

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072218.D
 Acq On : 27 Apr 2022 16:05
 Operator : JC\MD
 Sample : N2575-06 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-95-98

Quant Time: Apr 28 06:04:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 26 18:50:11 2022
 Response via : Initial Calibration

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

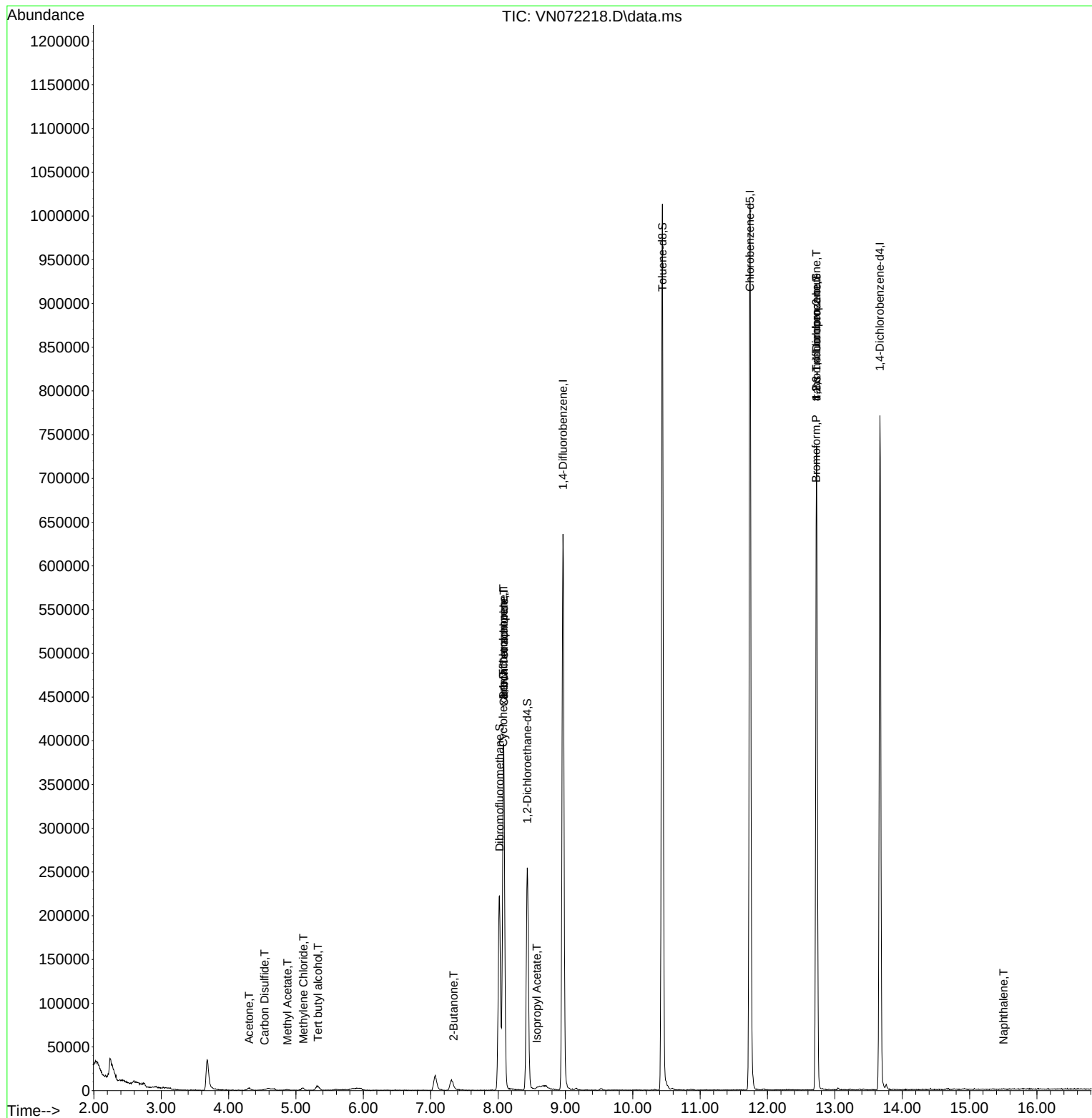
Internal Standards						
1) Pentafluorobenzene	8.081	168	282898	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	538215	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	569550	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	200954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	218947	50.412	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.820%			
35) Dibromofluoromethane	8.022	113	163224	47.382	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 94.760%			
50) Toluene-d8	10.439	98	685566	50.647	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.300%			
62) 4-Bromofluorobenzene	12.727	95	257845	57.389	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 114.780%			
Target Compounds						
						Qvalue
3) Chloromethane	2.305	50	1318	Below Cal	#	82
5) Bromomethane	2.869	94	343	Below Cal	#	2
6) Chloroethane	3.028	64	215	Below Cal	#	42
11) Tert butyl alcohol	5.328	59	5388	7.549	ug/l #	72
16) Acetone	4.304	43	2775	1.482	ug/l #	74
17) Carbon Disulfide	4.534	76	61	0.373	ug/l #	75
18) Methyl Acetate	4.875	43	2092	0.360	ug/l #	53
20) Methylene Chloride	5.110	84	2017	0.562	ug/l #	74
25) 2-Butanone	7.340	43	5727	1.920	ug/l	92
31) Cyclohexane	8.075	56	7070	1.218	ug/l #	30
36) 1,1-Dichloropropene	8.081	75	25034	4.993	ug/l #	50
38) Carbon Tetrachloride	8.087	117	30805	5.736	ug/l #	18
43) Isopropyl Acetate	8.575	43	1901	0.980	ug/l #	53
71) Bromoform	12.722	173	1178	0.365	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.722	83	146	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	141833	31.408	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	141833	81.609	ug/l #	10
95) Naphthalene	15.504	128	987	4.386	ug/l #	69

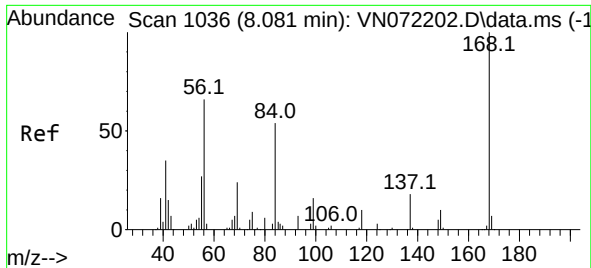
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
Data File : VN072218.D
Acq On : 27 Apr 2022 16:05
Operator : JC\MD
Sample : N2575-06 50X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

Quant Time: Apr 28 06:04:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042622W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 26 18:50:11 2022
Response via : Initial Calibration

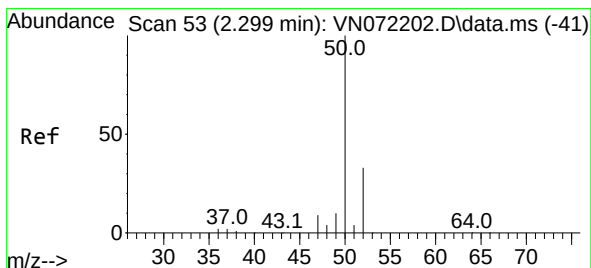
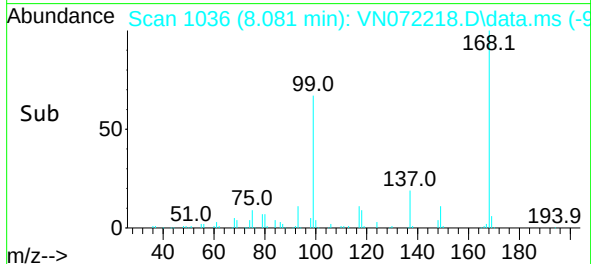
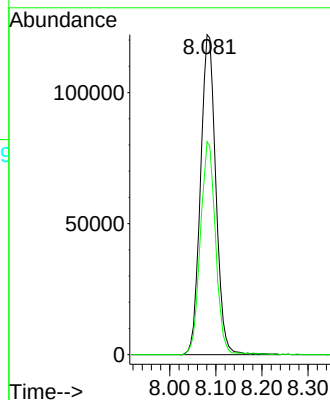
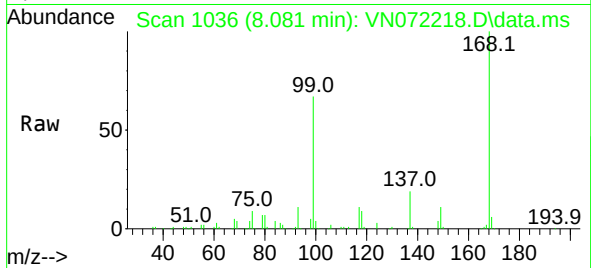




