

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072226.D
 Acq On : 27 Apr 2022 19:17
 Operator : JC\MD
 Sample : N2575-06 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-95-98

Quant Time: Apr 28 06:06:26 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)

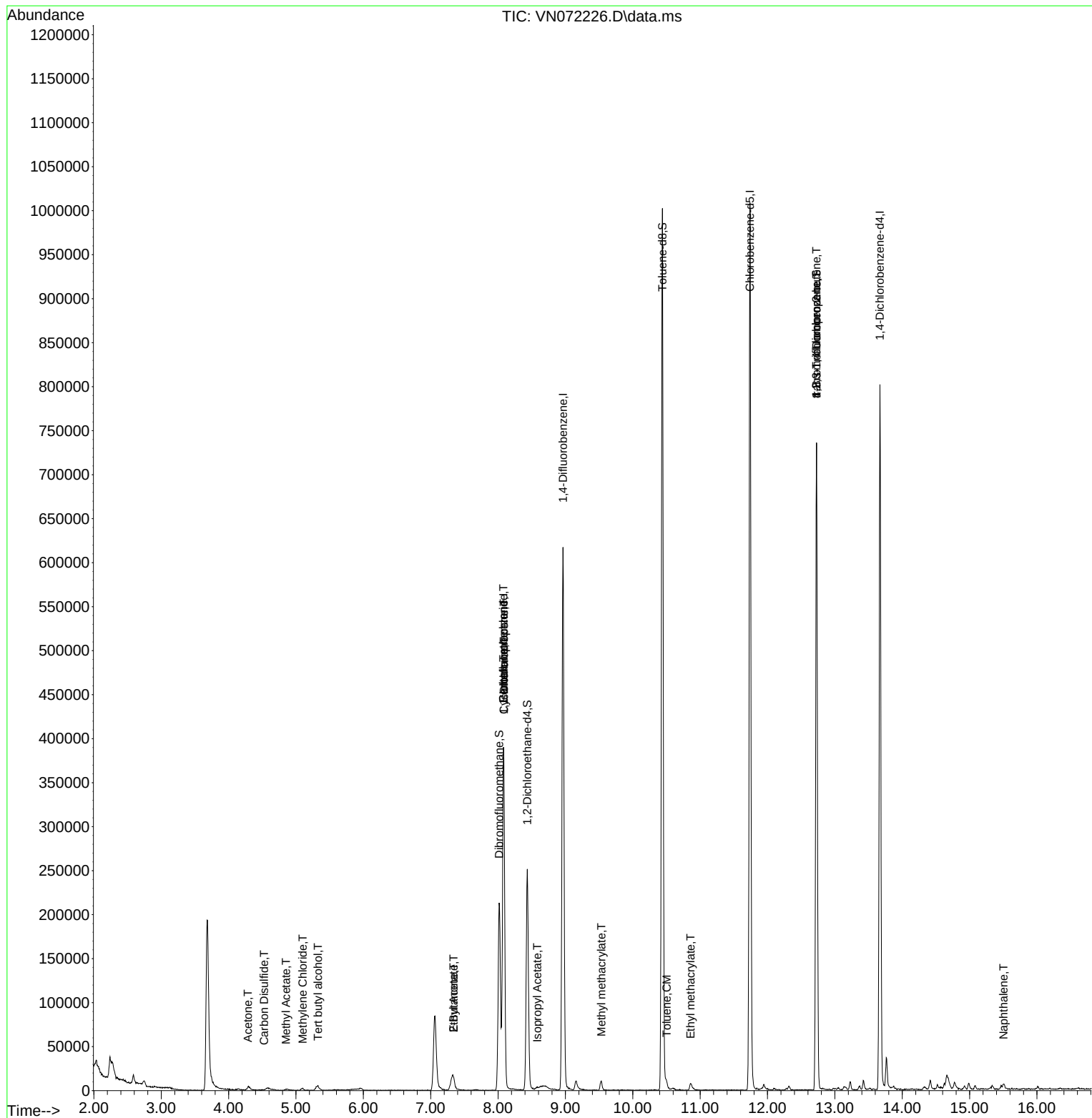
Internal Standards						
1) Pentafluorobenzene	8.081	168	280406	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	520546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	554259	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	208538	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	215545	50.070	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.140%			
35) Dibromofluoromethane	8.016	113	160619	48.208	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 96.420%			
50) Toluene-d8	10.439	98	673658	51.456	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.920%			
62) 4-Bromofluorobenzene	12.727	95	269969	62.127	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 124.260%			
Target Compounds						
3) Chloromethane	2.305	50	1792	Below Cal		95
5) Bromomethane	2.852	94	89	Below Cal	#	67
6) Chloroethane	3.069	64	723	Below Cal	#	42
11) Tert butyl alcohol	5.328	59	3914	5.533	ug/l #	72
16) Acetone	4.287	43	6213	3.348	ug/l #	80
17) Carbon Disulfide	4.528	76	132	0.384	ug/l #	75
18) Methyl Acetate	4.851	43	1707	0.289	ug/l #	69
20) Methylene Chloride	5.099	84	1638	0.460	ug/l #	67
25) 2-Butanone	7.340	43	25474	8.618	ug/l	89
31) Cyclohexane	8.087	56	6898	1.199	ug/l #	12
36) 1,1-Dichloropropene	8.087	75	24291	5.009	ug/l #	50
37) Ethyl Acetate	7.340	43	25474	3.955	ug/l #	67
38) Carbon Tetrachloride	8.081	117	30161	5.807	ug/l #	16
43) Isopropyl Acetate	8.581	43	2449	1.039	ug/l #	53
48) Methyl methacrylate	9.534	41	3331	0.783	ug/l #	40
52) Toluene	10.504	92	2036	0.226	ug/l	96
56) Ethyl methacrylate	10.857	69	173	2.390	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.727	83	142	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	145926	31.143	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	145926	80.910	ug/l #	11
95) Naphthalene	15.504	128	3291	4.578	ug/l #	91

