

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084275.D
 Acq On : 02 Oct 2024 19:21
 Operator : JC\MD
 Sample : P4226-18
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 03 02:04:20 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)

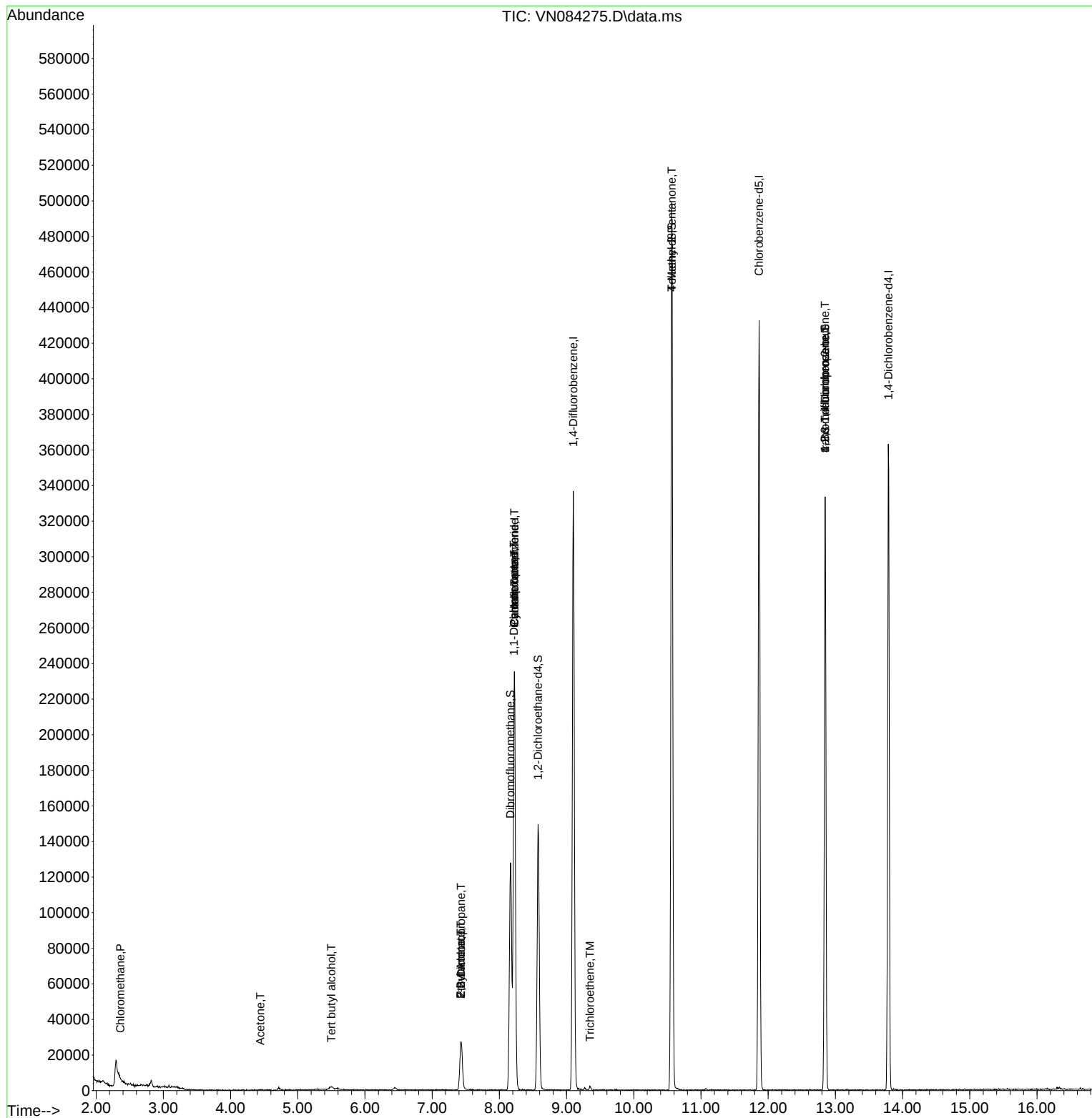
Internal Standards						
1) Pentafluorobenzene	8.224	168	163990	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285056	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	242690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	94647	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121919	50.142	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 100.280%		
35) Dibromofluoromethane	8.165	113	95072	50.590	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.180%		
50) Toluene-d8	10.565	98	341735	49.426	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 98.860%		
62) 4-Bromofluorobenzene	12.847	95	114276	45.368	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 90.740%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	553	0.250	ug/l #	59
11) Tert butyl alcohol	5.500	59	1698	4.235	ug/l #	73
16) Acetone	4.442	43	522	0.500	ug/l #	44
25) 2-Butanone	7.424	43	808	0.568	ug/l #	48
26) 2,2-Dichloropropane	7.430	77	1930	0.577	ug/l #	54
31) Cyclohexane	8.224	56	4108	1.141	ug/l #	34
36) 1,1-Dichloropropene	8.218	75	14947	5.476	ug/l #	50
37) Ethyl Acetate	7.424	43	808	0.289	ug/l #	1
38) Carbon Tetrachloride	8.224	117	17652	5.895	ug/l #	14
44) Trichloroethene	9.347	130	738	0.372	ug/l	97
51) 4-Methyl-2-Pentanone	10.565	43	1492	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	61326	31.738	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	61326	76.091	ug/l #	11

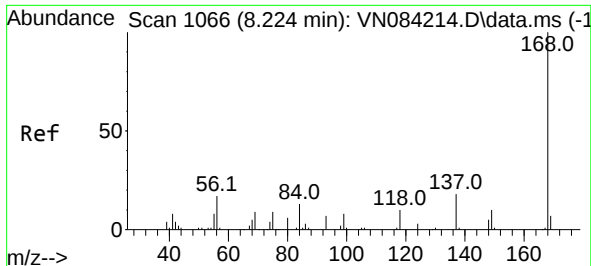
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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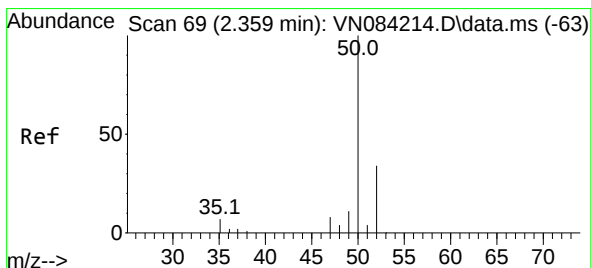
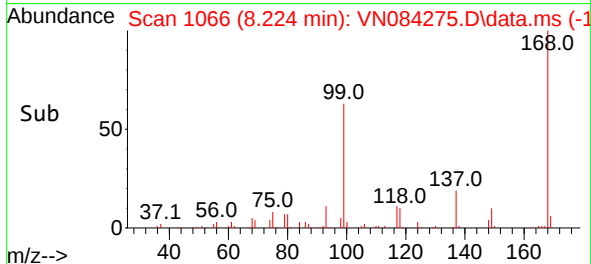
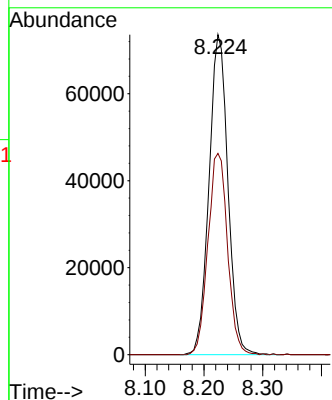
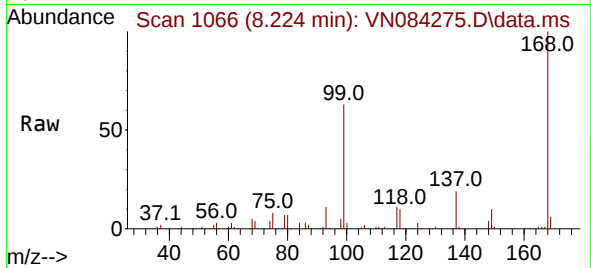