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

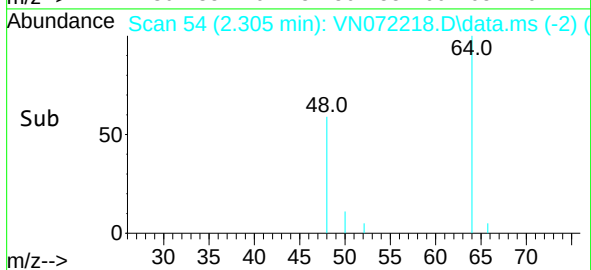
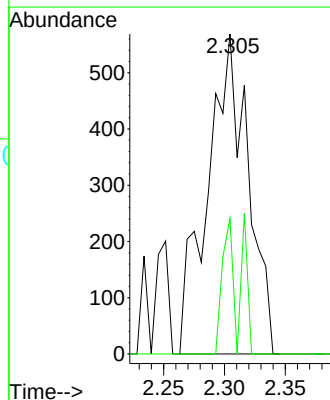
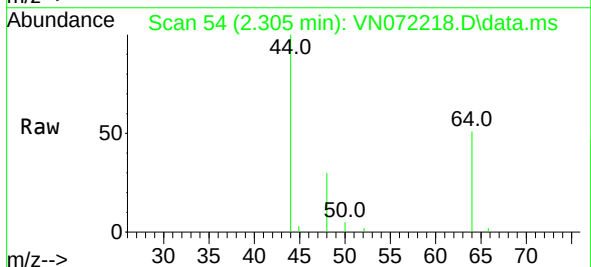
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

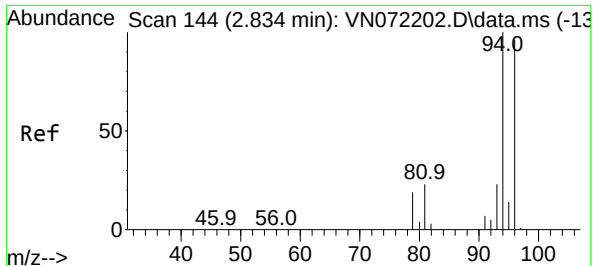
Tgt Ion:168 Resp: 282898
Ion Ratio Lower Upper
168 100
99 66.5 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Tgt Ion: 50 Resp: 1318
Ion Ratio Lower Upper
50 100
52 42.4 25.7 38.5#





#5

Bromomethane

Concen: Below Cal

RT: 2.869 min Scan# 11

Delta R.T. 0.035 min

Lab File: VN072218.D

Acq: 27 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

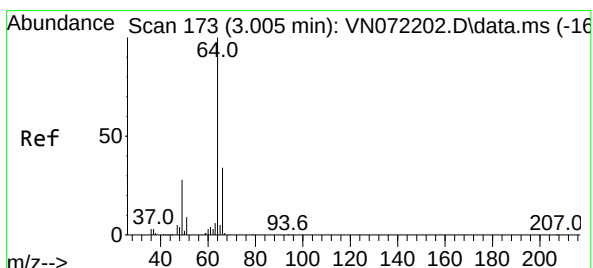
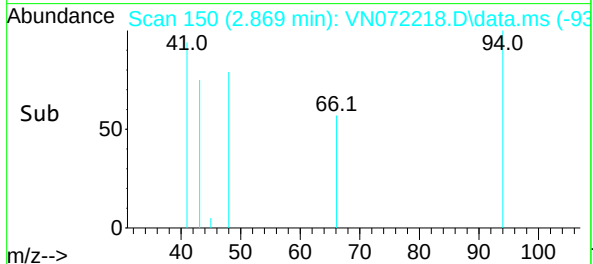
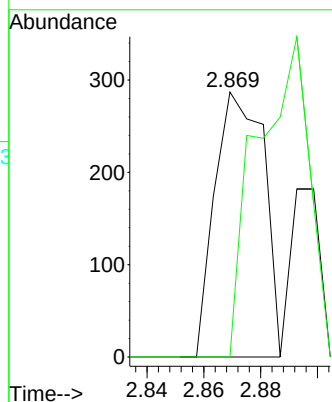
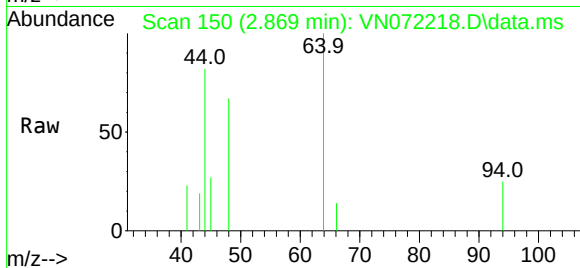
COMP-95-98

Tgt Ion: 94 Resp: 343

Ion Ratio Lower Upper

94 100

96 0.0 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.028 min Scan# 177

Delta R.T. 0.023 min

Lab File: VN072218.D

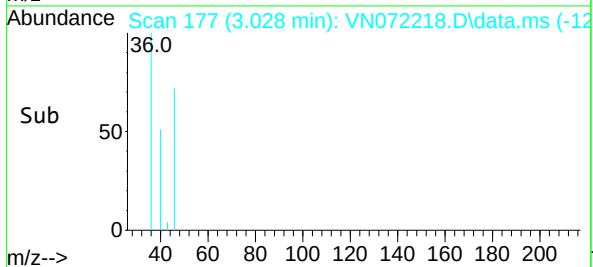
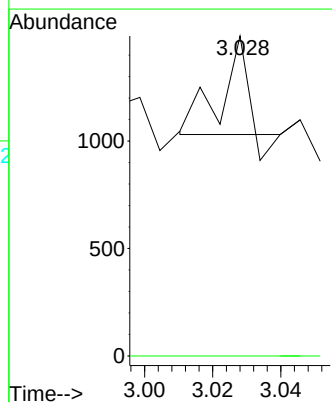
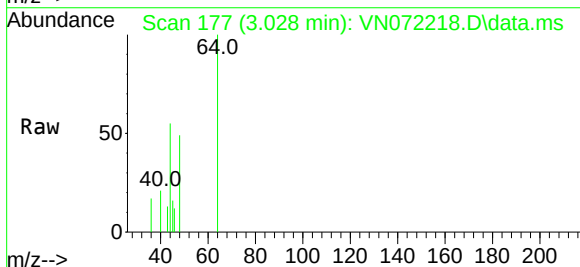
Acq: 27 Apr 2022 16:05

