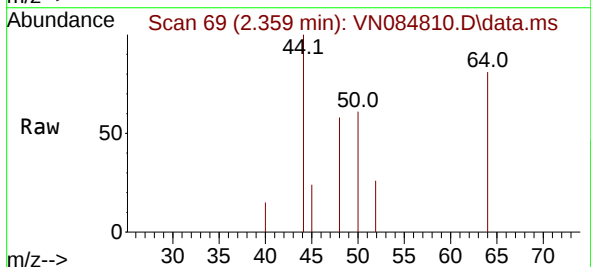
Instrument :
MSVOA_N
ClientSampleId :

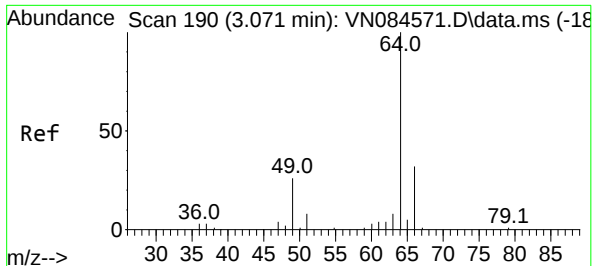
Tgt Ion:168 Resp: 177323
Ion Ratio Lower Upper
168 100
99 56.3 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

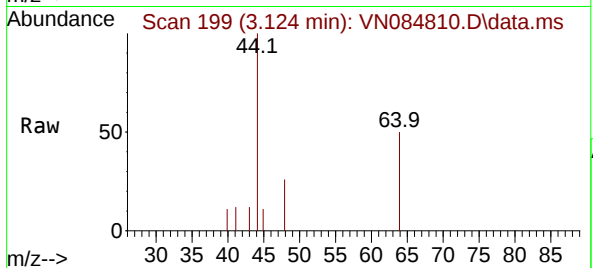
Tgt Ion: 50 Resp: 1276
Ion Ratio Lower Upper
50 100
52 42.6 26.8 40.2#



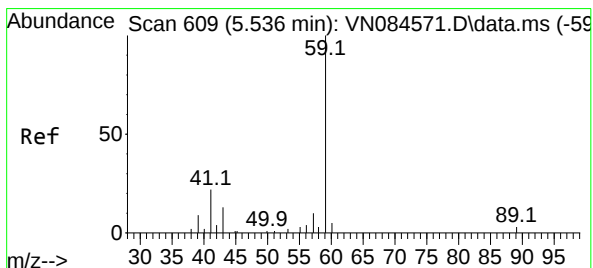
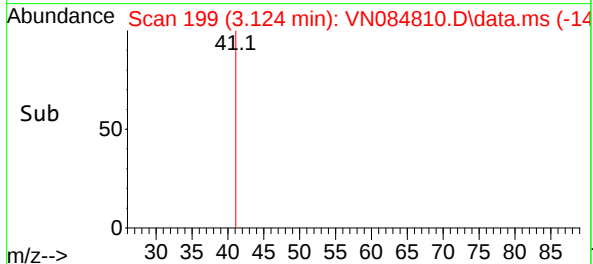
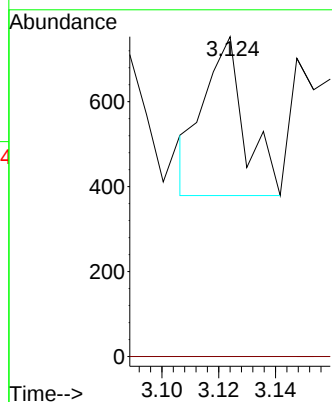


#6
Chloroethane
Concen: Below Cal
RT: 3.124 min Scan# 190
Delta R.T. 0.006 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Instrument :
MSVOA_N
ClientSampleId :

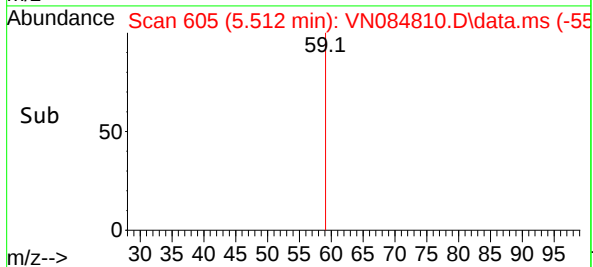
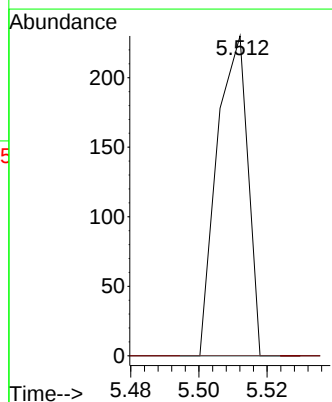
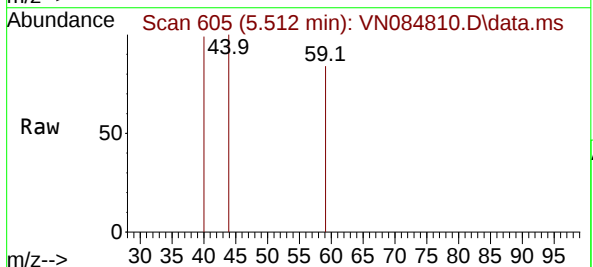


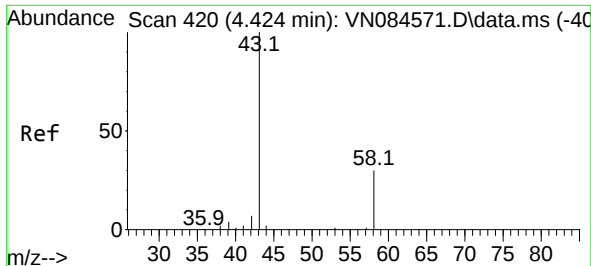
Tgt Ion: 64 Resp: 372
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