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

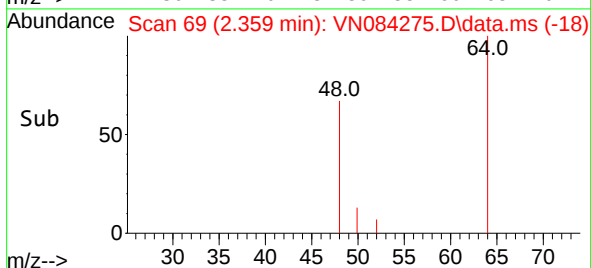
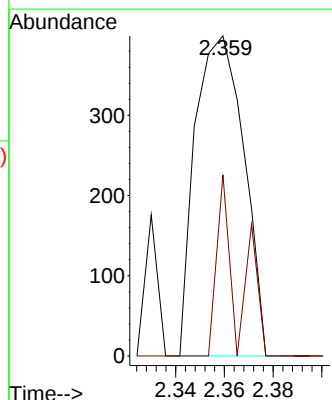
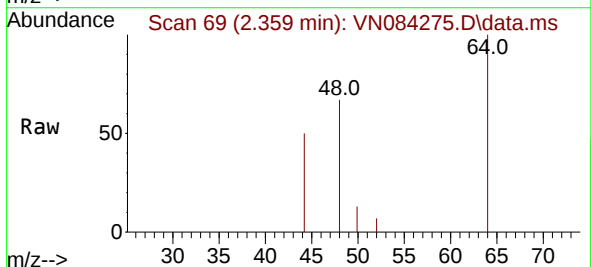
Instrument :
MSVOA_N
ClientSampleId :

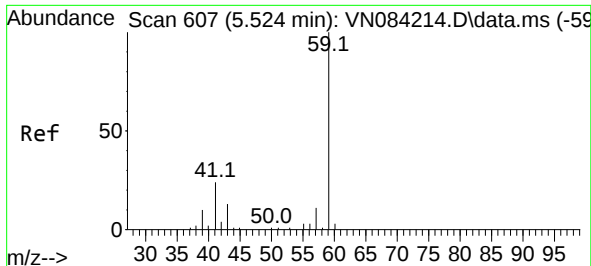
Tgt Ion:168 Resp: 163990
Ion Ratio Lower Upper
168 100
99 62.9 54.2 81.2



#3
Chloromethane
Concen: 0.250 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Tgt Ion: 50 Resp: 553
Ion Ratio Lower Upper
50 100
52 56.6 26.8 40.2#

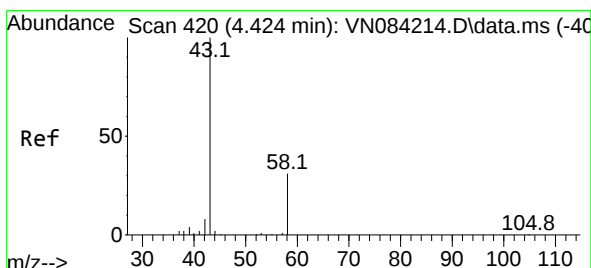
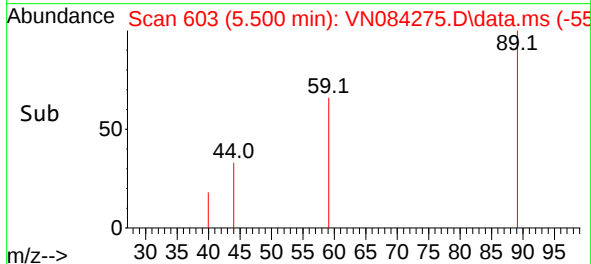
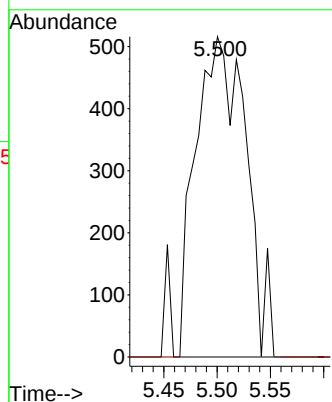
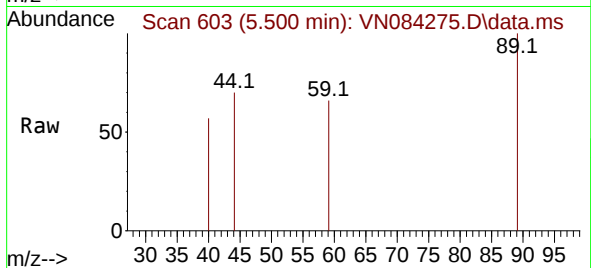




#11
Tert butyl alcohol
Concen: 4.235 ug/l
RT: 5.500 min Scan# 607
Delta R.T. -0.024 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