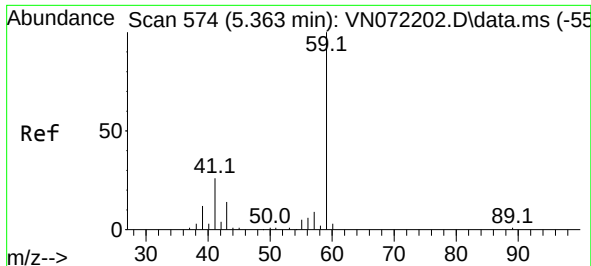
Tgt Ion: 64 Resp: 215

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

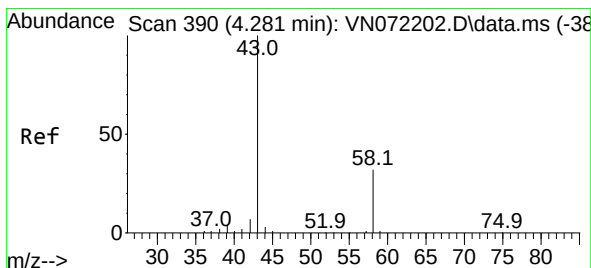
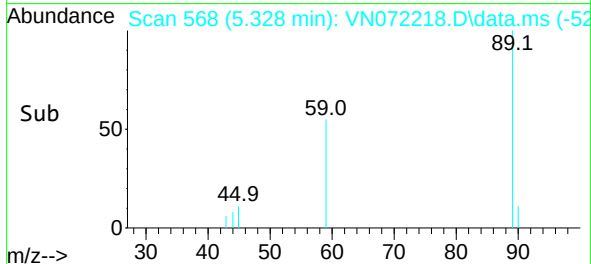
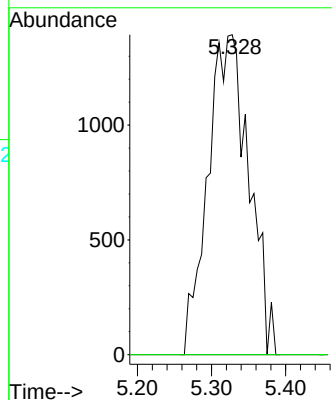
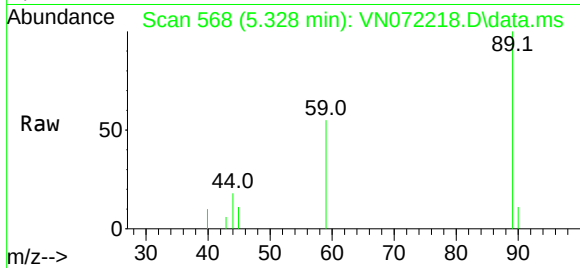




#11
Tert butyl alcohol
Concen: 7.549 ug/l
RT: 5.328 min Scan# 51
Delta R.T. -0.035 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

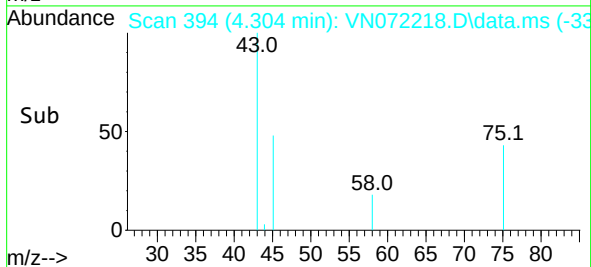
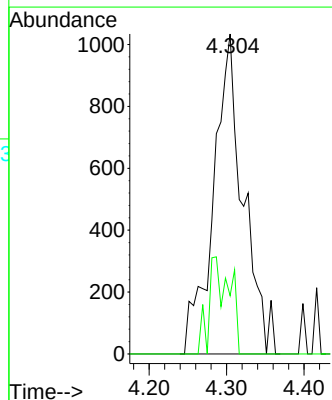
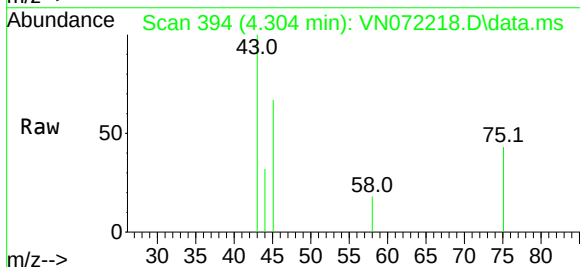
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

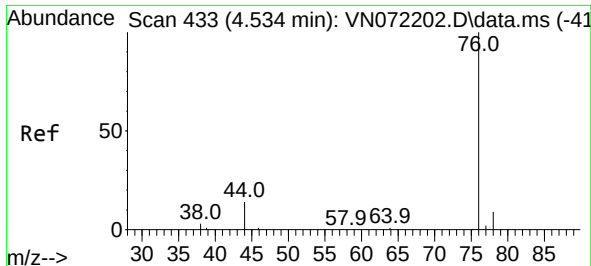
Tgt Ion: 59 Resp: 5388
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 1.482 ug/l
RT: 4.304 min Scan# 394
Delta R.T. 0.023 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

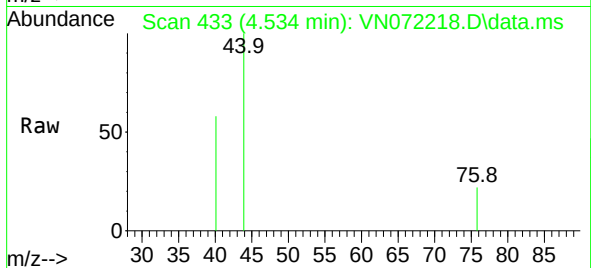
Tgt Ion: 43 Resp: 2775
Ion Ratio Lower Upper
43 100
58 18.2 26.0 39.0#



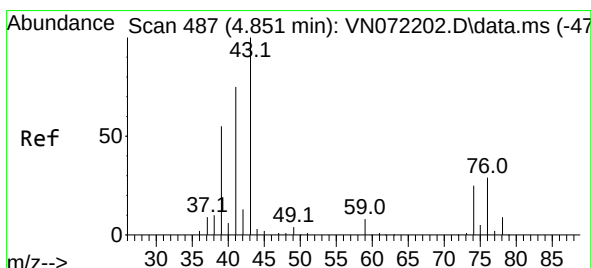
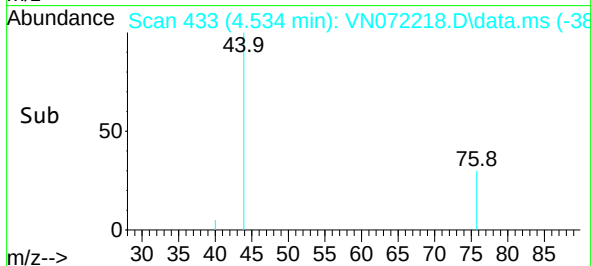
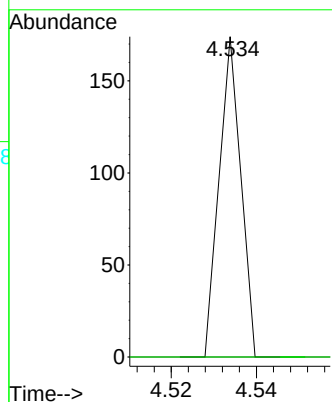


#17
Carbon Disulfide
Concen: 0.373 ug/l
RT: 4.534 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

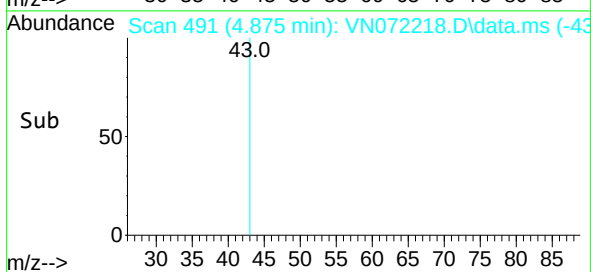
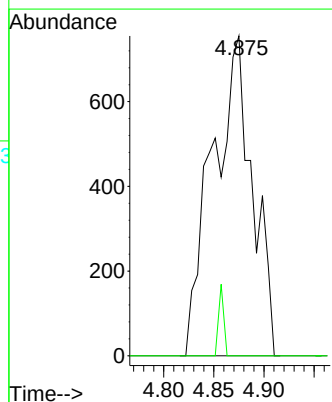
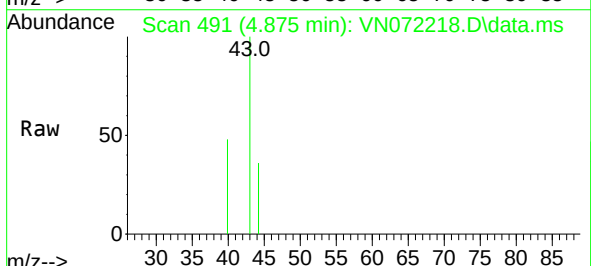


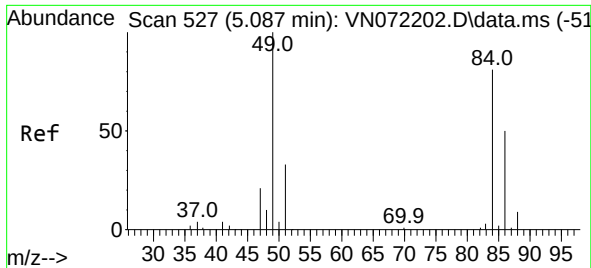
Tgt Ion: 76 Resp: 61
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#



