

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111224\
 Data File : VN084812.D
 Acq On : 12 Nov 2024 21:38
 Operator : JC\MD
 Sample : P4780-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 13 02:38:49 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)

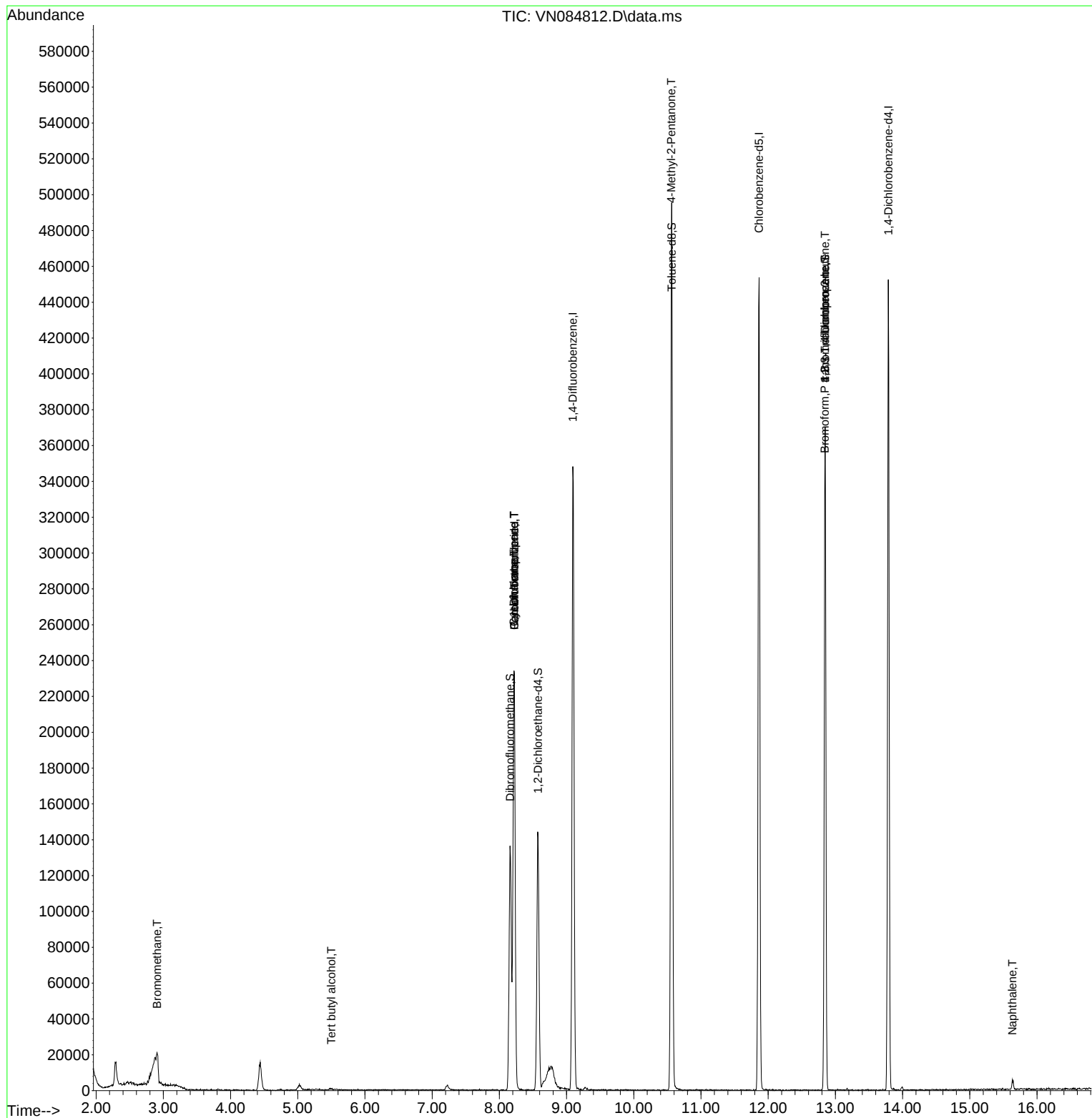
Internal Standards						
1) Pentafluorobenzene	8.224	168	173898	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	308163	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	265686	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119245	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121125	48.225	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	96.440%	
35) Dibromofluoromethane	8.159	113	97629	46.804	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.600%	
50) Toluene-d8	10.565	98	350600	45.629	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	91.260%	
62) 4-Bromofluorobenzene	12.847	95	133481	46.482	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.960%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	610	Below Cal	#	41
5) Bromomethane	2.906	94	254	0.223	ug/l #	4
6) Chloroethane	3.077	64	335	Below Cal	#	45
11) Tert butyl alcohol	5.500	59	78	0.235	ug/l #	73
16) Acetone	4.442	43	907	Below Cal	#	44
18) Methyl Acetate	5.024	43	6091	Below Cal	#	80
31) Cyclohexane	8.218	56	3644	1.051	ug/l #	38
36) 1,1-Dichloropropene	8.218	75	14265	4.931	ug/l #	50
38) Carbon Tetrachloride	8.224	117	18769	5.805	ug/l #	16
43) Isopropyl Acetate	8.653	43	2920	Below Cal	#	56
51) 4-Methyl-2-Pentanone	10.559	43	1639	0.655	ug/l #	1
71) Bromoform	12.841	173	505	0.325	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	67630	28.372	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	67630	67.311	ug/l #	11
88) 1,4-Dichlorobenzene	13.812	146	62	Below Cal	#	24
95) Naphthalene	15.635	128	5459	0.791	ug/l #	94

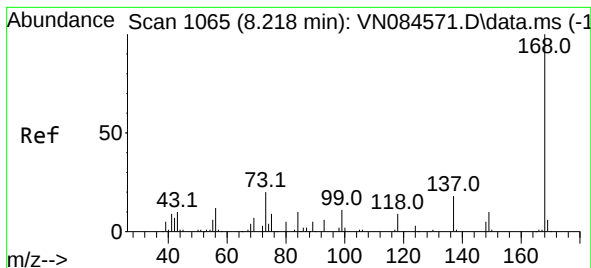
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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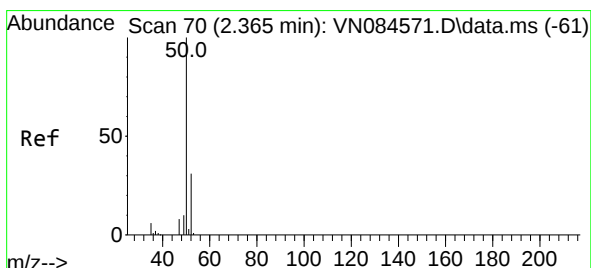
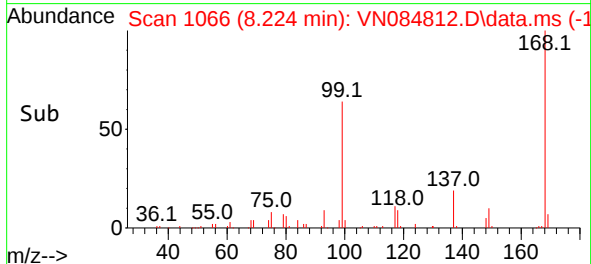
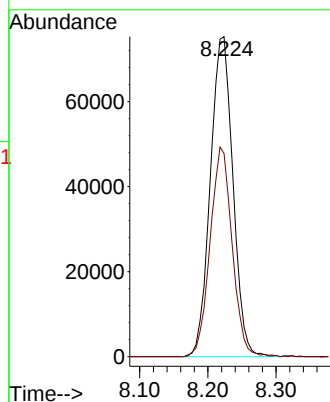
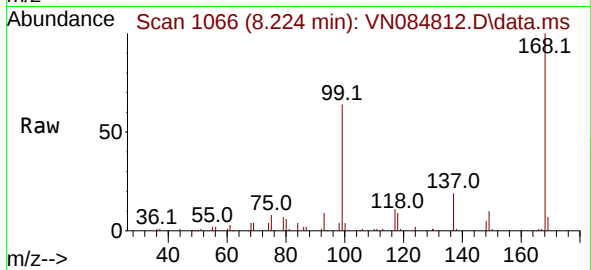