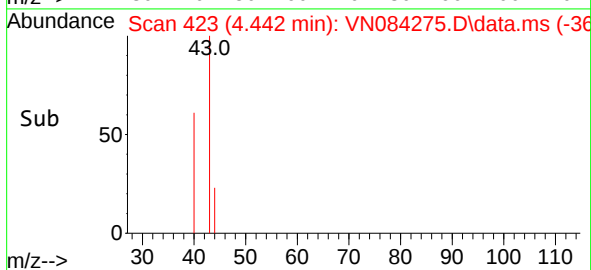
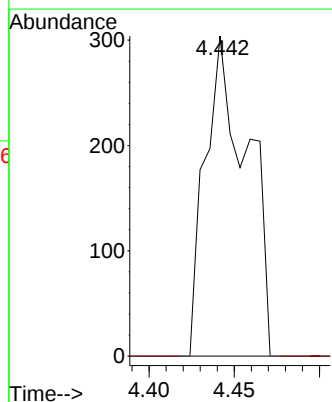
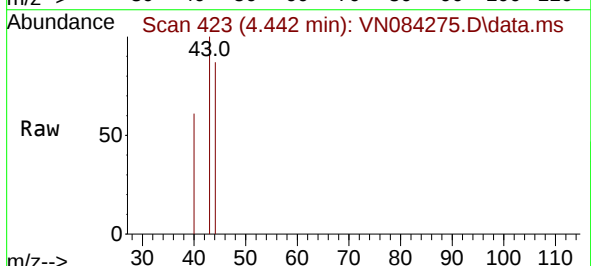
Instrument :
MSVOA_N
ClientSampleId :

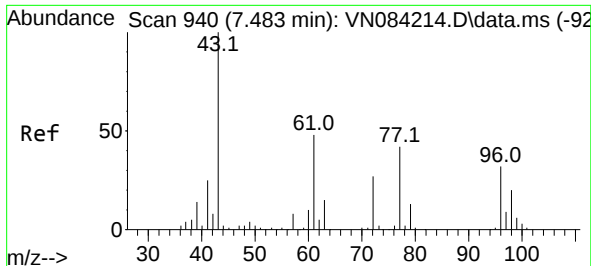
Tgt Ion: 59 Resp: 1698
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#16
Acetone
Concen: 0.500 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.018 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Tgt Ion: 43 Resp: 522
Ion Ratio Lower Upper
43 100
58 0.0 24.4 36.6#

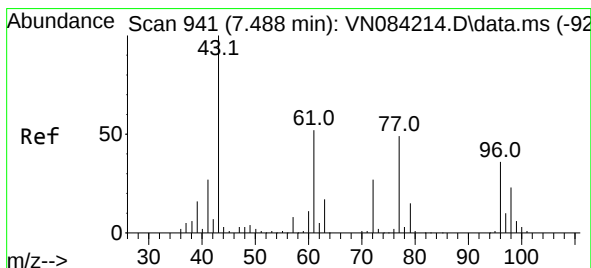
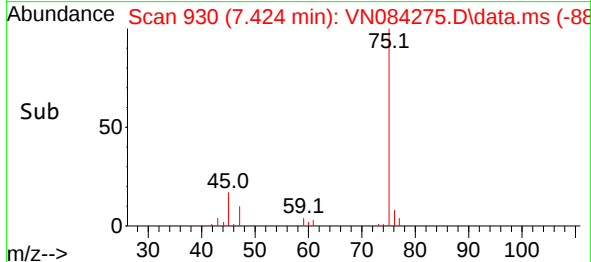
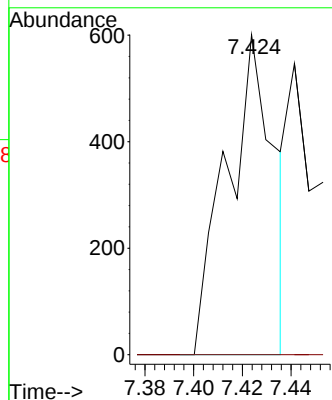
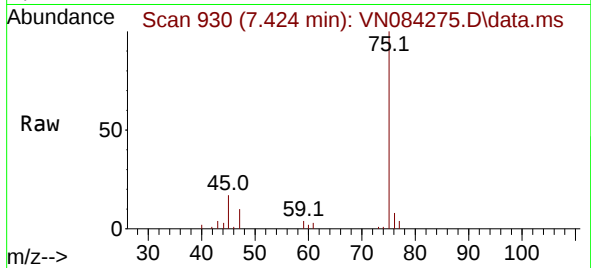




#25
2-Butanone
Concen: 0.568 ug/l
RT: 7.424 min Scan# 91
Delta R.T. -0.059 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

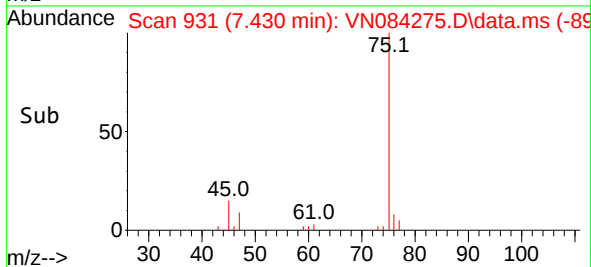
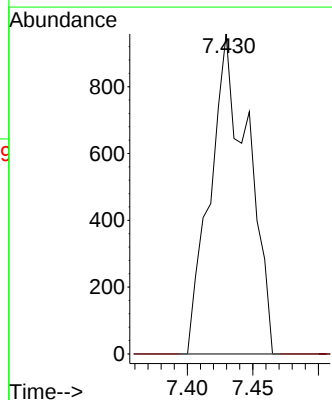
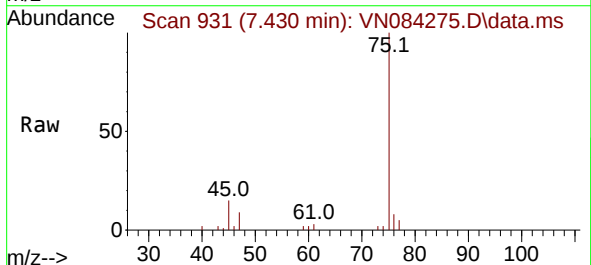
Instrument :
MSVOA_N
ClientSampleId :

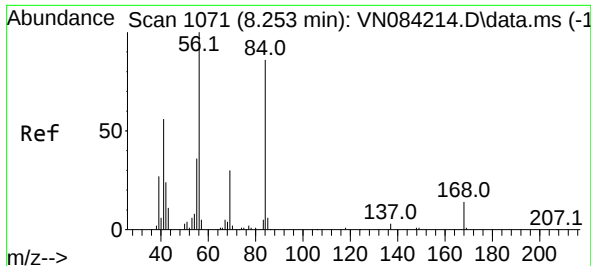
Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
72 0.0 21.4 32.2#



#26
2,2-Dichloropropane
Concen: 0.577 ug/l
RT: 7.430 min Scan# 931
Delta R.T. -0.059 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