#18
Methyl Acetate
Concen: 0.360 ug/l
RT: 4.875 min Scan# 491
Delta R.T. 0.024 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

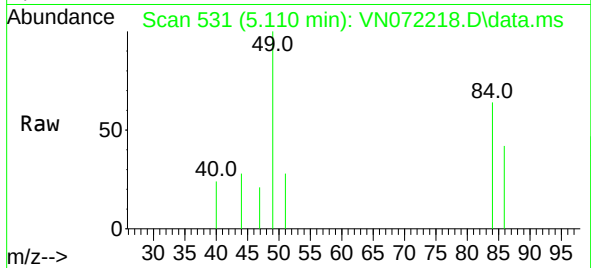
Tgt Ion: 43 Resp: 2092
Ion Ratio Lower Upper
43 100
74 2.9 21.6 32.4#





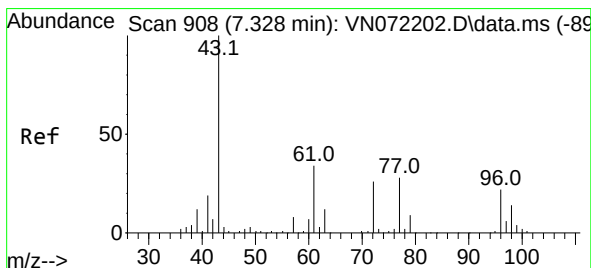
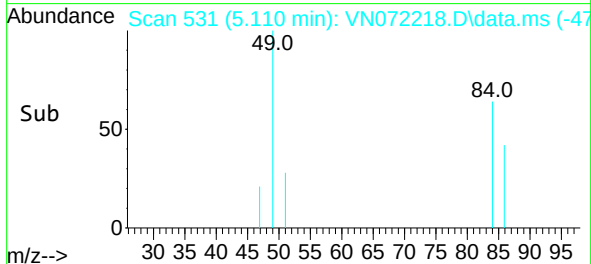
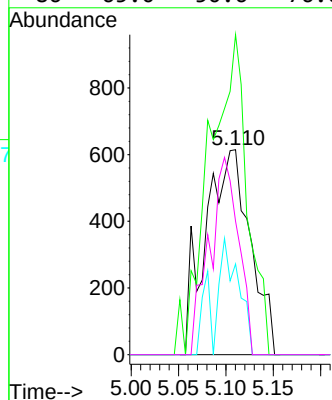
#20
Methylene Chloride
Concen: 0.562 ug/l
RT: 5.110 min Scan# 51
Delta R.T. 0.023 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98



Tgt Ion: 84 Resp: 2017

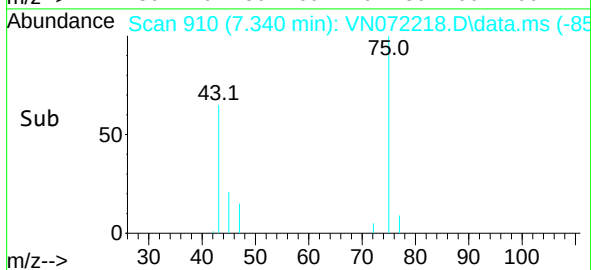
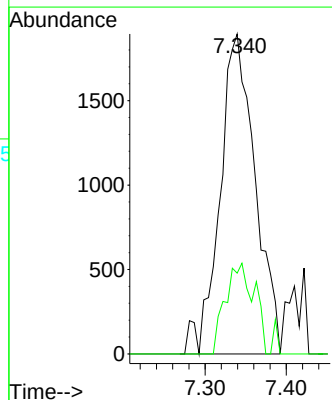
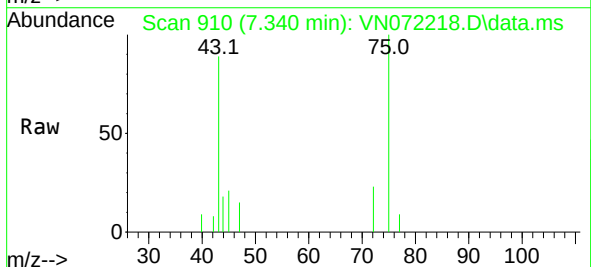
Ion	Ratio	Lower	Upper
84	100		
49	156.1	88.3	132.5#
51	44.2	28.2	42.2#
86	65.0	50.6	76.0

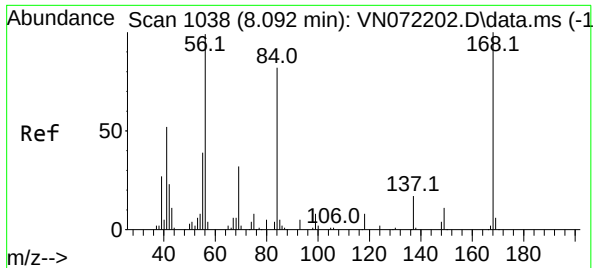


#25
2-Butanone
Concen: 1.920 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.011 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Tgt Ion: 43 Resp: 5727

Ion	Ratio	Lower	Upper
43	100		
72	25.2	23.7	35.5

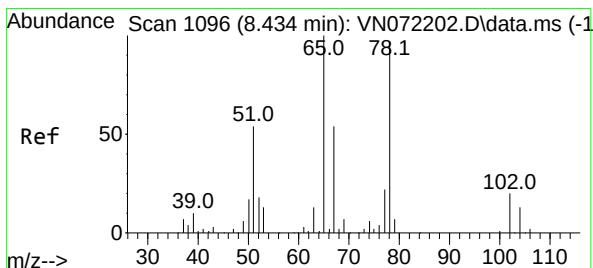
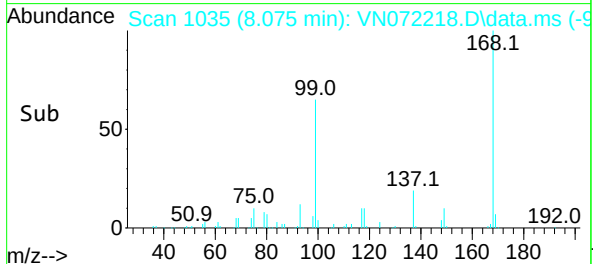
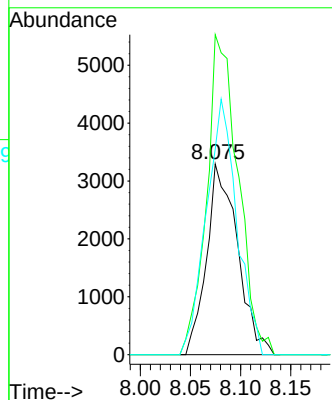
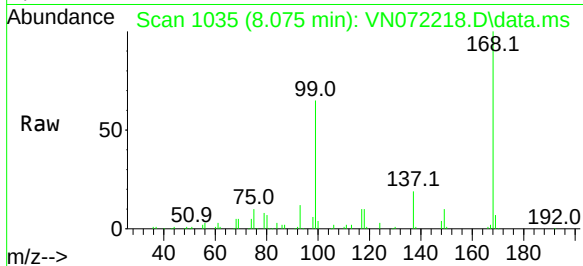




#31
Cyclohexane
Concen: 1.218 ug/l
RT: 8.075 min Scan# 1035
Delta R.T. -0.017 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