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

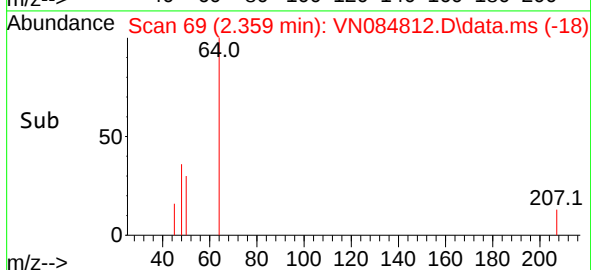
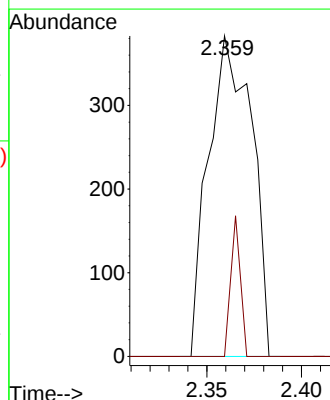
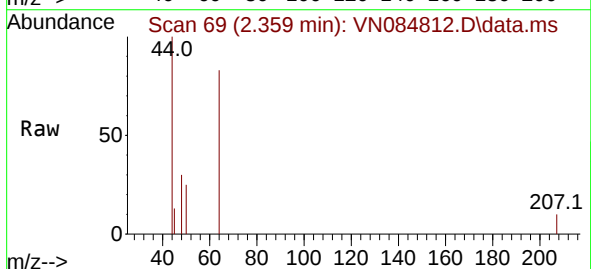
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:168 Resp: 173898
Ion Ratio Lower Upper
168 100
99 63.5 54.2 81.2



#3
Chloromethane
Concen: Below Cal
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 50 Resp: 610
Ion Ratio Lower Upper
50 100
52 0.0 26.8 40.2#

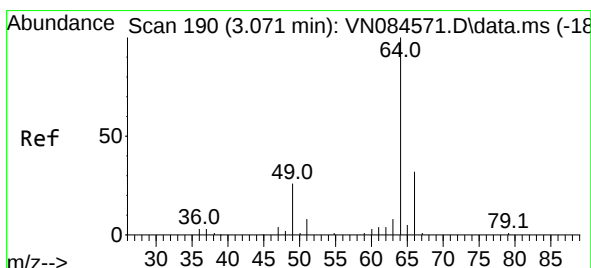
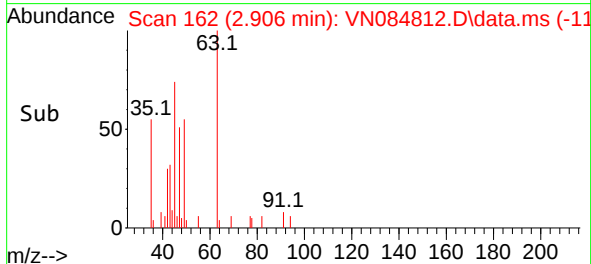
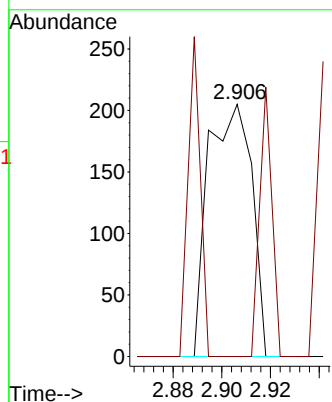
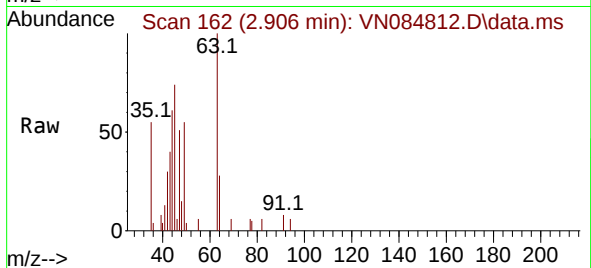




#5
Bromomethane
Concen: 0.223 ug/l
RT: 2.906 min Scan# 11
Delta R.T. -0.047 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

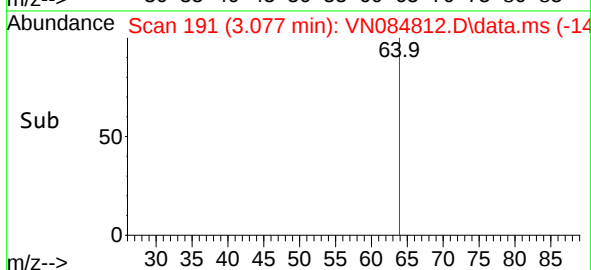
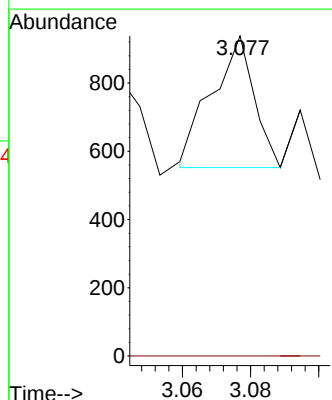
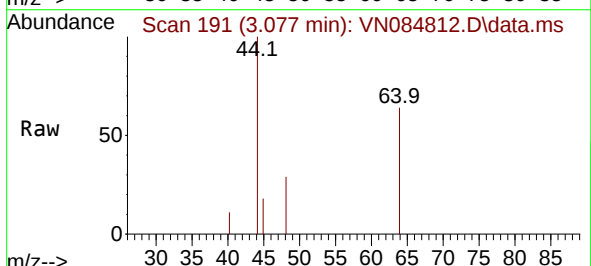
Instrument :
MSVOA_N
ClientSampleId :

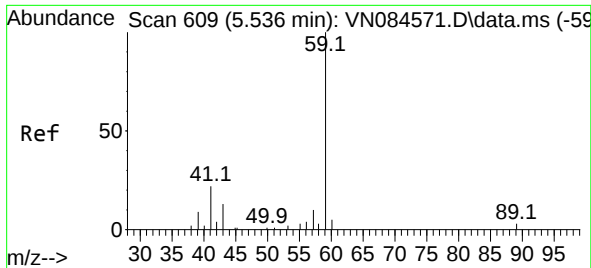
Tgt Ion: 94 Resp: 254
Ion Ratio Lower Upper
94 100
96 0.0 72.9 109.3#



#6
Chloroethane
Concen: Below Cal
RT: 3.077 min Scan# 191
Delta R.T. -0.041 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