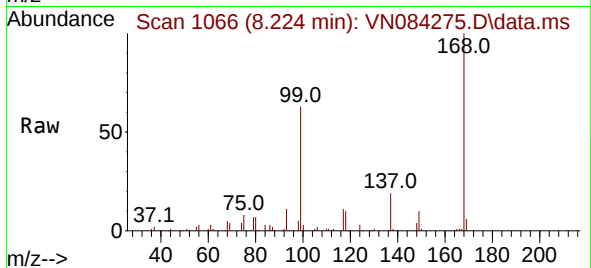
Tgt Ion: 77 Resp: 1930
Ion Ratio Lower Upper
77 100
97 0.0 10.8 32.3#



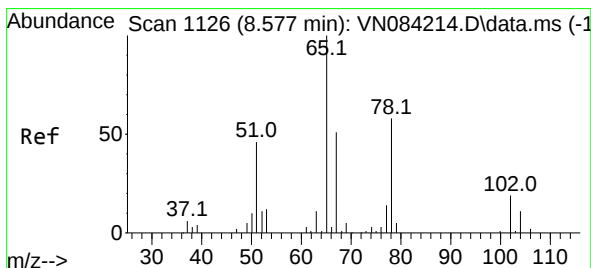
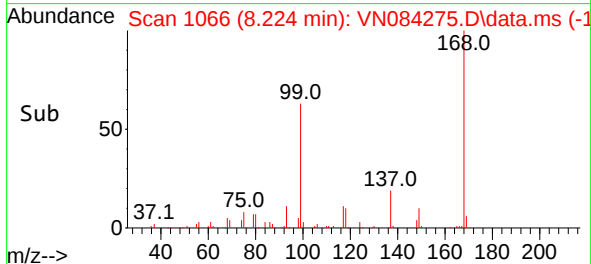
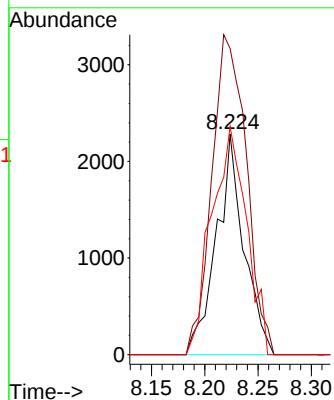


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

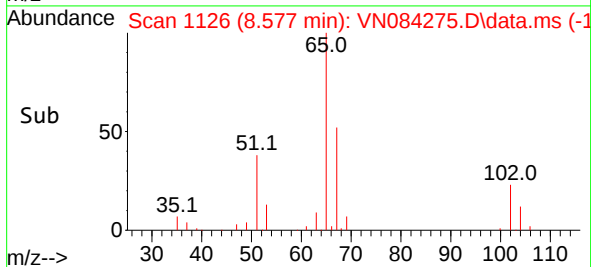
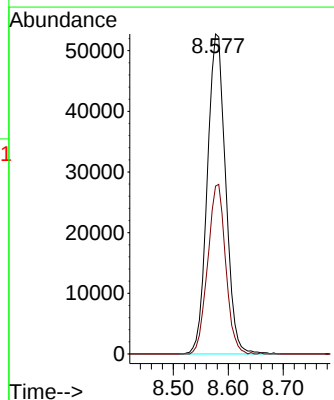
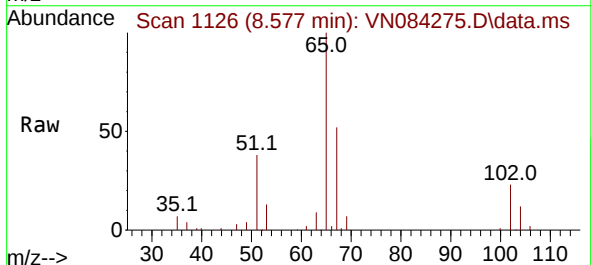


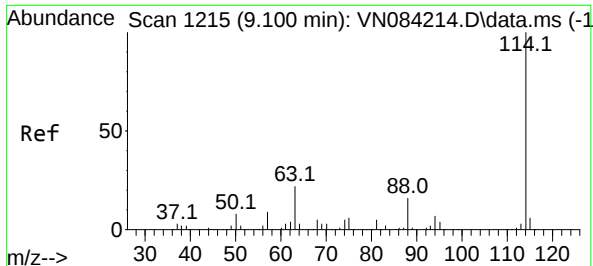
Tgt Ion: 56 Resp: 4108
Ion Ratio Lower Upper
56 100
69 138.8 23.8 35.6#
84 103.5 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 50.142 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Tgt Ion: 65 Resp: 121919
Ion Ratio Lower Upper
65 100
67 51.9 0.0 102.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084275.D

Acq: 02 Oct 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

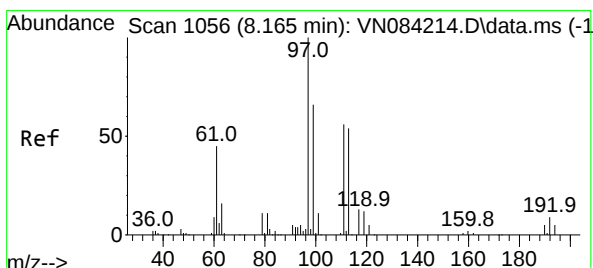
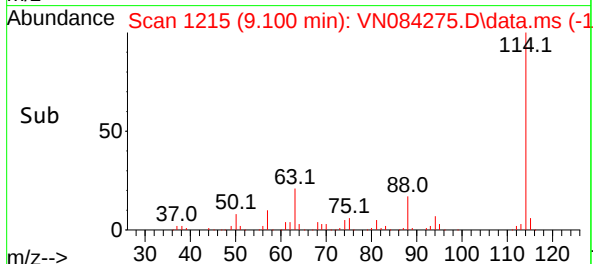
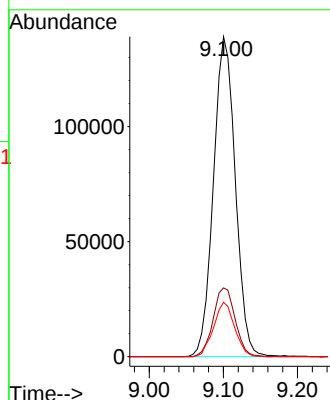
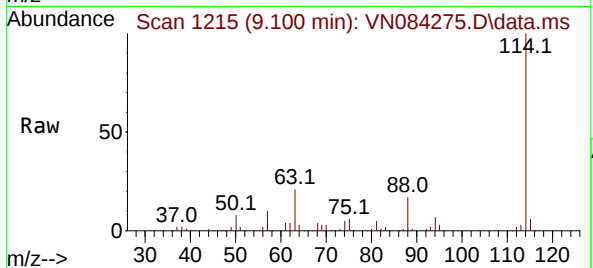
Tgt Ion:114 Resp: 285056

Ion Ratio Lower Upper

114 100

63 21.5 0.0 43.8

88 17.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 50.590 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN084275.D