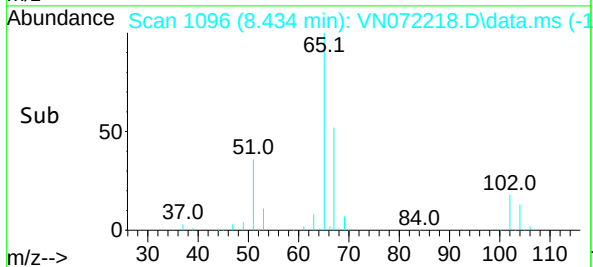
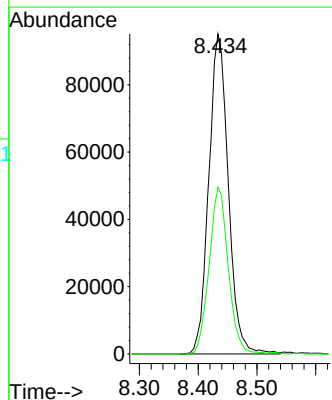
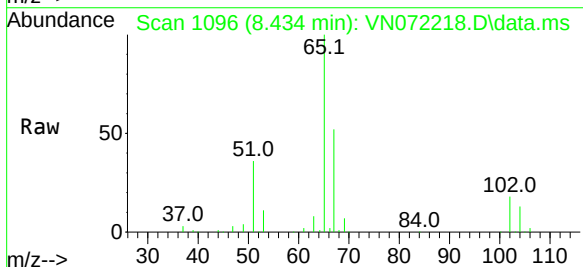
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

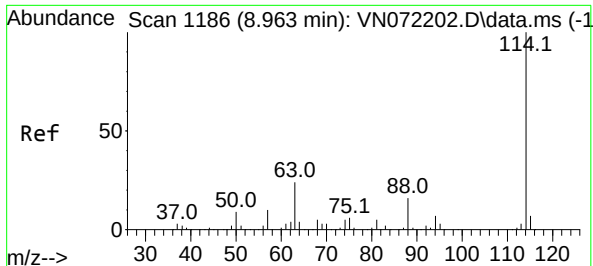
Tgt Ion: 56 Resp: 7070
Ion Ratio Lower Upper
56 100
69 167.8 27.8 41.8#
84 107.8 76.9 115.3



#33
1,2-Dichloroethane-d4
Concen: 50.412 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Tgt Ion: 65 Resp: 218947
Ion Ratio Lower Upper
65 100
67 51.0 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072218.D

Acq: 27 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98

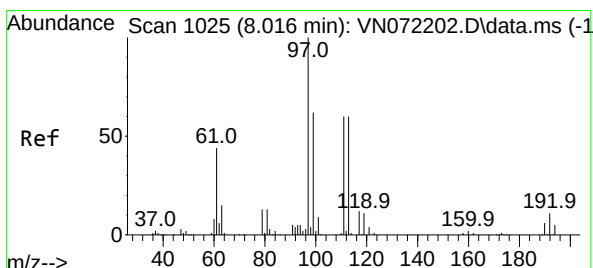
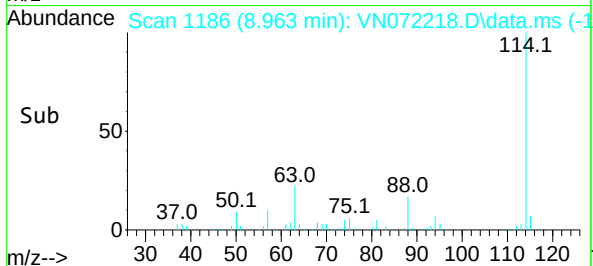
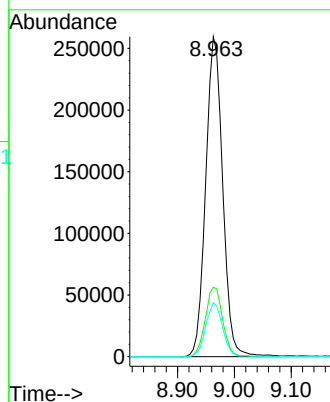
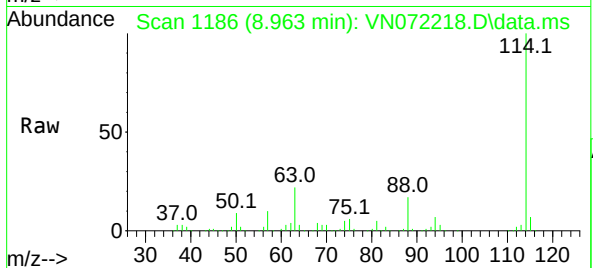
Tgt Ion:114 Resp: 538215

Ion Ratio Lower Upper

114 100

63 21.7 0.0 40.0

88 16.9 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.382 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072218.D

Acq: 27 Apr 2022 16:05

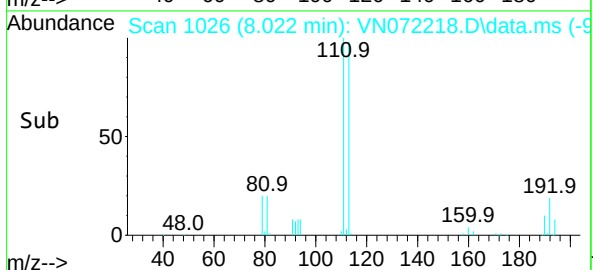
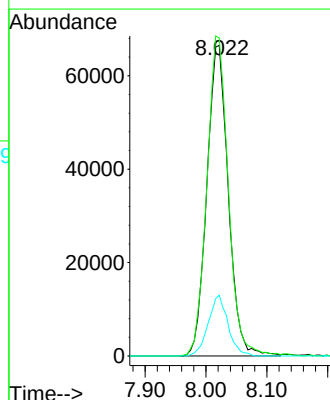
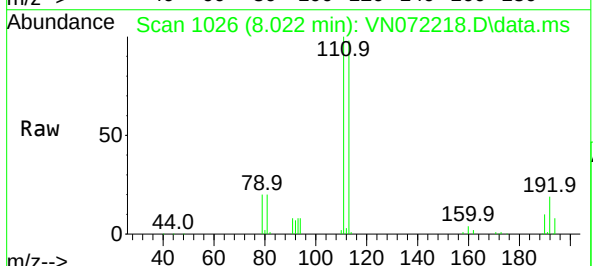
Tgt Ion:113 Resp: 163224

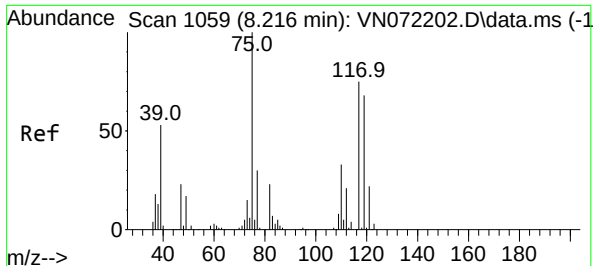
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 18.0 17.0 25.6





#36

1,1-Dichloropropene

Concen: 4.993 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072218.D

Acq: 27 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98

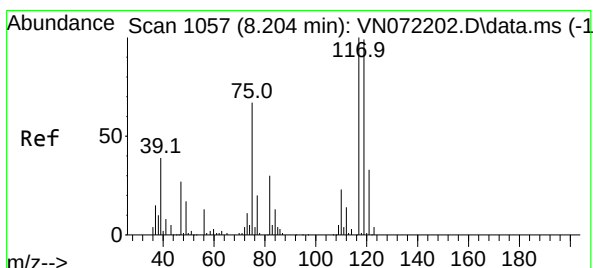
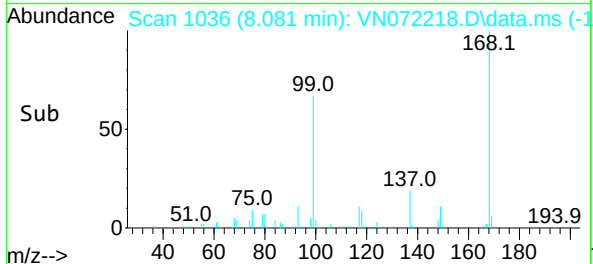
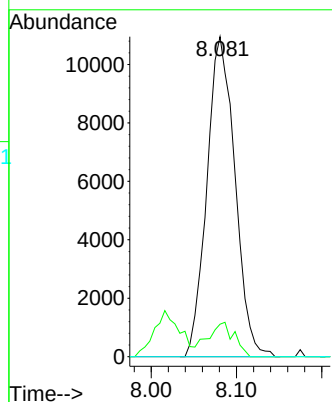
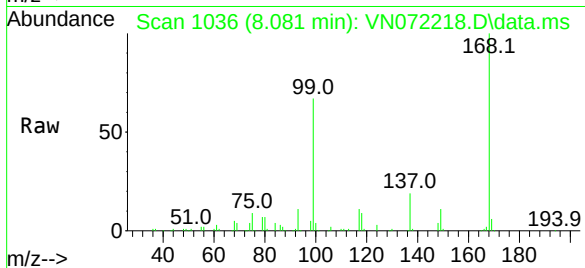
Tgt Ion: 75 Resp: 25034