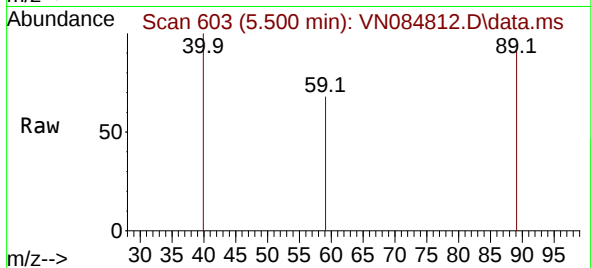
Tgt Ion: 64 Resp: 335
Ion Ratio Lower Upper
64 100
66 0.0 23.5 35.3#



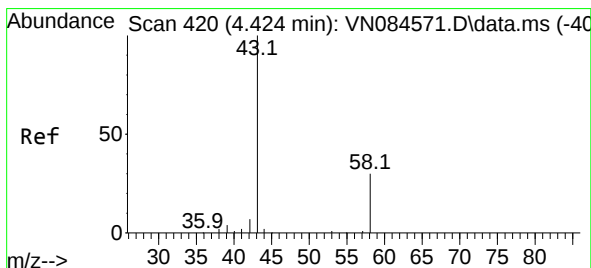
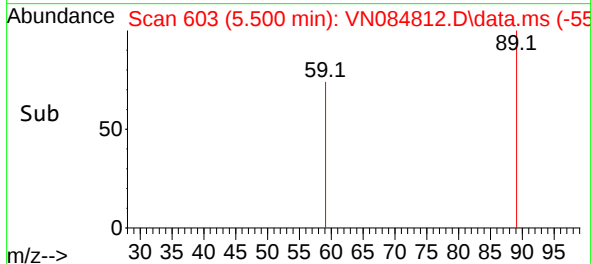
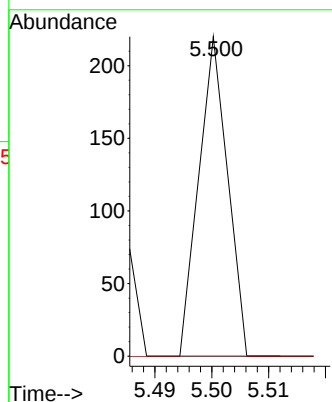


#11
Tert butyl alcohol
Concen: 0.235 ug/l
RT: 5.500 min Scan# 609
Delta R.T. -0.024 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Instrument :
MSVOA_N
ClientSampleId :

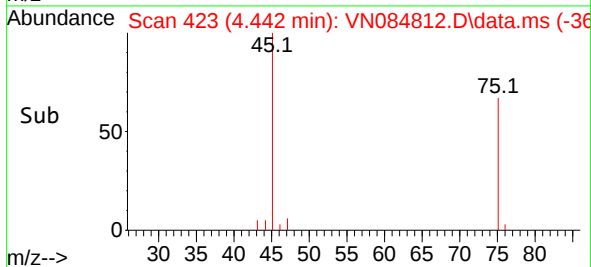
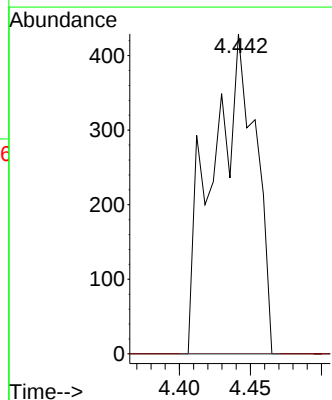
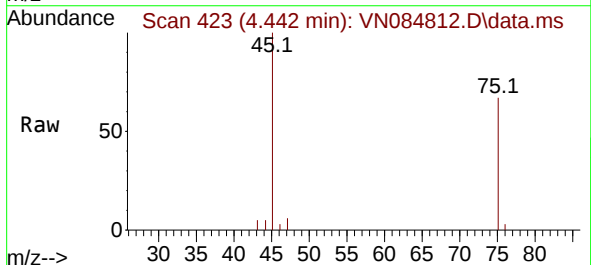


Tgt Ion: 59 Resp: 78
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: Below Cal
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

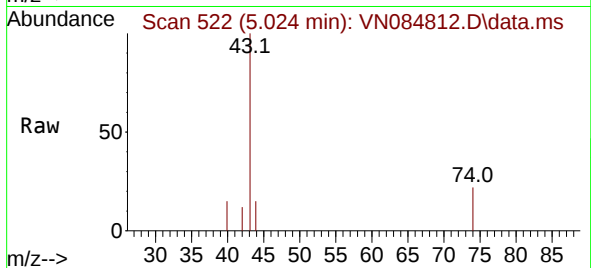
Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#



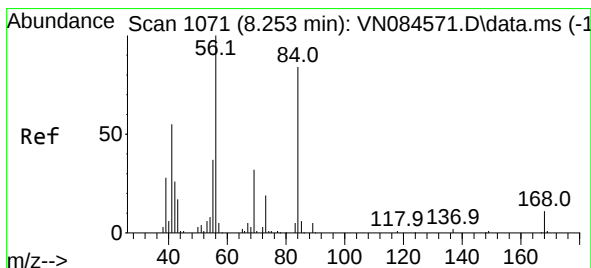
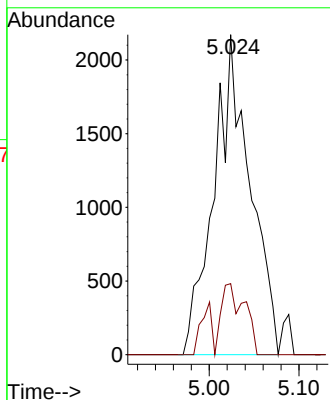
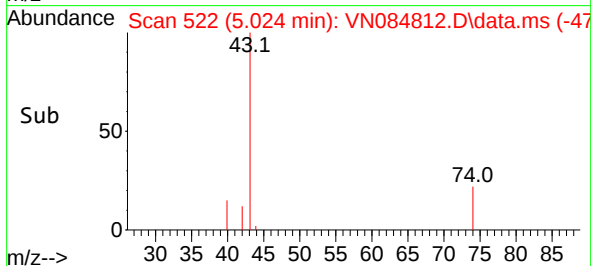


#18
Methyl Acetate
Concen: Below Cal
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

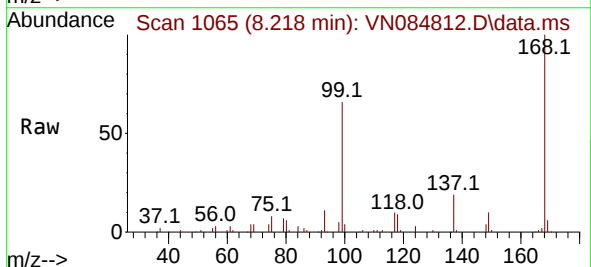
Instrument :
MSVOA_N
ClientSampleId :