#11
Tert butyl alcohol
Concen: 0.426 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.012 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Tgt Ion: 59 Resp: 144
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

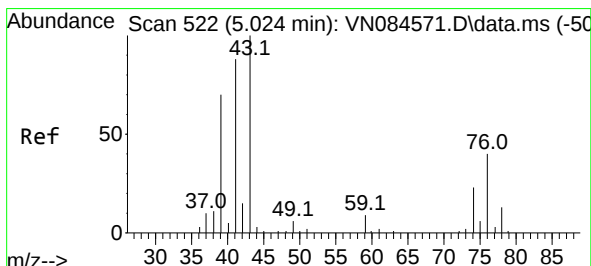
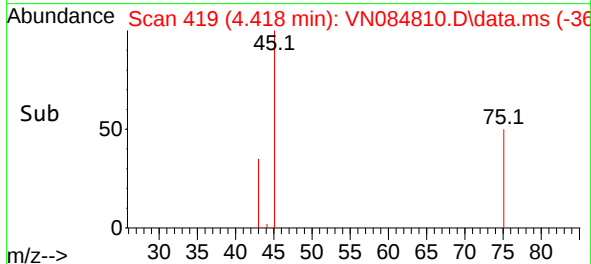
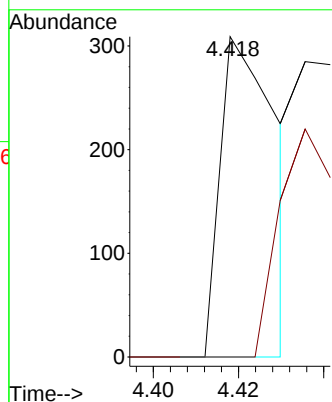
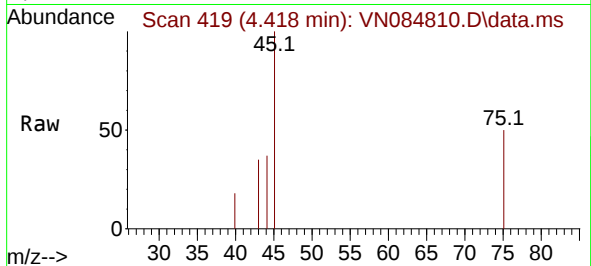




#16
Acetone
Concen: Below Cal
RT: 4.418 min Scan# 418
Delta R.T. -0.006 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

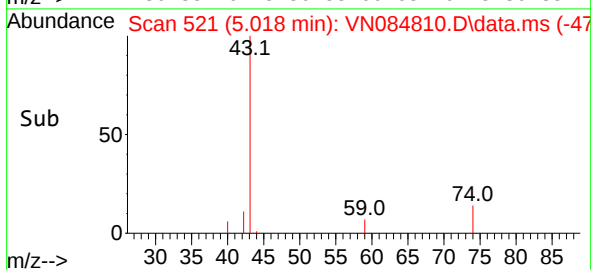
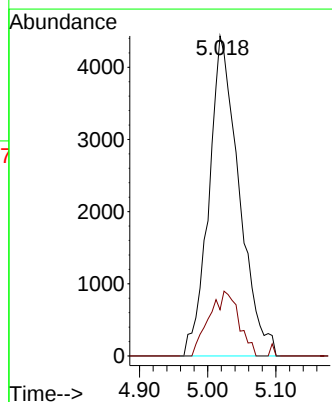
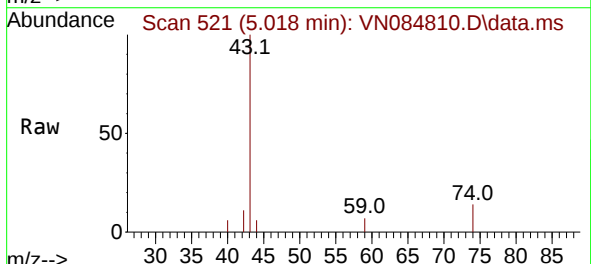
Instrument :
MSVOA_N
ClientSampleId :

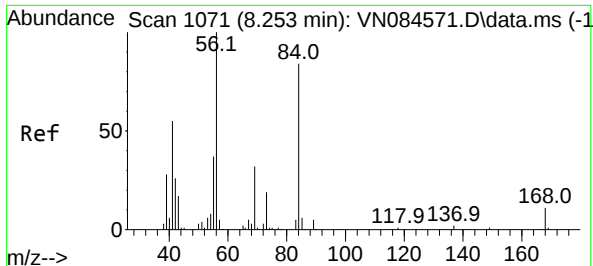
Tgt Ion: 43 Resp: 283
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



#18
Methyl Acetate
Concen: 1.147 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

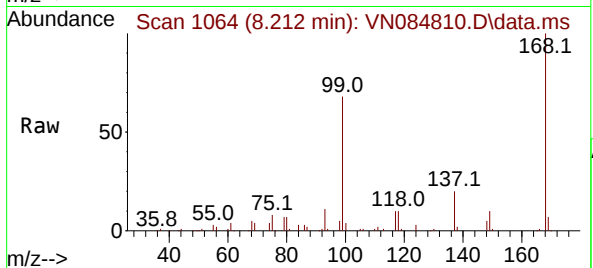
Tgt Ion: 43 Resp: 13641
Ion Ratio Lower Upper
43 100
74 19.9 19.2 28.8