Ion Ratio Lower Upper

75 100

110 10.0 18.3 54.8#

77 0.0 25.1 37.7#



#38

Carbon Tetrachloride

Concen: 5.736 ug/l

RT: 8.087 min Scan# 1037

Delta R.T. -0.117 min

Lab File: VN072218.D

Acq: 27 Apr 2022 16:05

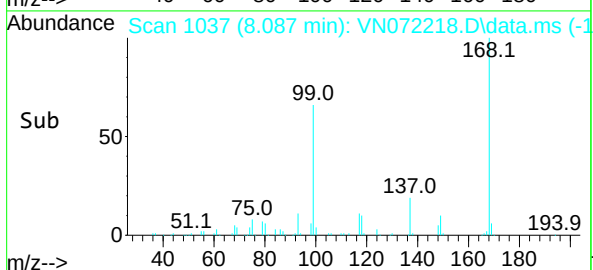
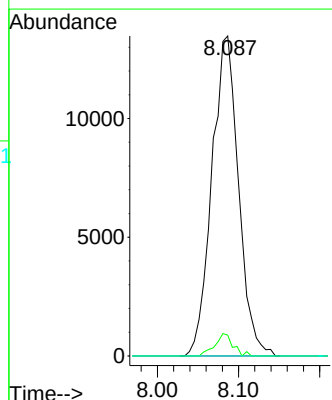
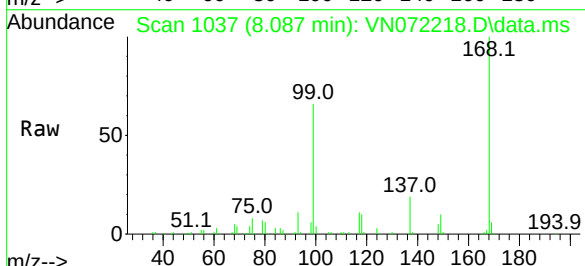
Tgt Ion: 117 Resp: 30805

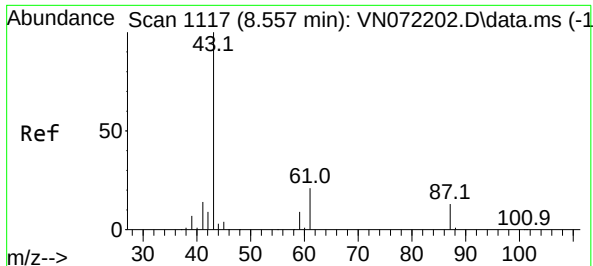
Ion Ratio Lower Upper

117 100

119 6.5 75.8 113.8#

121 0.0 24.6 37.0#





#43

Isopropyl Acetate

Concen: 0.980 ug/l

RT: 8.575 min Scan# 1117

Delta R.T. 0.018 min

Lab File: VN072218.D

Acq: 27 Apr 2022 16:05

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98

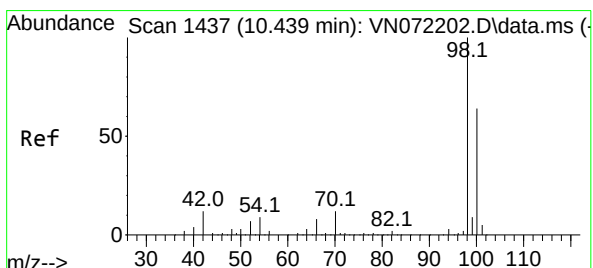
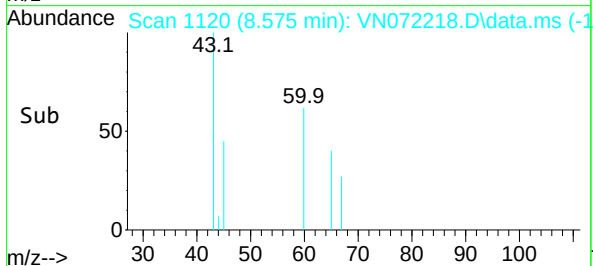
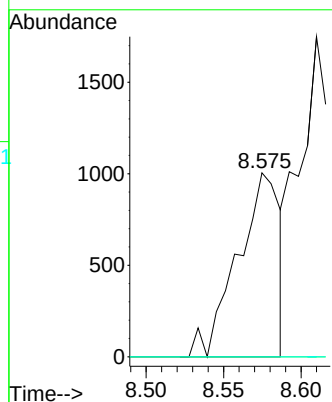
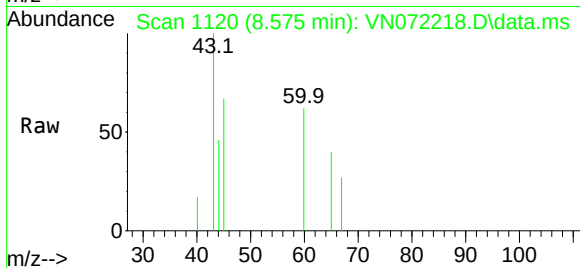
Tgt Ion: 43 Resp: 1901

Ion Ratio Lower Upper

43 100

61 0.0 21.9 32.9#

87 0.0 12.0 18.0#



#50

Toluene-d8

Concen: 50.647 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072218.D

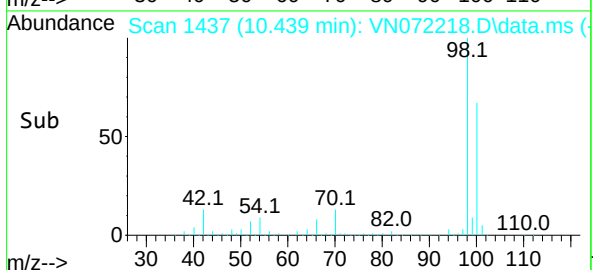
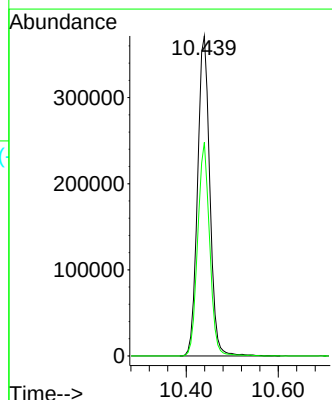
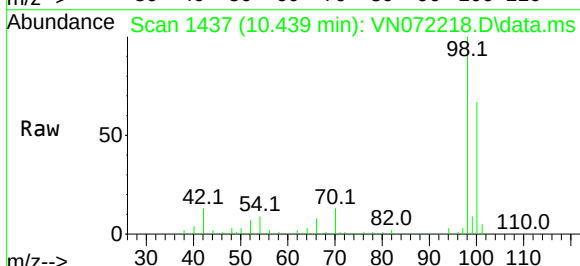
Acq: 27 Apr 2022 16:05