Acq: 02 Oct 2024 19:21

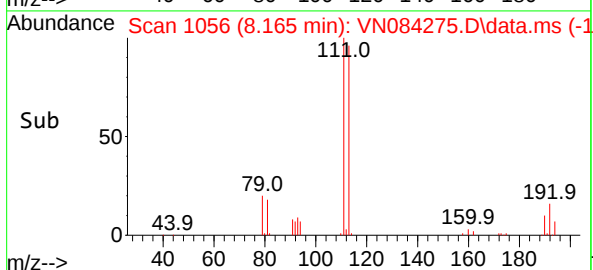
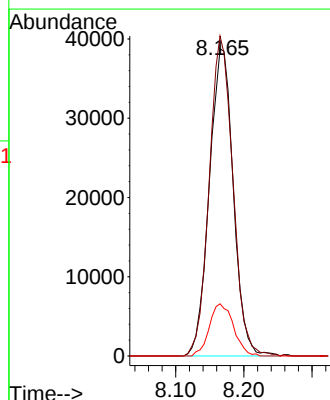
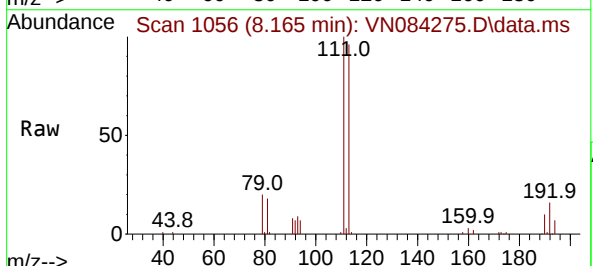
Tgt Ion:113 Resp: 95072

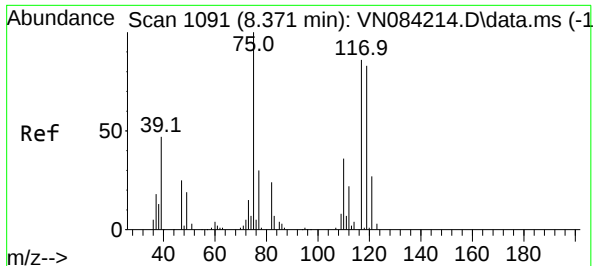
Ion Ratio Lower Upper

113 100

111 102.3 83.3 124.9

192 17.1 13.5 20.3





#36

1,1-Dichloropropene

Concen: 5.476 ug/l

RT: 8.218 min Scan# 1

Delta R.T. -0.153 min

Lab File: VN084275.D

Acq: 02 Oct 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

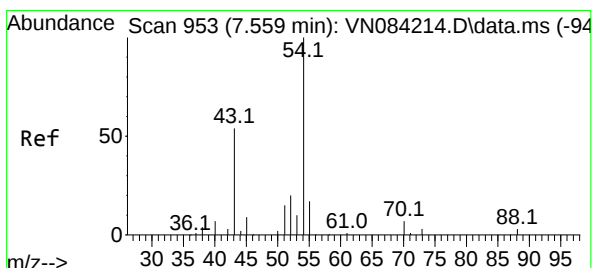
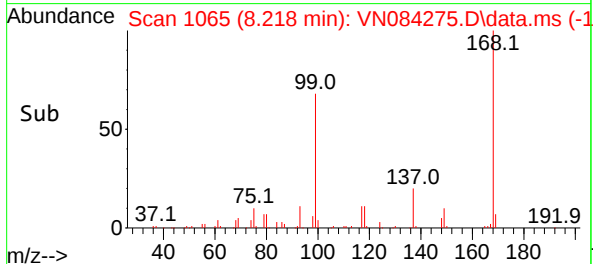
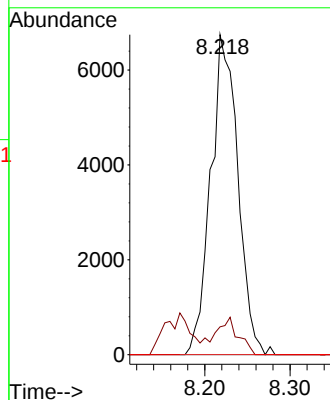
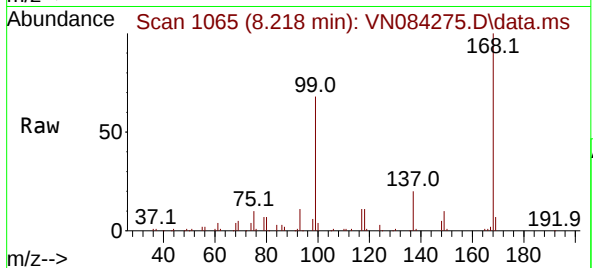
Tgt Ion: 75 Resp: 14947

Ion Ratio Lower Upper

75 100

110 8.7 16.9 50.7#

77 0.0 24.7 37.1#



#37

Ethyl Acetate

Concen: 0.289 ug/l

RT: 7.424 min Scan# 930

Delta R.T. -0.135 min

Lab File: VN084275.D

Acq: 02 Oct 2024 19:21

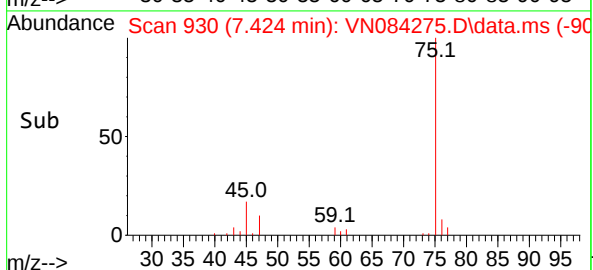
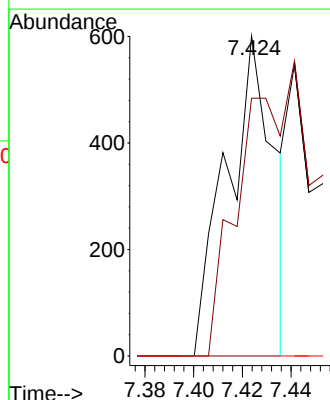
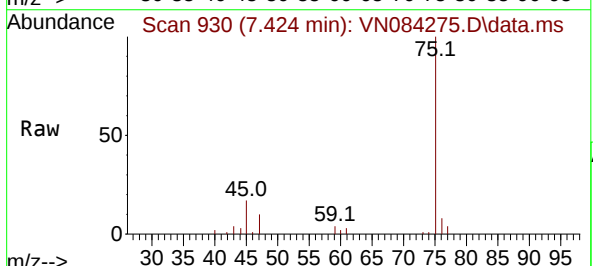
Tgt Ion: 43 Resp: 808