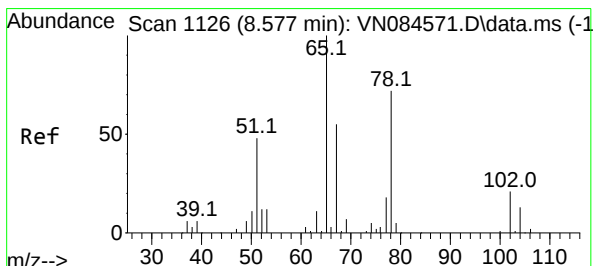
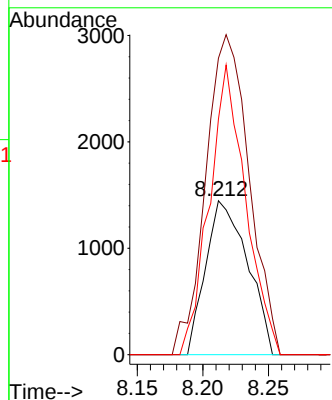
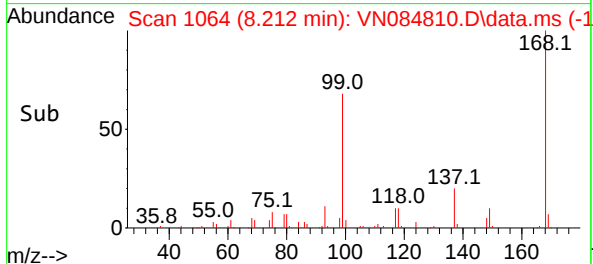


#31
Cyclohexane
Concen: 0.908 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.041 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Instrument :
MSVOA_N
ClientSampleId :

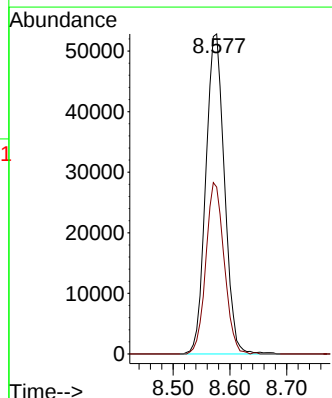
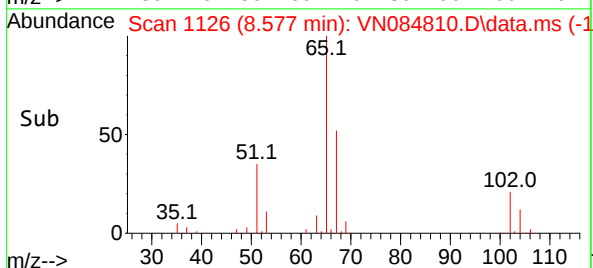
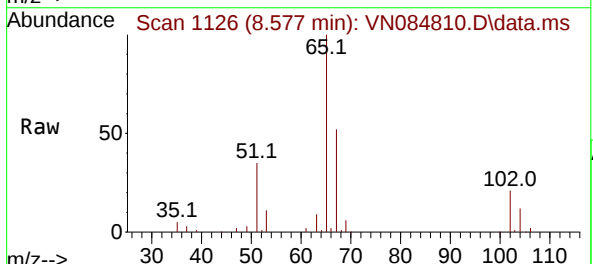


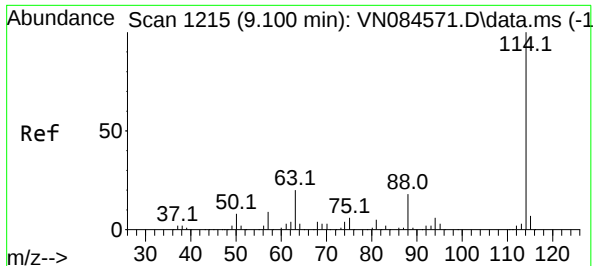
Tgt Ion: 56 Resp: 3209
Ion Ratio Lower Upper
56 100
69 192.7 23.8 35.6#
84 153.1 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 46.924 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Tgt Ion: 65 Resp: 120178
Ion Ratio Lower Upper
65 100
67 52.5 0.0 102.0

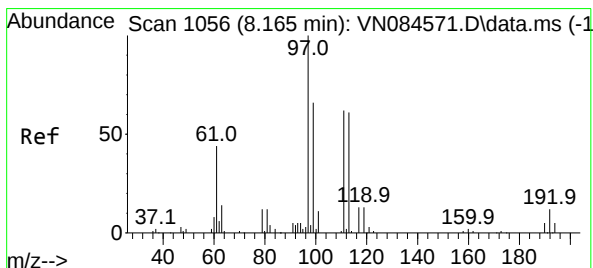
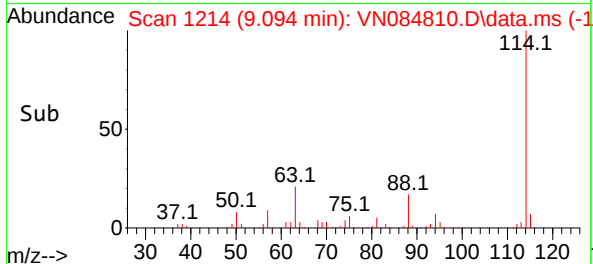
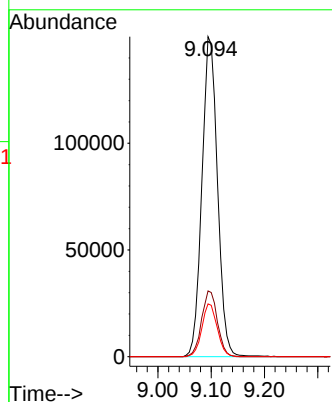
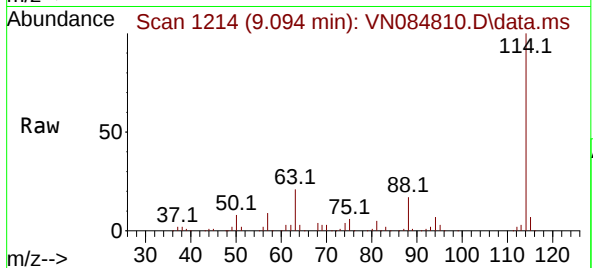