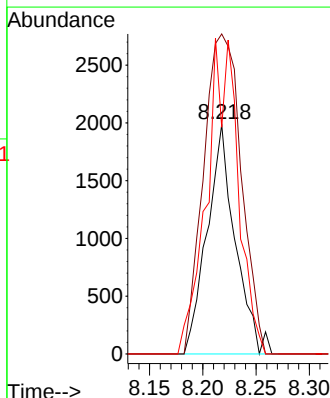
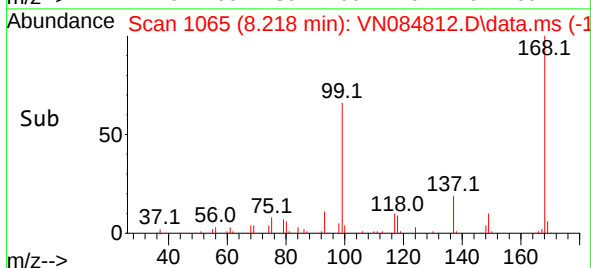
Tgt Ion: 43 Resp: 6091
Ion Ratio Lower Upper
43 100
74 14.2 19.2 28.8#

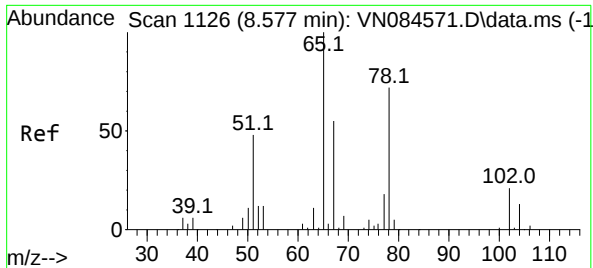


#31
Cyclohexane
Concen: 1.051 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38



Tgt Ion: 56 Resp: 3644
Ion Ratio Lower Upper
56 100
69 139.3 23.8 35.6#
84 98.7 68.8 103.2

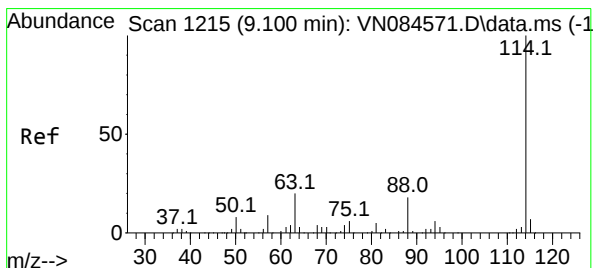
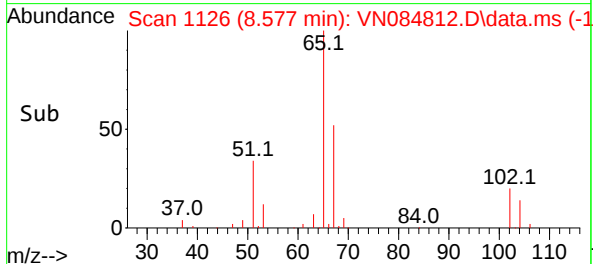
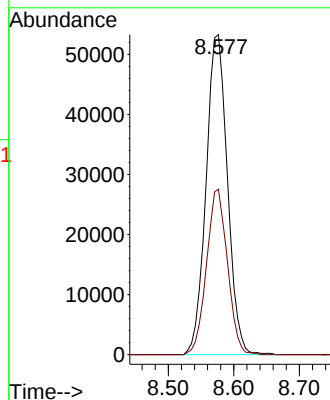
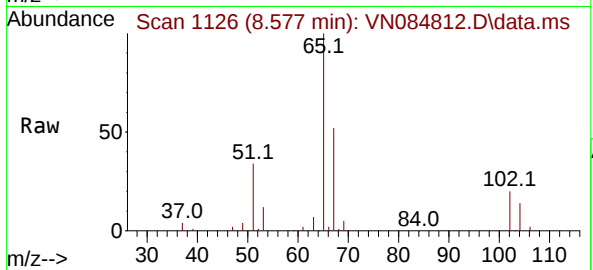




#33
1,2-Dichloroethane-d4
Concen: 48.225 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

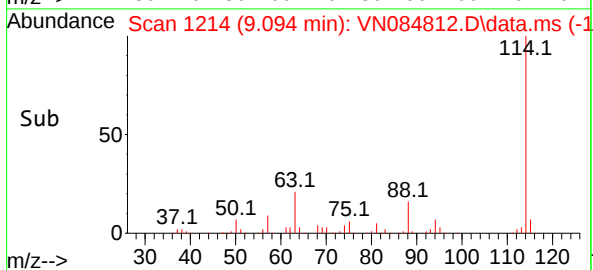
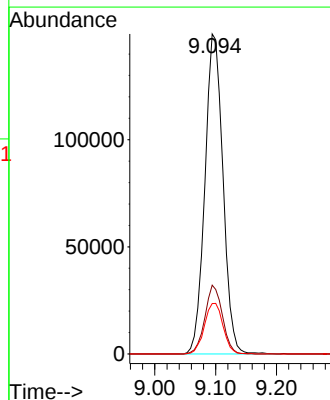
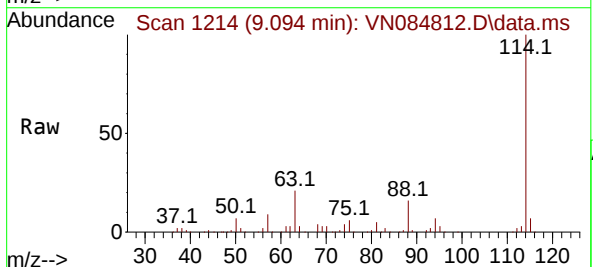
Instrument :
MSVOA_N
ClientSampleId :

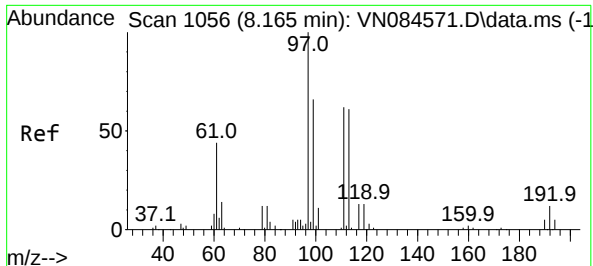
Tgt Ion: 65 Resp: 121125
Ion Ratio Lower Upper
65 100
67 50.5 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. -0.006 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

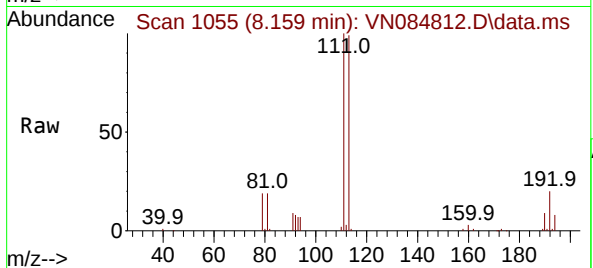
Tgt Ion:114 Resp: 308163
Ion Ratio Lower Upper
114 100
63 21.5 0.0 43.8
88 15.7 0.0 31.6