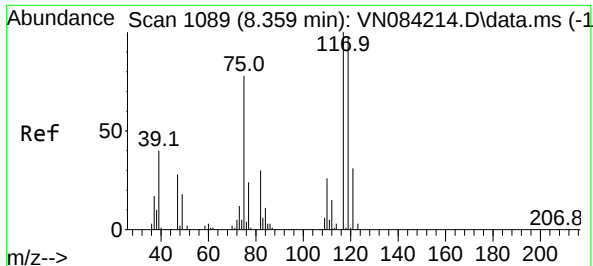
Ion Ratio Lower Upper

43 100

61 142.8 10.7 16.1#

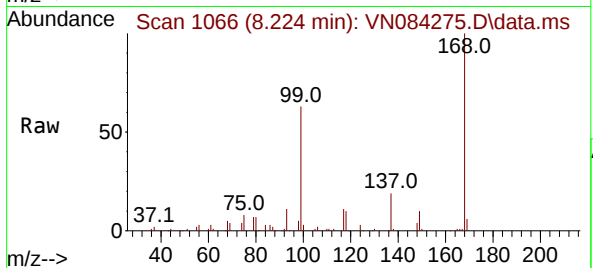
70 0.0 8.8 13.2#



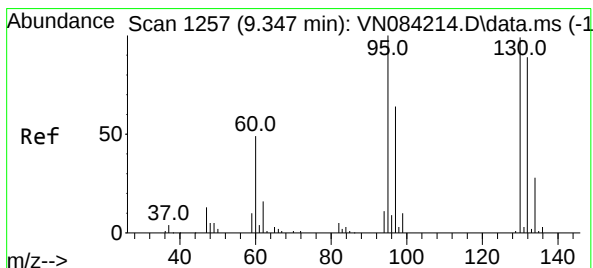
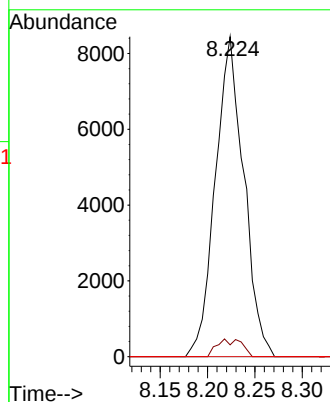
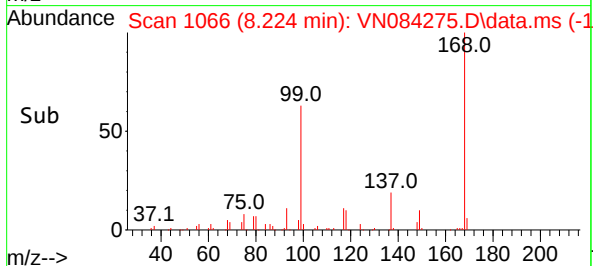


#38
Carbon Tetrachloride
Concen: 5.895 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Instrument :
MSVOA_N
ClientSampleId :

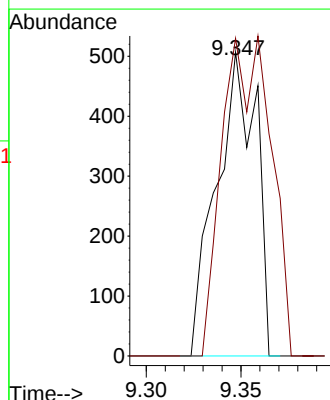
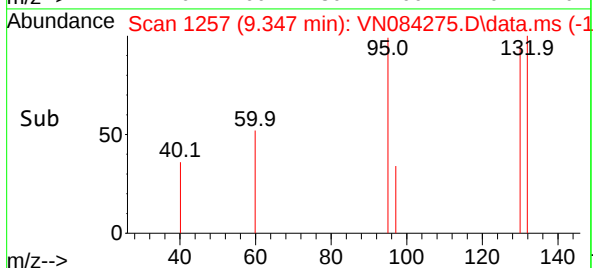
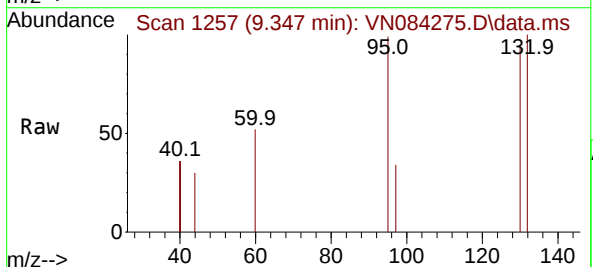


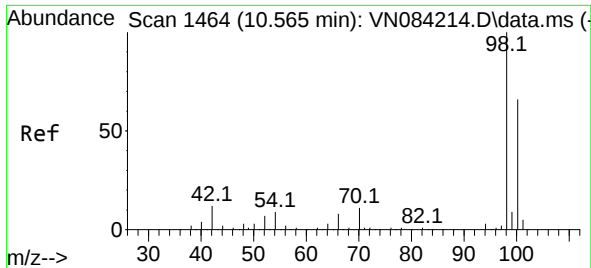
Tgt Ion:117 Resp: 17652
Ion Ratio Lower Upper
117 100
119 3.7 78.7 118.1#
121 0.0 24.4 36.6#



#44
Trichloroethene
Concen: 0.372 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Tgt Ion:130 Resp: 738
Ion Ratio Lower Upper
130 100
95 104.5 0.0 203.0

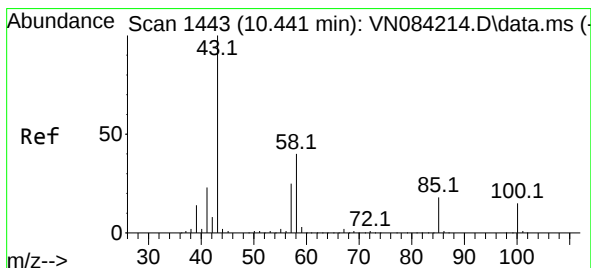
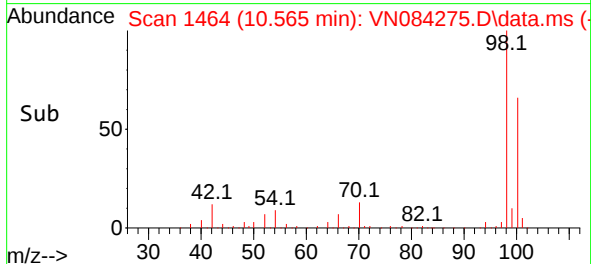
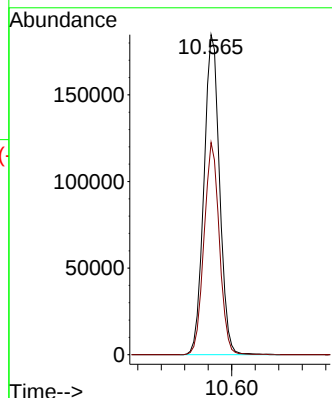
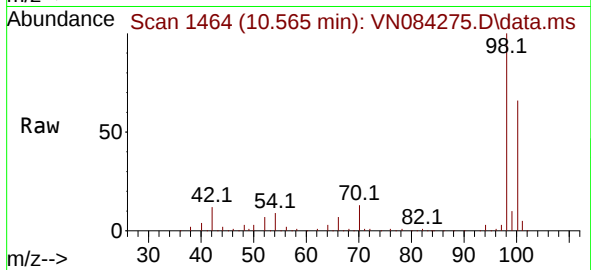