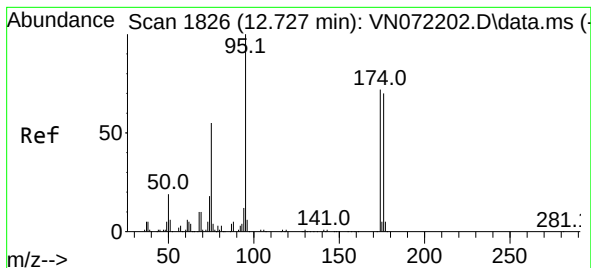
Tgt Ion: 98 Resp: 685566

Ion Ratio Lower Upper

98 100

100 65.2 52.6 78.8

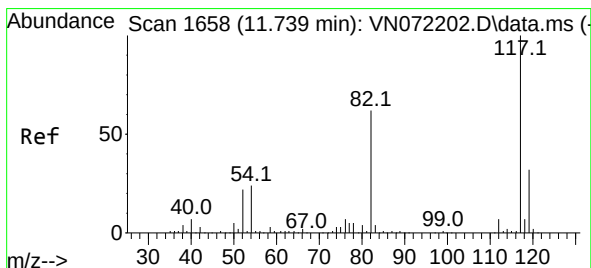
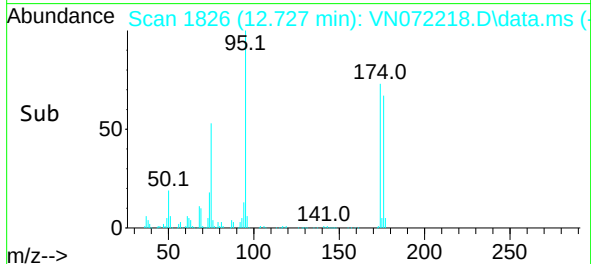
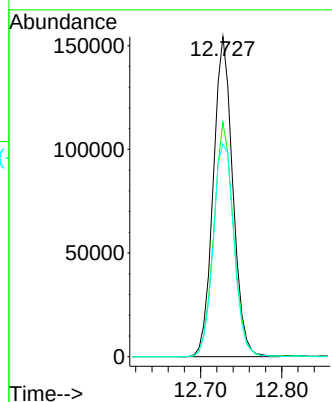
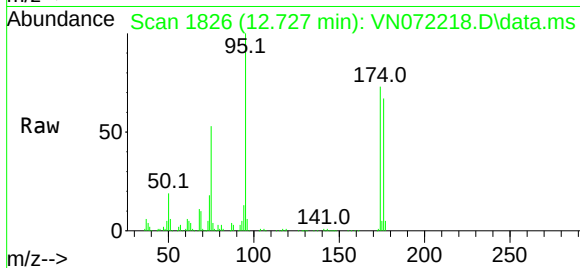




#62
4-Bromofluorobenzene
Concen: 57.389 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

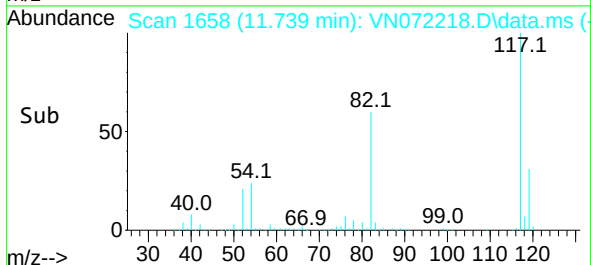
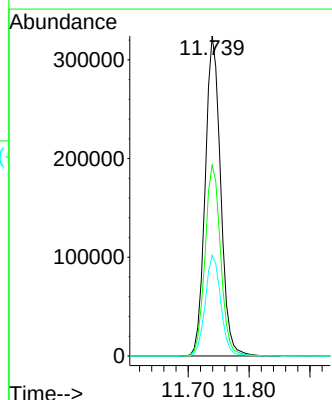
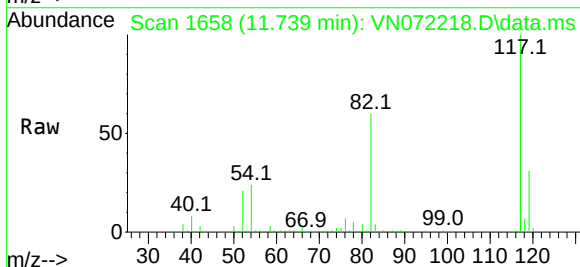
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

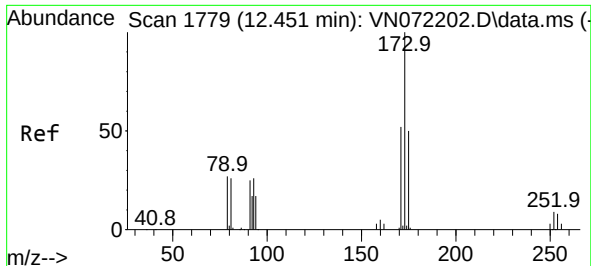
Tgt Ion: 95 Resp: 257845
Ion Ratio Lower Upper
95 100
174 74.0 0.0 167.6
176 71.2 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Tgt Ion: 117 Resp: 569550
Ion Ratio Lower Upper
117 100
82 59.7 44.2 66.2
119 31.5 25.4 38.0

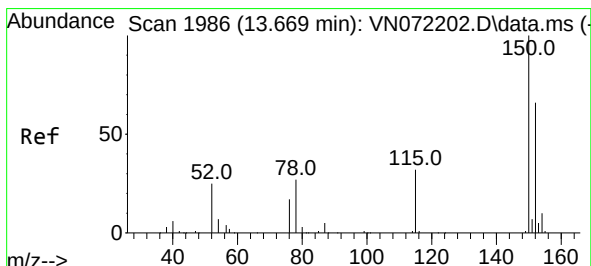
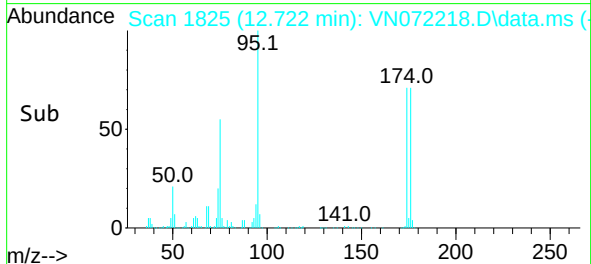
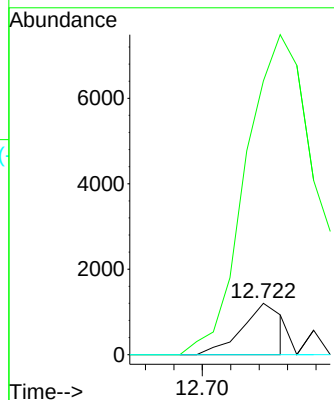
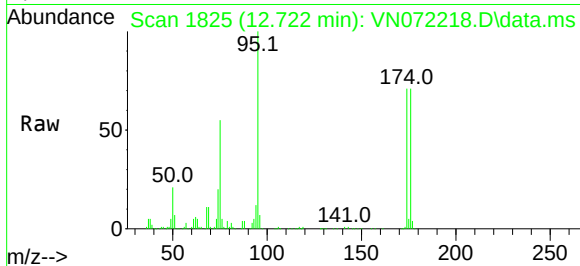




#71
Bromoform
Concen: 0.365 ug/l
RT: 12.722 min Scan# 1178
Delta R.T. 0.271 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

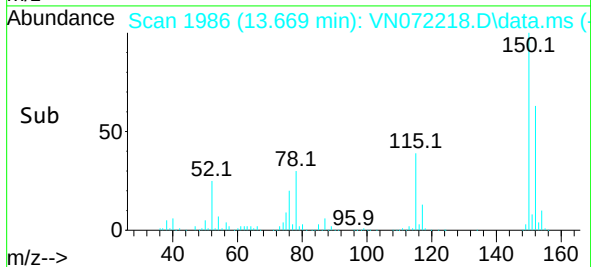
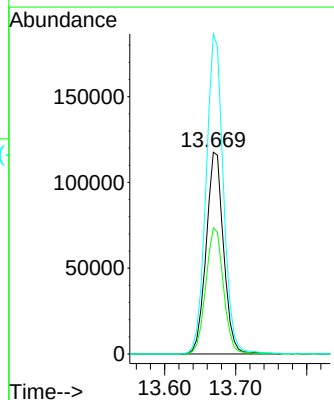
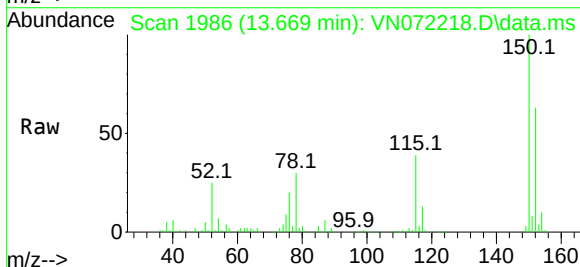
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