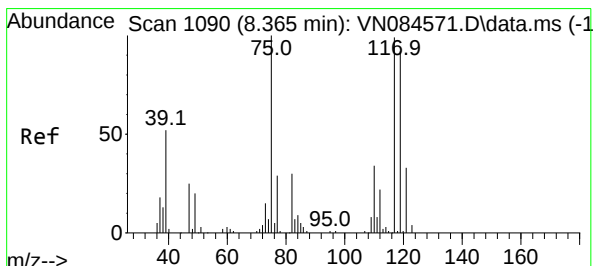
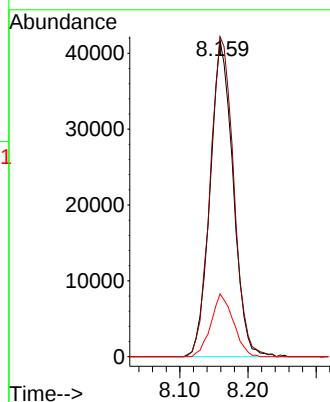
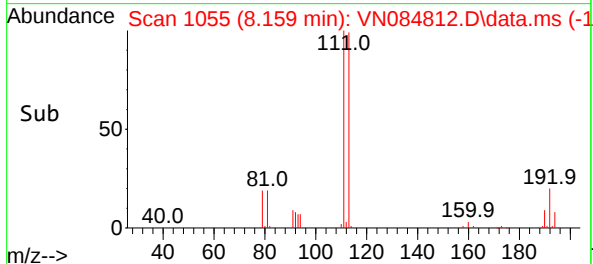


#35
Dibromofluoromethane
Concen: 46.804 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

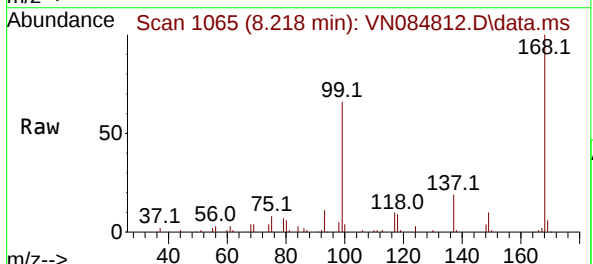
Instrument :
MSVOA_N
ClientSampleId :



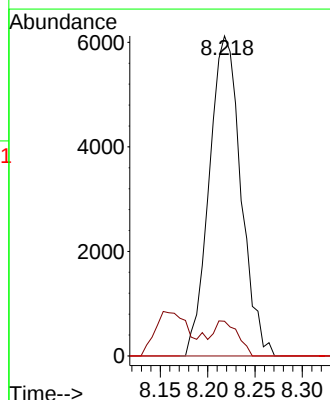
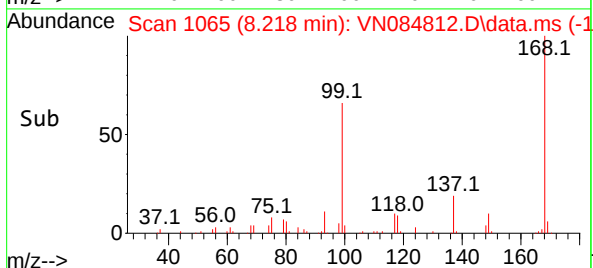
Tgt Ion:113 Resp: 97629
Ion Ratio Lower Upper
113 100
111 103.8 83.3 124.9
192 19.4 13.5 20.3

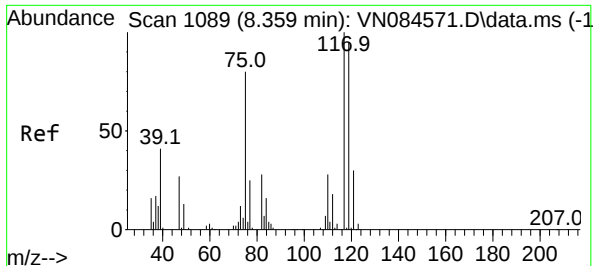


#36
1,1-Dichloropropene
Concen: 4.931 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.153 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38



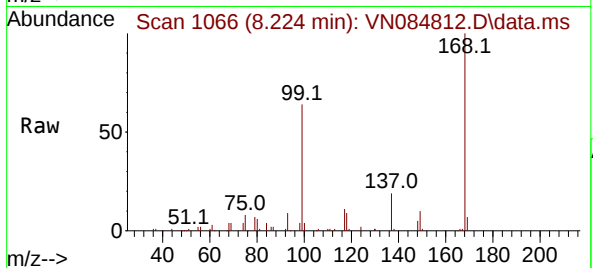
Tgt Ion: 75 Resp: 14265
Ion Ratio Lower Upper
75 100
110 8.2 16.9 50.7#
77 0.0 24.7 37.1#



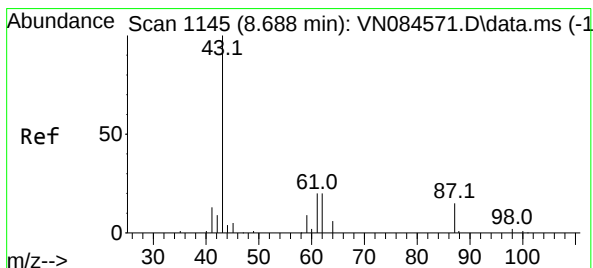
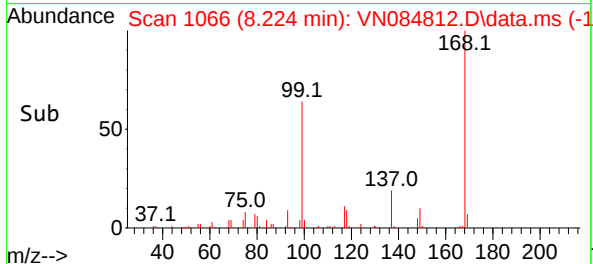
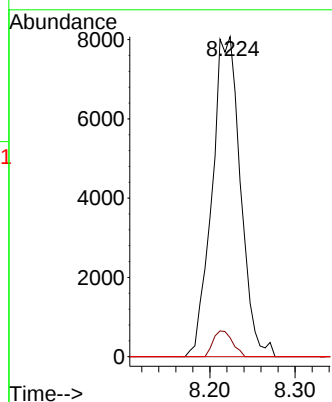


#38
Carbon Tetrachloride
Concen: 5.805 ug/l
RT: 8.224 min Scan# 1139
Delta R.T. -0.135 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Instrument :
MSVOA_N
ClientSampleId :

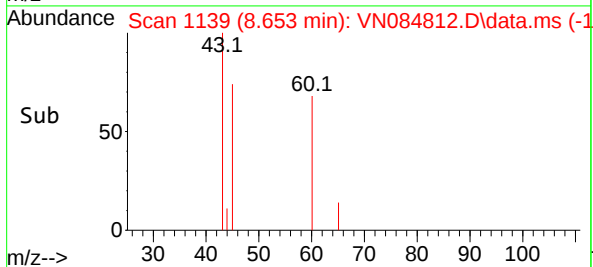
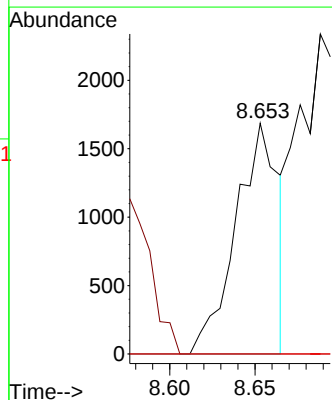
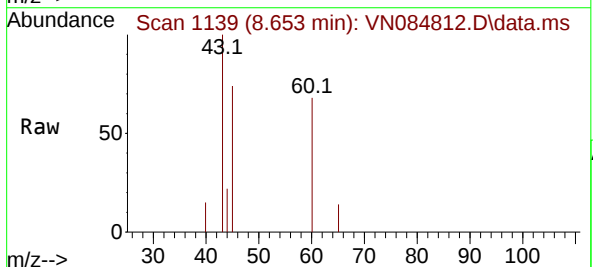