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

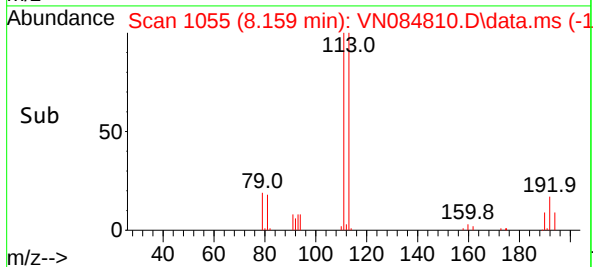
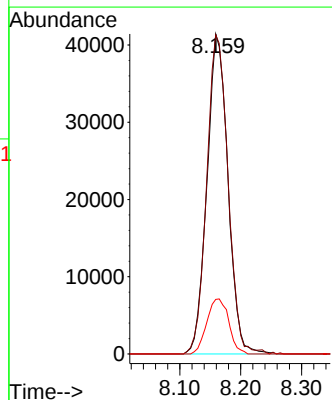
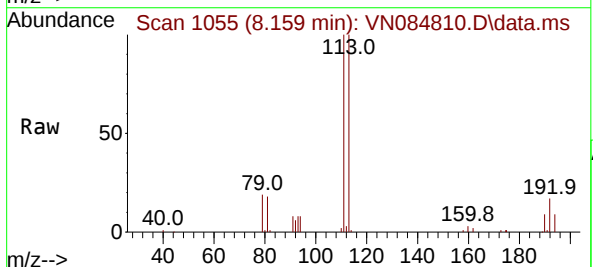
Instrument :
MSVOA_N
ClientSampleId :

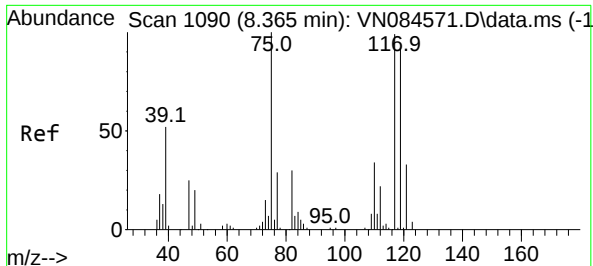
Tgt Ion:114 Resp: 304180
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 16.5 0.0 31.6



#35
Dibromofluoromethane
Concen: 48.081 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Tgt Ion:113 Resp: 98996
Ion Ratio Lower Upper
113 100
111 101.3 83.3 124.9
192 18.0 13.5 20.3





#36

1,1-Dichloropropene

Concen: 4.799 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.147 min

Lab File: VN084810.D

Acq: 12 Nov 2024 20:50

Instrument :

MSVOA_N

ClientSampleId :

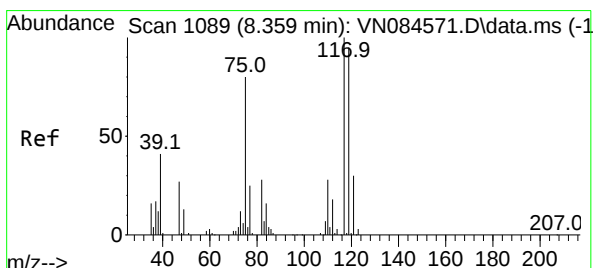
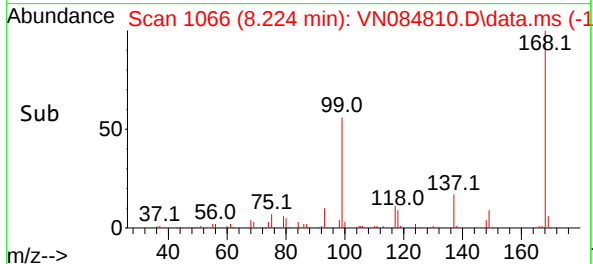
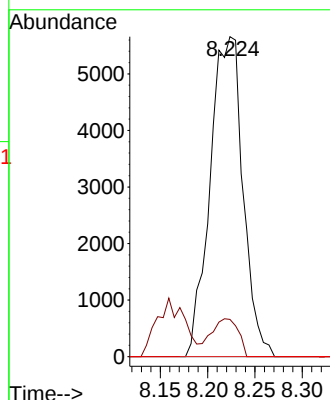
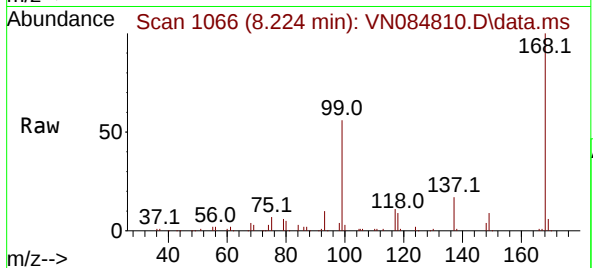
Tgt Ion: 75 Resp: 13703

Ion Ratio Lower Upper

75 100

110 10.0 16.9 50.7#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 5.836 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN084810.D