#50
Toluene-d8
Concen: 49.426 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

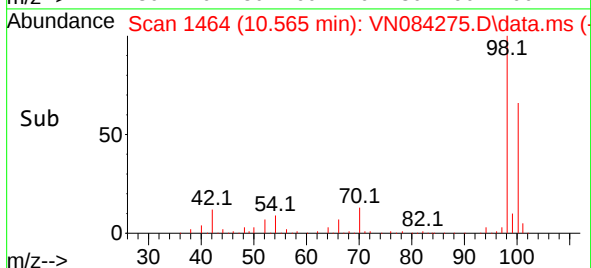
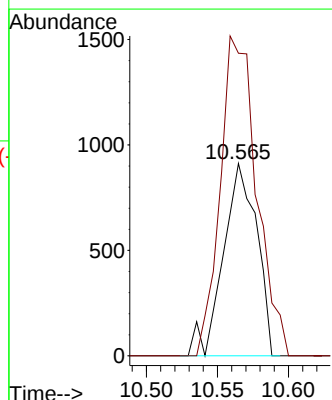
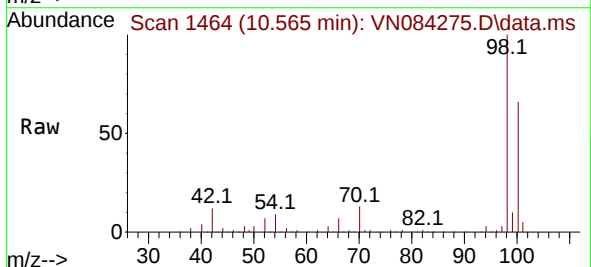
Instrument :
MSVOA_N
ClientSampleId :

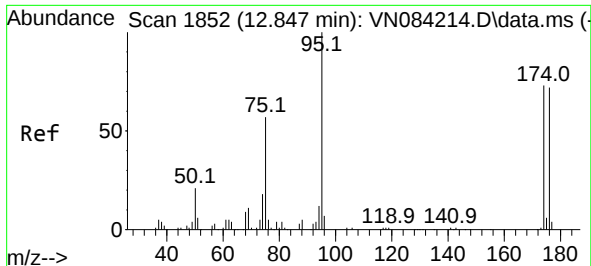
Tgt Ion: 98 Resp: 341735
Ion Ratio Lower Upper
98 100
100 64.9 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Tgt Ion: 43 Resp: 1492
Ion Ratio Lower Upper
43 100
58 181.5 31.6 47.4#

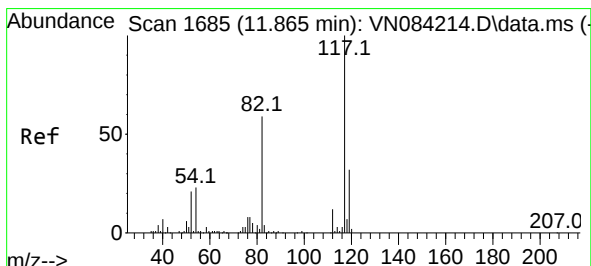
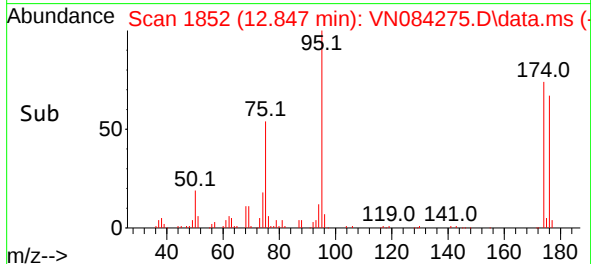
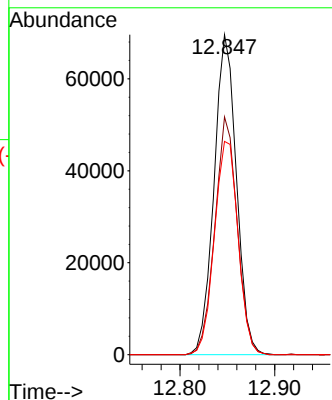
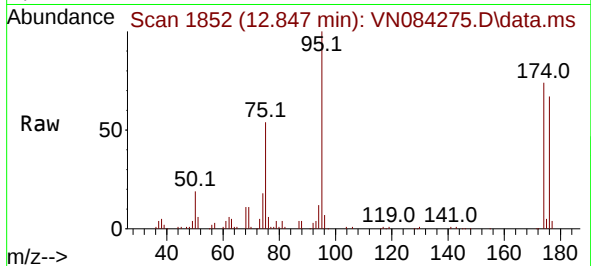




#62
4-Bromofluorobenzene
Concen: 45.368 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

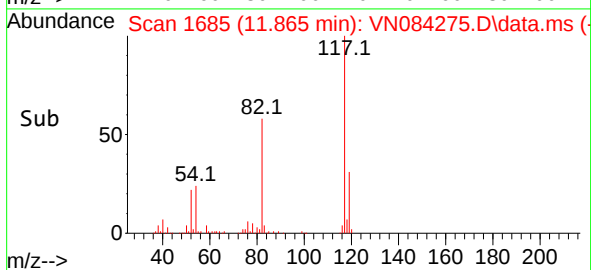
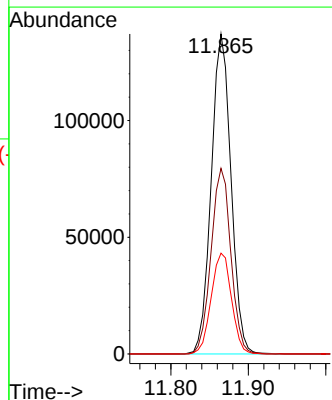
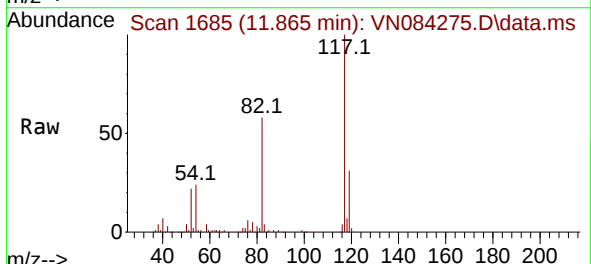
Instrument :
MSVOA_N
ClientSampleId :