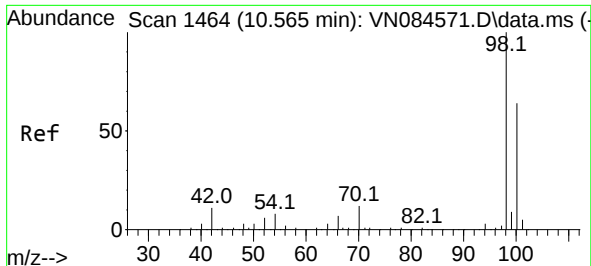
Tgt Ion:117 Resp: 18769
Ion Ratio Lower Upper
117 100
119 5.9 78.7 118.1#
121 0.0 24.4 36.6#



#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.653 min Scan# 1139
Delta R.T. -0.035 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 43 Resp: 2920
Ion Ratio Lower Upper
43 100
61 0.0 20.4 30.6#
87 0.0 10.3 15.5#

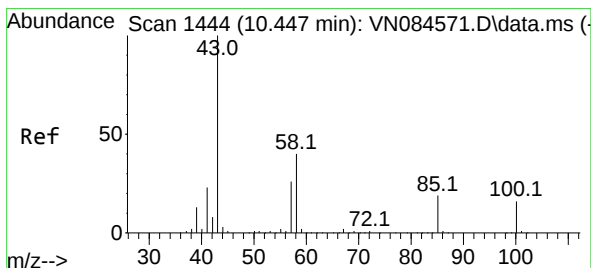
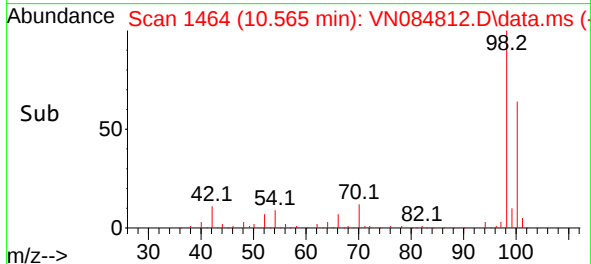
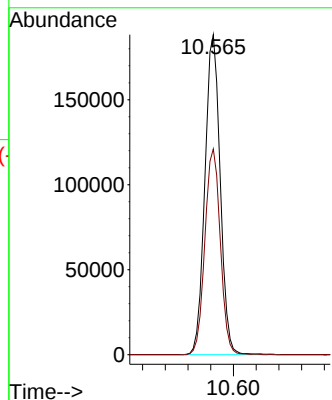
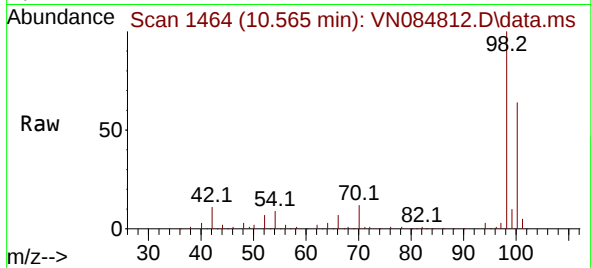




#50
Toluene-d8
Concen: 45.629 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

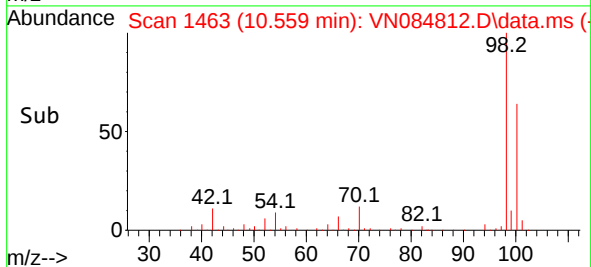
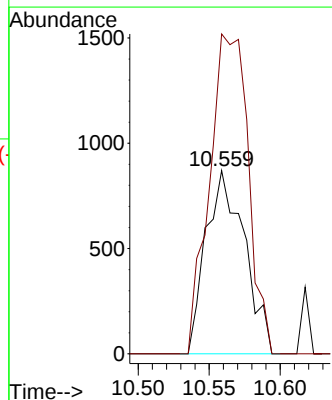
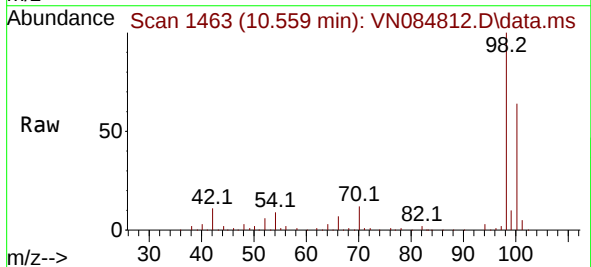
Instrument :
MSVOA_N
ClientSampleId :

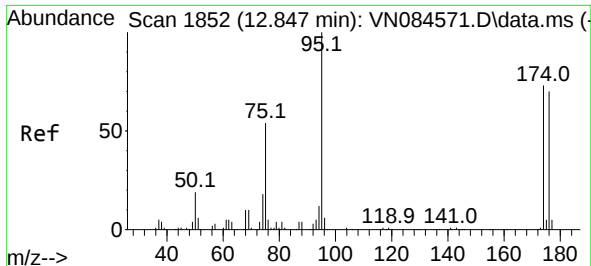
Tgt Ion: 98 Resp: 350600
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.655 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 43 Resp: 1639
Ion Ratio Lower Upper
43 100
58 176.5 31.6 47.4#

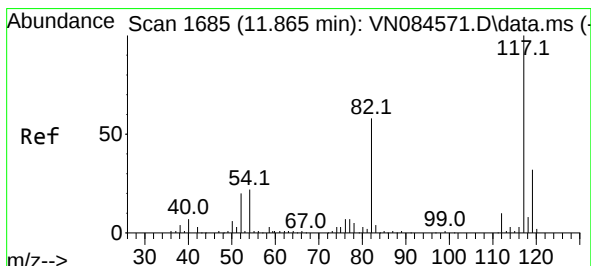
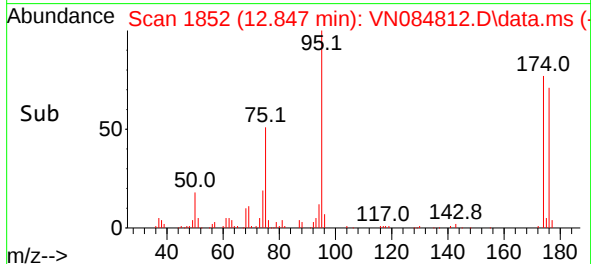
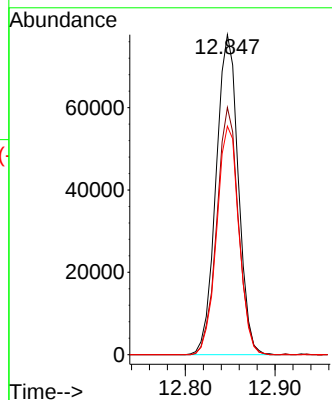
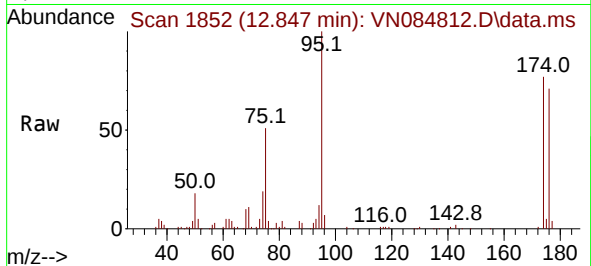