Acq: 12 Nov 2024 20:50

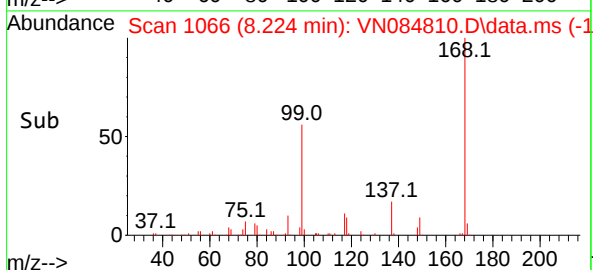
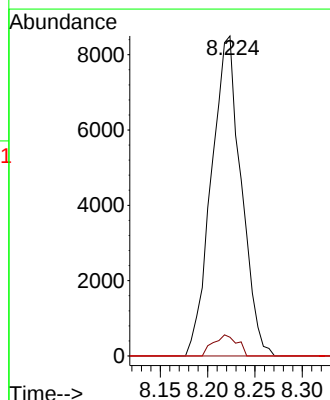
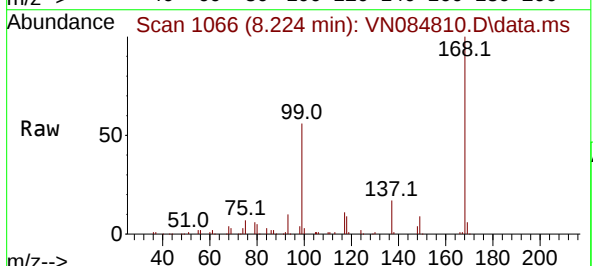
Tgt Ion: 117 Resp: 18627

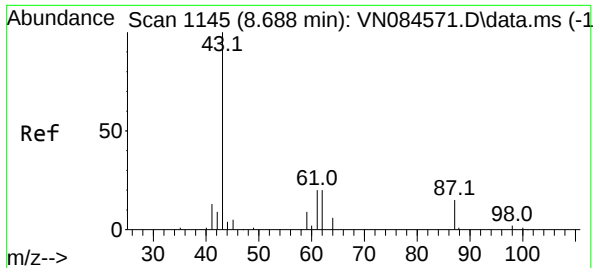
Ion Ratio Lower Upper

117 100

119 5.8 78.7 118.1#

121 0.0 24.4 36.6#

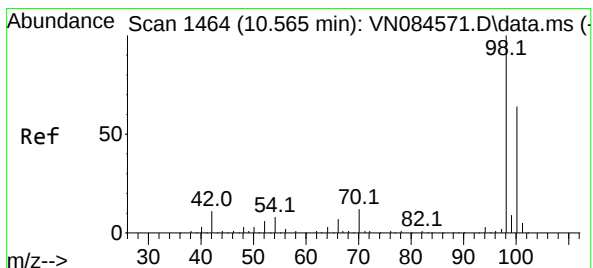
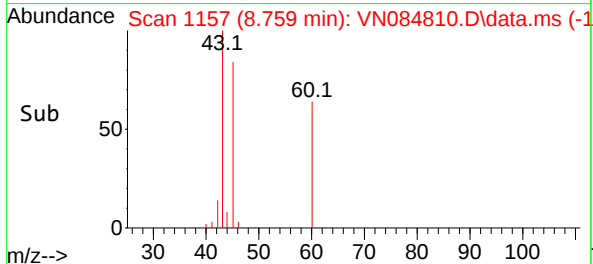
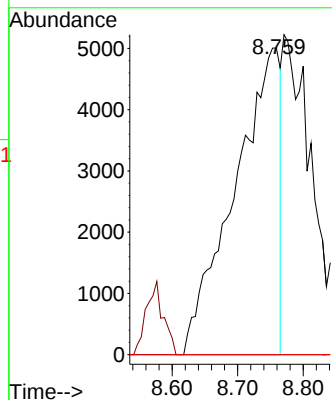
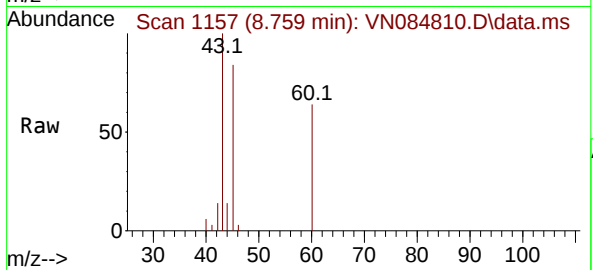




#43
Isopropyl Acetate
Concen: 4.176 ug/l
RT: 8.759 min Scan# 1145
Delta R.T. 0.071 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

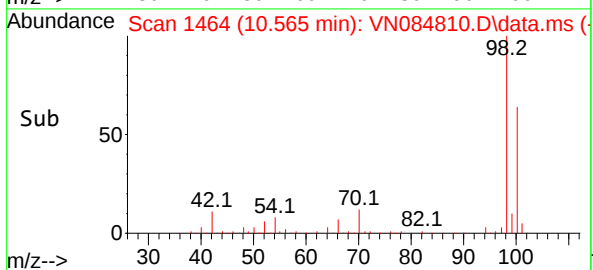
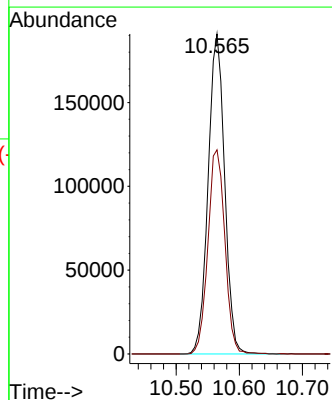
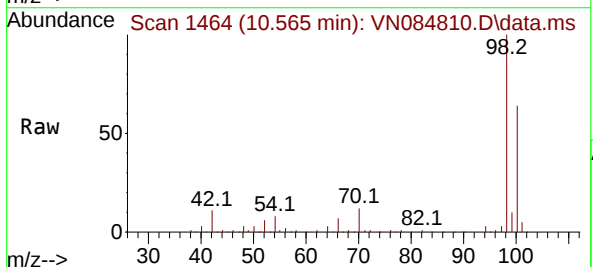
Instrument :
MSVOA_N
ClientSampleId :