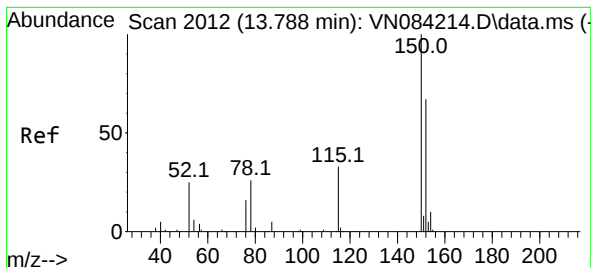
Tgt Ion: 95 Resp: 114276
Ion Ratio Lower Upper
95 100
174 74.2 0.0 145.2
176 70.6 0.0 140.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084275.D
Acq: 02 Oct 2024 19:21

Tgt Ion: 117 Resp: 242690
Ion Ratio Lower Upper
117 100
82 58.0 47.2 70.8
119 31.5 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: VN084275.D

Acq: 02 Oct 2024 19:21

Instrument :

MSVOA_N

ClientSampleId :

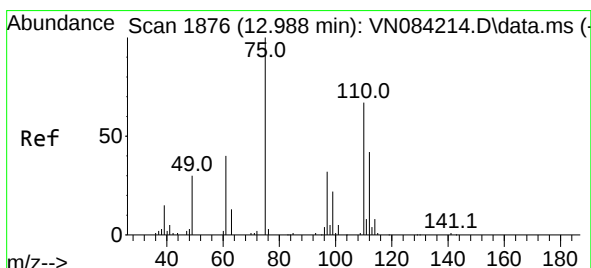
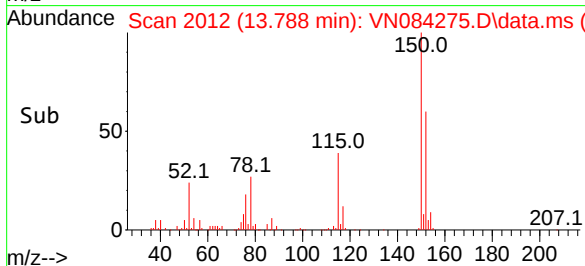
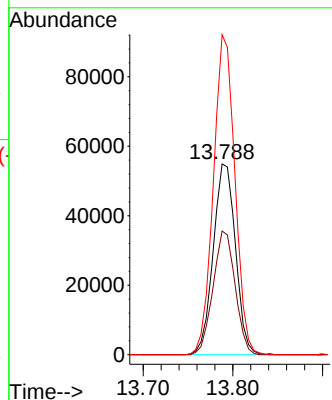
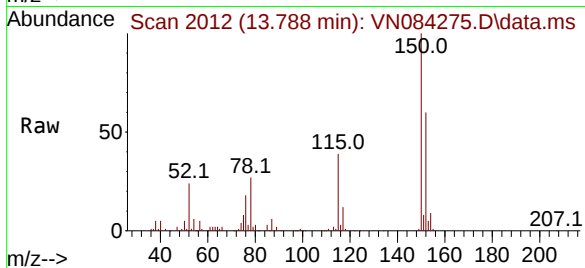
Tgt Ion:152 Resp: 94647

Ion Ratio Lower Upper

152 100

115 64.2 31.3 93.9

150 162.0 0.0 349.8



#76

1,2,3-Trichloropropane

Concen: 31.738 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN084275.D

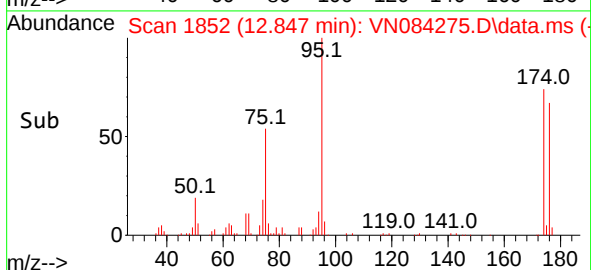
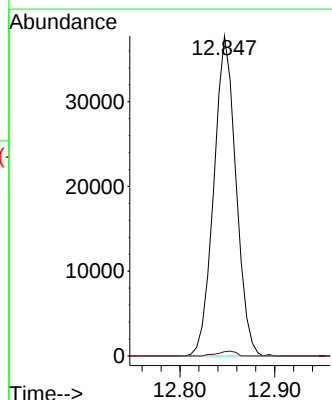
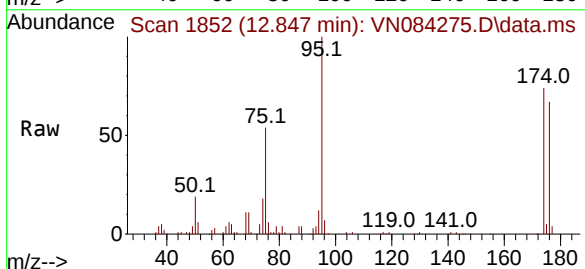
Acq: 02 Oct 2024 19:21

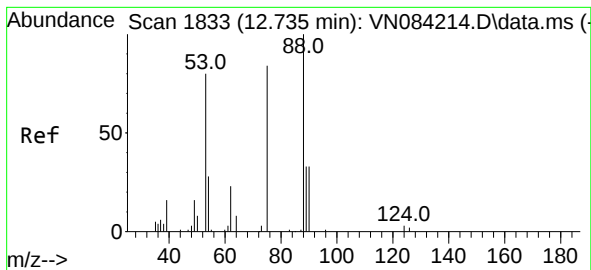
Tgt Ion: 75 Resp: 61326

Ion Ratio Lower Upper

75 100

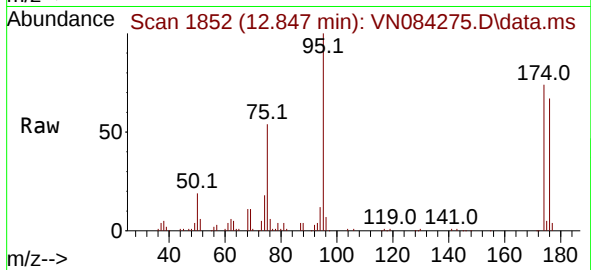
77 1.2 96.9 290.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 76.091 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN084275.D
 Acq: 02 Oct 2024 19:21

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 61326
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 35.5 53.3#