#62
4-Bromofluorobenzene
Concen: 46.482 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

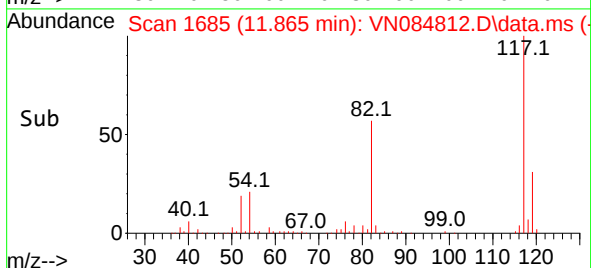
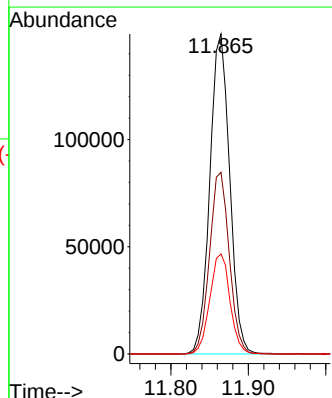
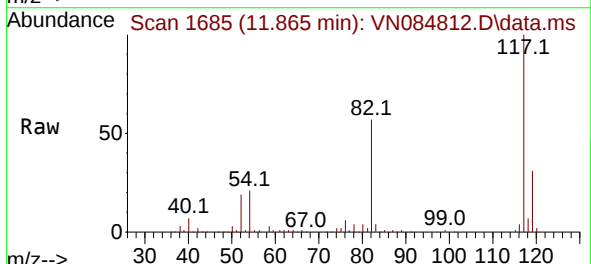
Instrument :
MSVOA_N
ClientSampleId :

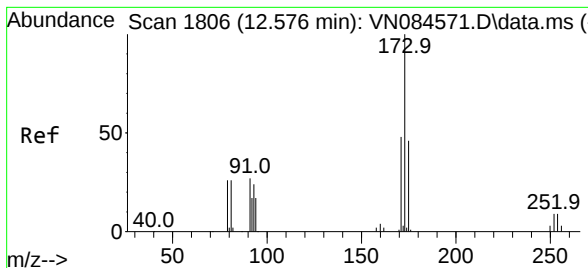
Tgt Ion: 95 Resp: 133481
Ion Ratio Lower Upper
95 100
174 75.3 0.0 145.2
176 71.4 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Tgt Ion: 117 Resp: 265686
Ion Ratio Lower Upper
117 100
82 56.8 47.2 70.8
119 31.3 25.4 38.0





#71

Bromoform

Concen: 0.325 ug/l

RT: 12.841 min Scan# 11

Delta R.T. 0.265 min

Lab File: VN084812.D

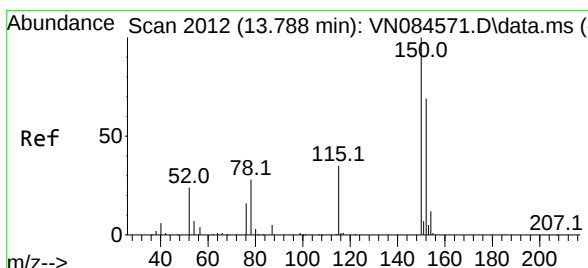
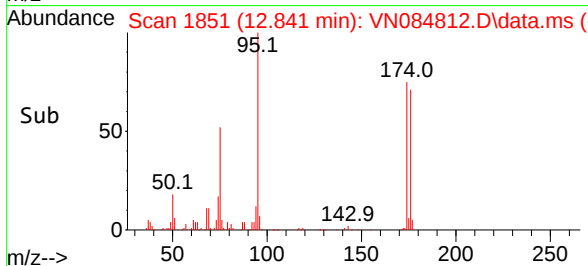
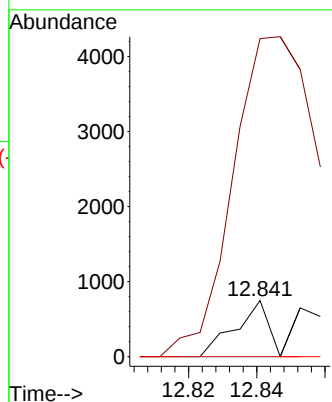
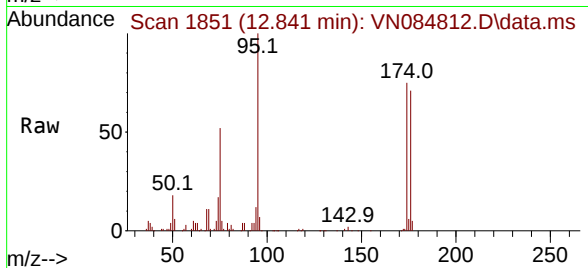
Acq: 12 Nov 2024 21:38

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	173	Resp:	505
Ion Ratio	Lower	Upper	
173	100		
175	1204.8	23.5	70.6#
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

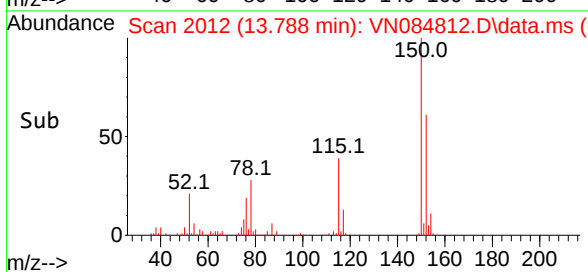
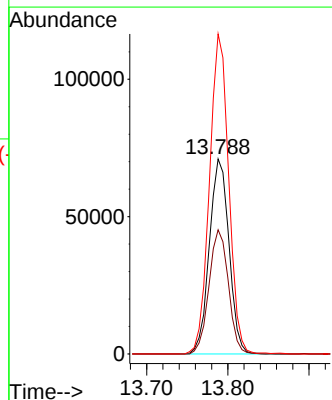
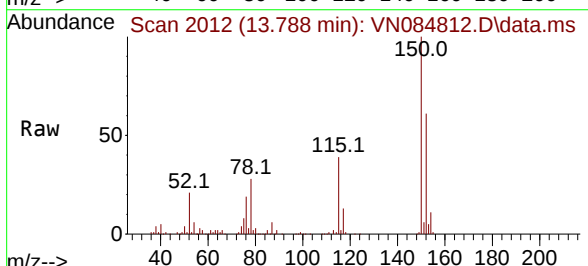
RT: 13.788 min Scan# 2012

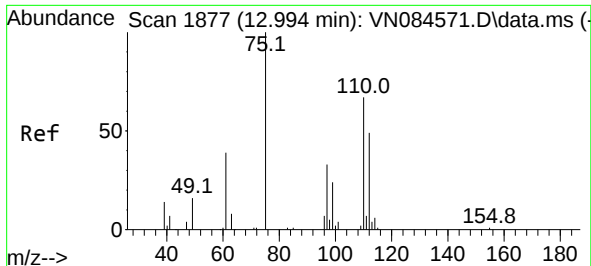
Delta R.T. -0.000 min

Lab File: VN084812.D

Acq: 12 Nov 2024 21:38

Tgt Ion:	152	Resp:	119245
Ion Ratio	Lower	Upper	
152	100		
115	62.7	31.3	93.9
150	160.5	0.0	349.8