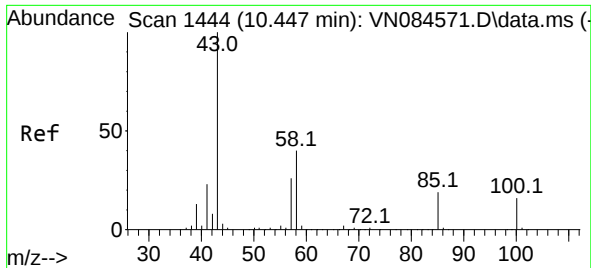
Tgt Ion: 43 Resp: 24223
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#



#50
Toluene-d8
Concen: 45.656 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Tgt Ion: 98 Resp: 346275
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1





#51

4-Methyl-2-Pentanone

Concen: 0.628 ug/l

RT: 10.571 min Scan# 1444

Delta R.T. 0.129 min

Lab File: VN084810.D

Acq: 12 Nov 2024 20:50

Instrument :

MSVOA_N

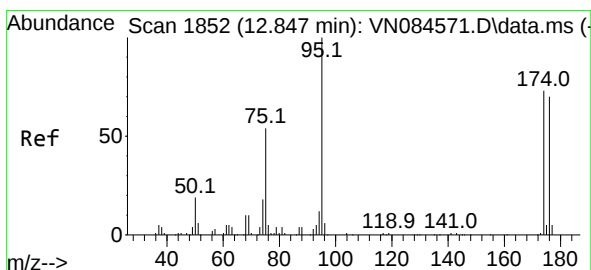
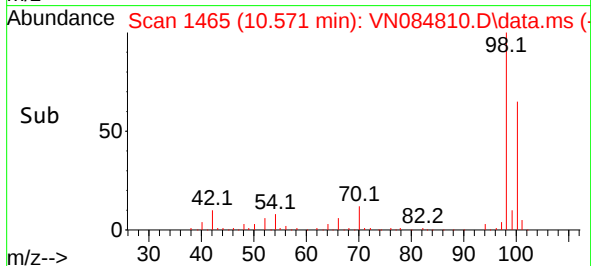
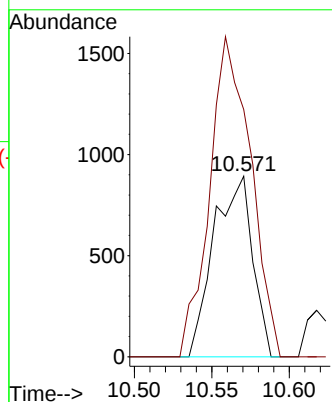
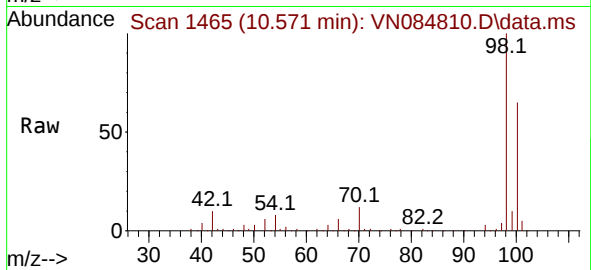
ClientSampleId :

Tgt Ion: 43 Resp: 1552

Ion Ratio Lower Upper

43 100

58 188.5 31.6 47.4#



#62

4-Bromofluorobenzene

Concen: 49.515 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084810.D

Acq: 12 Nov 2024 20:50

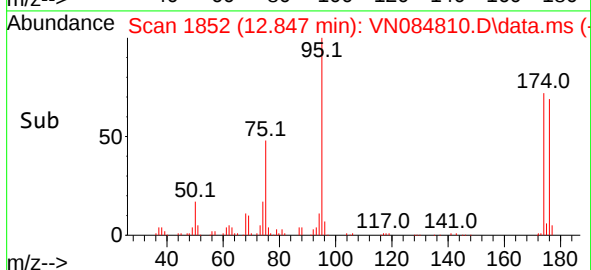
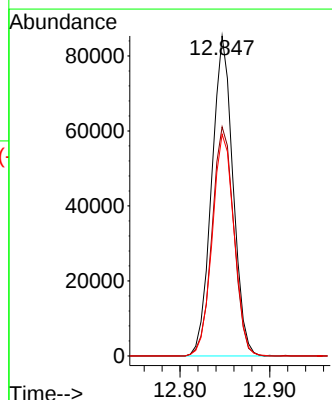
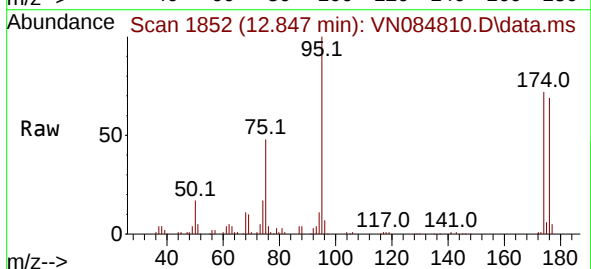
Tgt Ion: 95 Resp: 140352