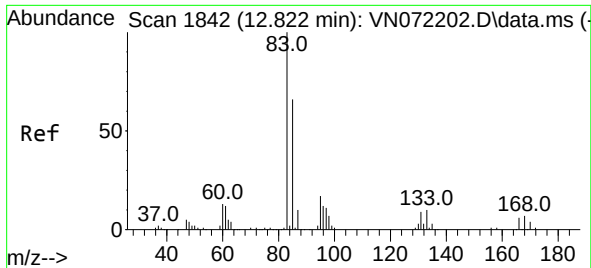
Tgt Ion:173 Resp: 1178
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.6#
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Tgt Ion:152 Resp: 200954
Ion Ratio Lower Upper
152 100
115 63.4 28.9 86.7
150 157.5 0.0 356.2

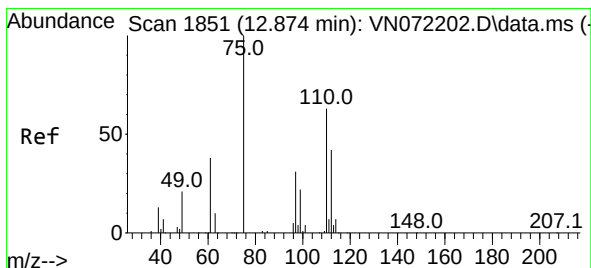
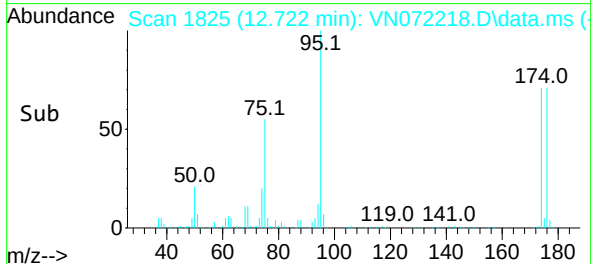
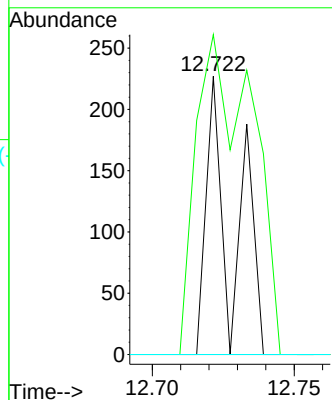
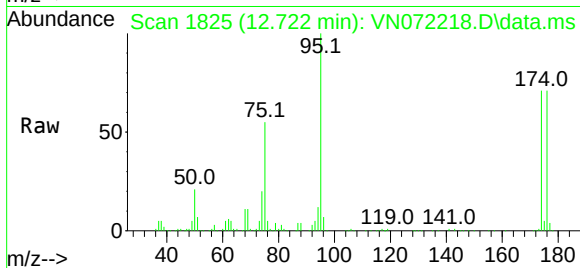




#75
1,1,2-Tetrachloroethane
Concen: Below Cal
RT: 12.722 min Scan# 1842
Delta R.T. -0.100 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

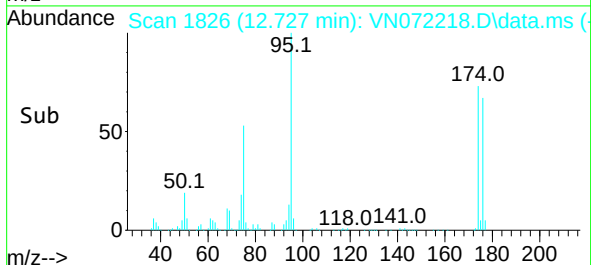
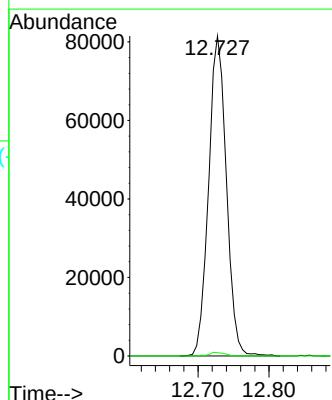
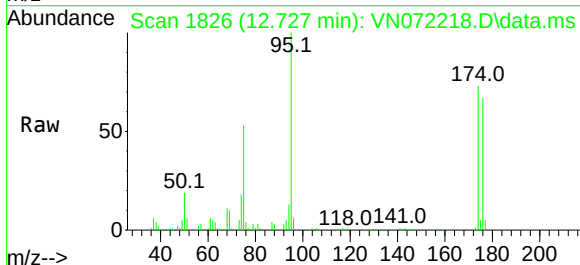
Instrument : MSVOA_N
ClientSampleId : COMP-95-98

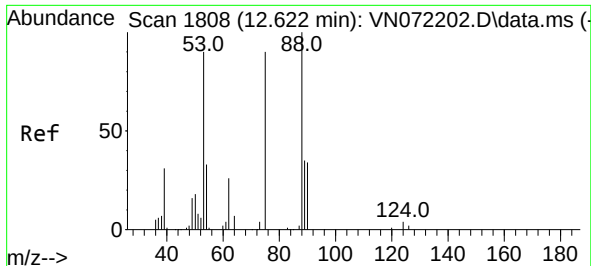
Tgt Ion: 83 Resp: 146
Ion Ratio Lower Upper
83 100
131 245.2 5.3 15.9#
85 0.0 32.3 96.9#



#76
1,2,3-Trichloropropane
Concen: 31.408 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072218.D
Acq: 27 Apr 2022 16:05

Tgt Ion: 75 Resp: 141833
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#

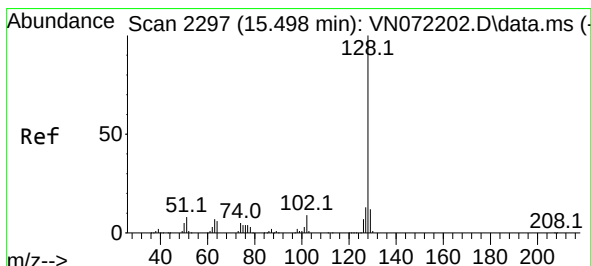
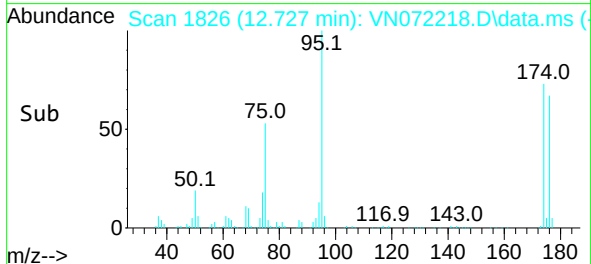
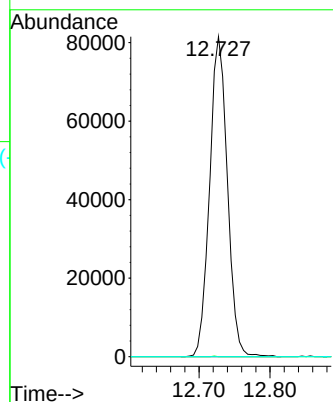
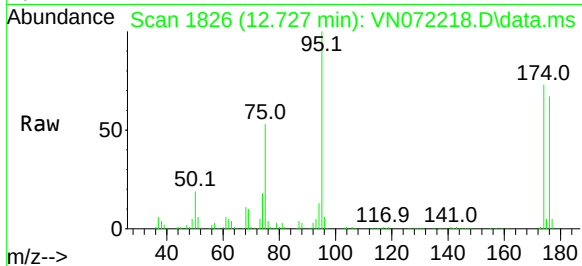




#81
 trans-1,4-Dichloro-2-butene
 Concen: 81.609 ug/l
 RT: 12.727 min Scan# 1808
 Delta R.T. 0.105 min
 Lab File: VN072218.D
 Acq: 27 Apr 2022 16:05

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-95-98

Tgt Ion: 75 Resp: 141833
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.0 117.0#
 89 0.0 37.2 55.8#



#95
 Naphthalene
 Concen: 4.386 ug/l
 RT: 15.504 min Scan# 2298
 Delta R.T. 0.006 min
 Lab File: VN072218.D
 Acq: 27 Apr 2022 16:05

Tgt Ion: 128 Resp: 987
 Ion Ratio Lower Upper
 128 100
 127 0.0 10.3 15.5#
 129 0.0 8.6 13.0#