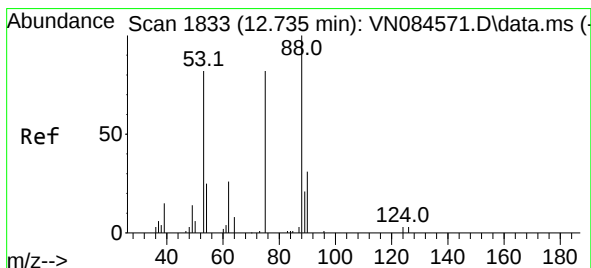
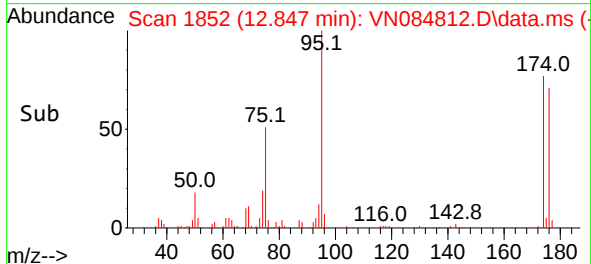
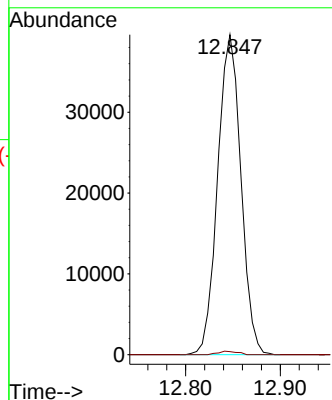
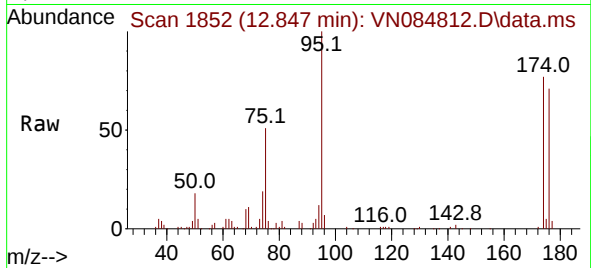




#76
1,2,3-Trichloropropane
Concen: 28.372 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.141 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

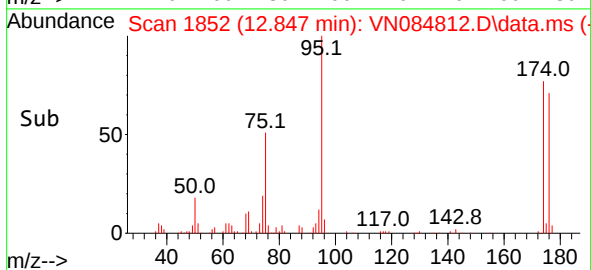
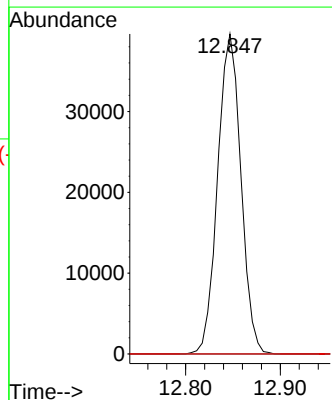
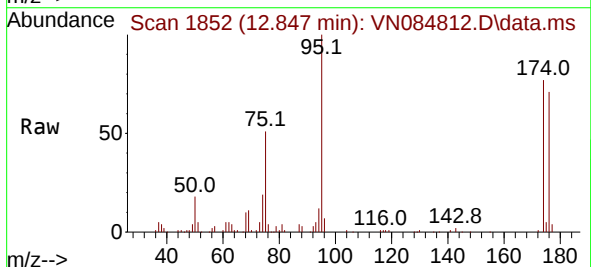
Instrument :
MSVOA_N
ClientSampleId :

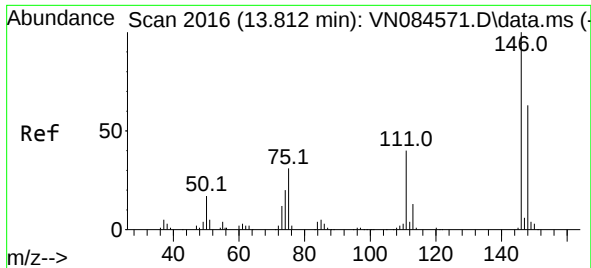
Tgt Ion: 75 Resp: 67630
Ion Ratio Lower Upper
75 100
77 0.9 96.9 290.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.311 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

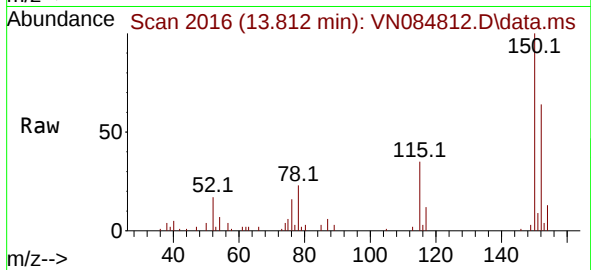
Tgt Ion: 75 Resp: 67630
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 35.5 53.3#



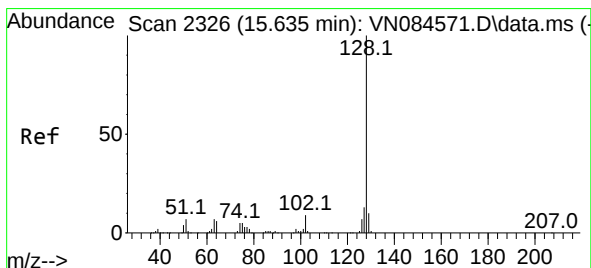
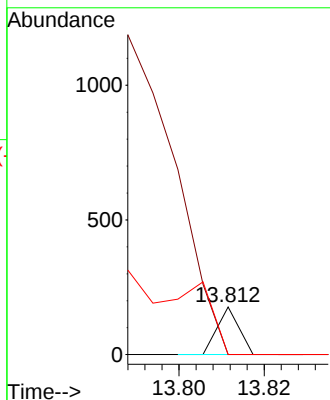
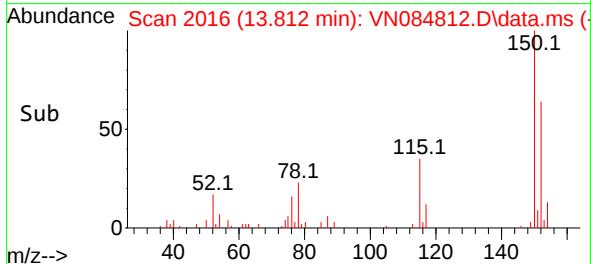


#88
1,4-Dichlorobenzene
Concen: Below Cal
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:146 Resp: 62
Ion Ratio Lower Upper
146 100
111 0.0 21.2 63.6#
148 0.0 31.9 95.9#



#95
Naphthalene
Concen: 0.791 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. -0.000 min
Lab File: VN084812.D
Acq: 12 Nov 2024 21:38

Tgt Ion:128 Resp: 5459
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 6.9 8.7 13.1#