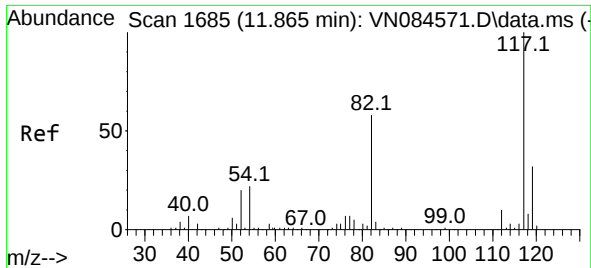
Ion Ratio Lower Upper

95 100

174 73.0 0.0 145.2

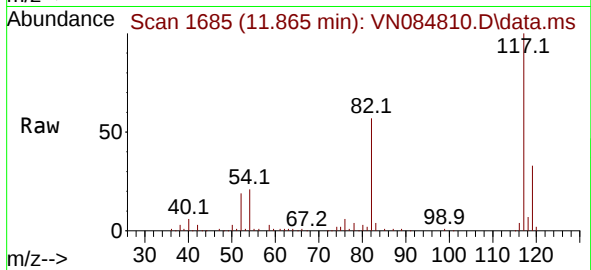
176 71.1 0.0 140.0



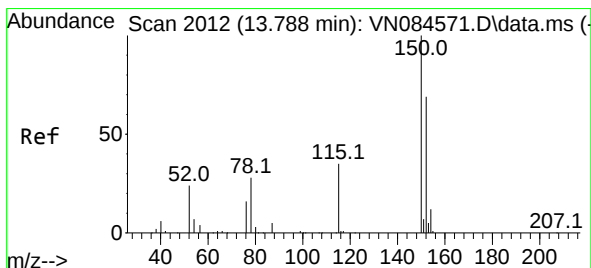
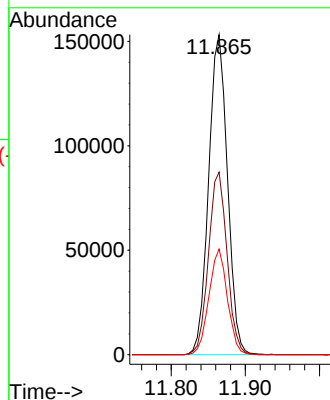
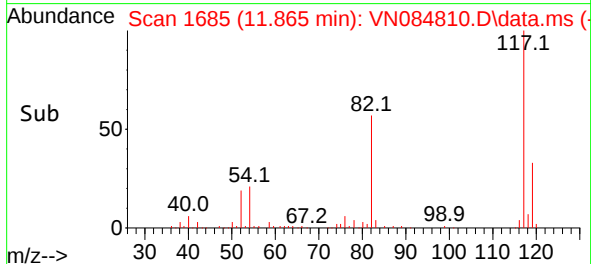


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

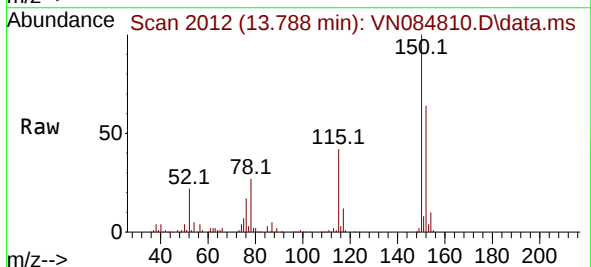
Instrument :
MSVOA_N
ClientSampleId :



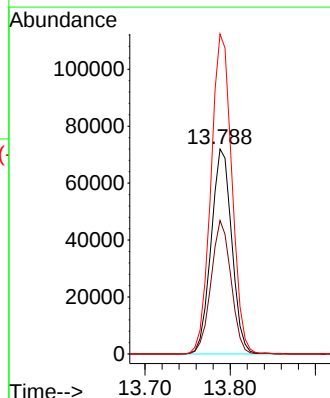
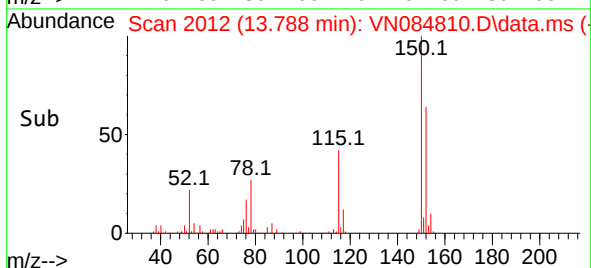
Tgt Ion:117 Resp: 270222
Ion Ratio Lower Upper
117 100
82 57.1 47.2 70.8
119 33.0 25.4 38.0

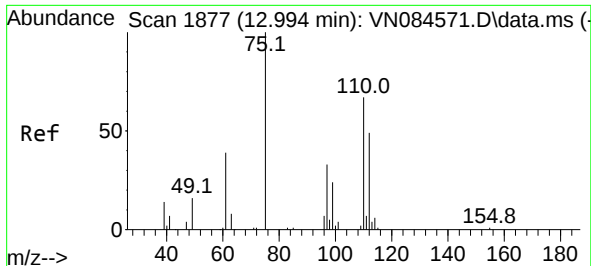


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50



Tgt Ion:152 Resp: 121202
Ion Ratio Lower Upper
152 100
115 63.0 31.3 93.9
150 158.1 0.0 349.8

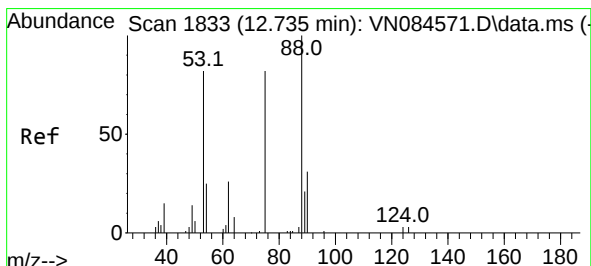
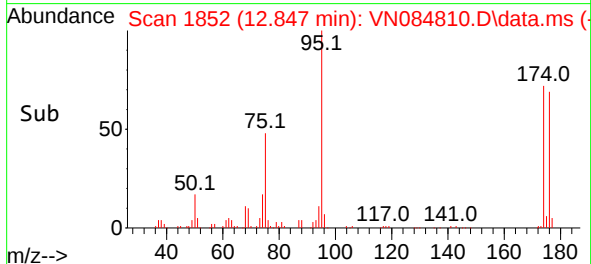
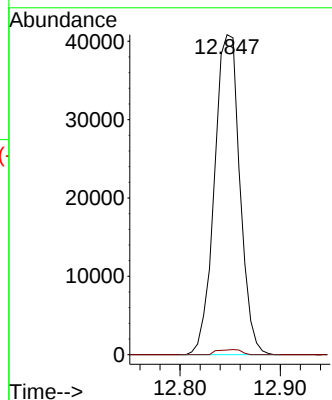
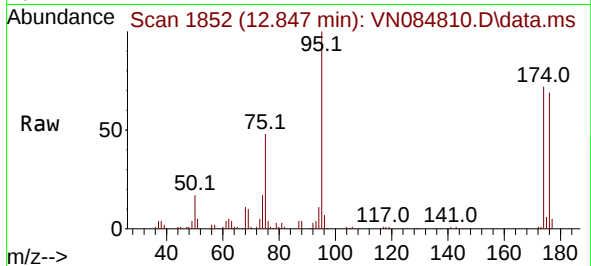




#76
1,2,3-Trichloropropane
Concen: 29.652 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

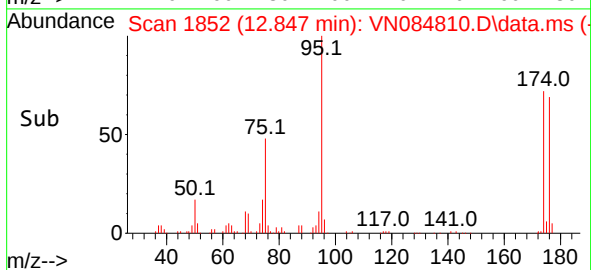
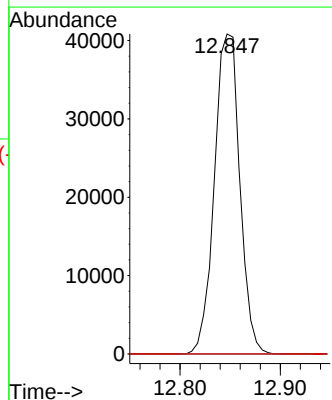
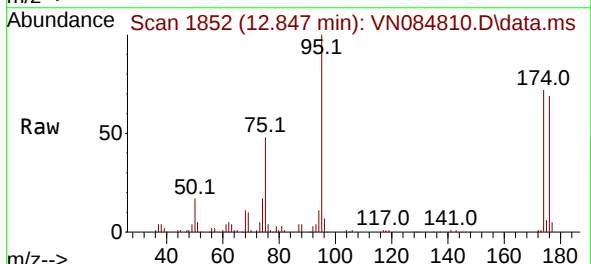
Instrument :
MSVOA_N
ClientSampleId :

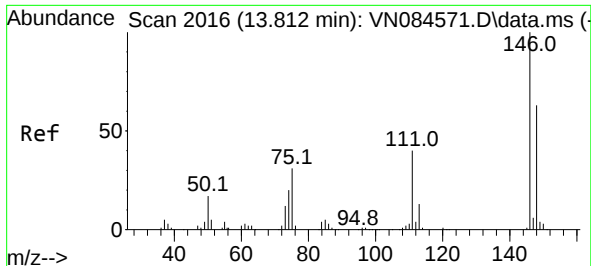
Tgt Ion: 75 Resp: 71841
Ion Ratio Lower Upper
75 100
77 1.5 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 70.347 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

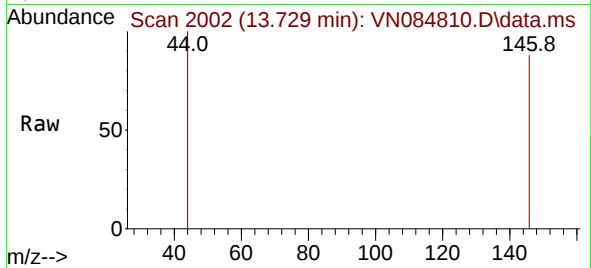
Tgt Ion: 75 Resp: 71841
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



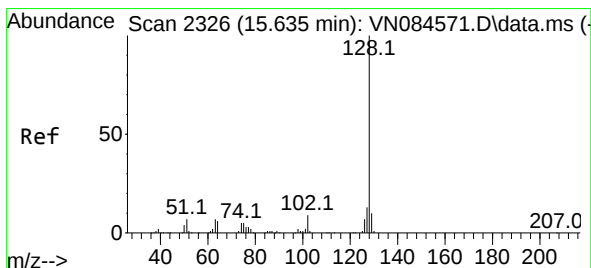
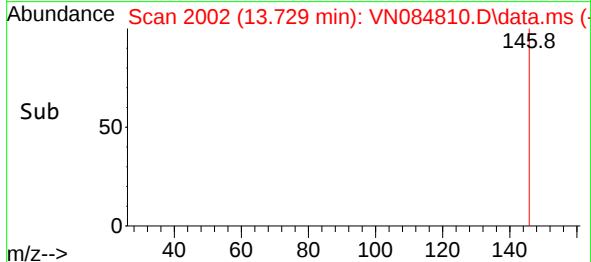
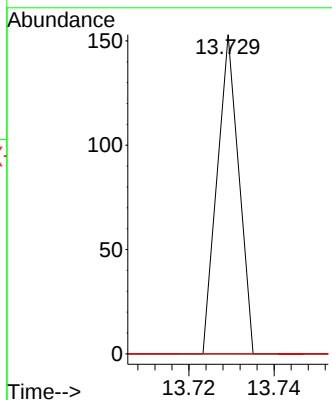


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.729 min Scan# 2016
Delta R.T. -0.083 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 54
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#



#95
Naphthalene
Concen: 0.862 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084810.D
Acq: 12 Nov 2024 20:50

Tgt Ion:128 Resp: 6046
Ion Ratio Lower Upper
128 100
127 12.6 10.5 15.7
129 5.4 8.7 13.1#