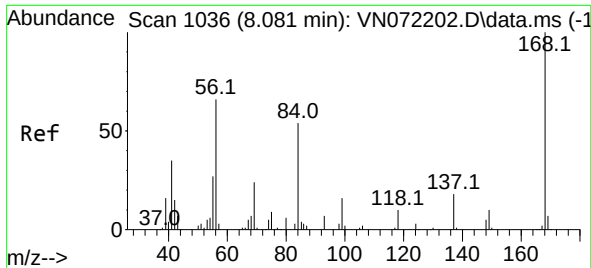
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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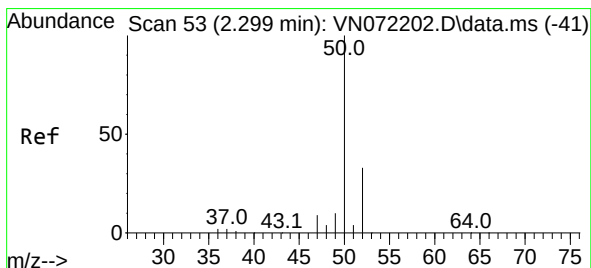
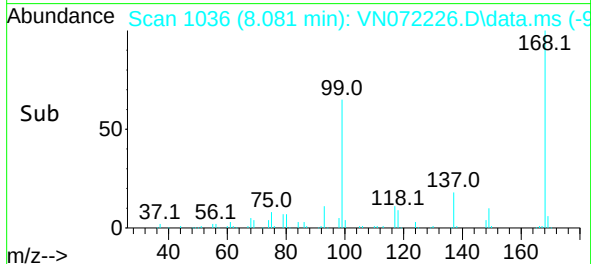
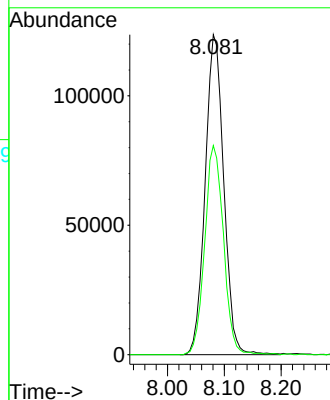
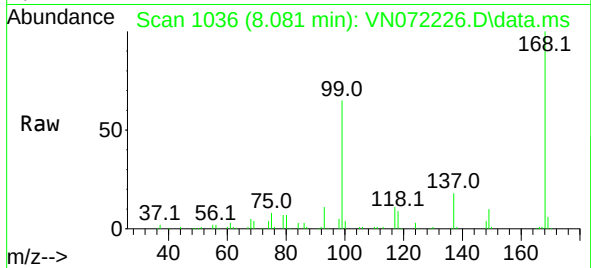




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

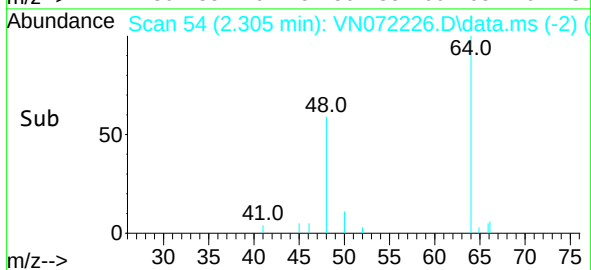
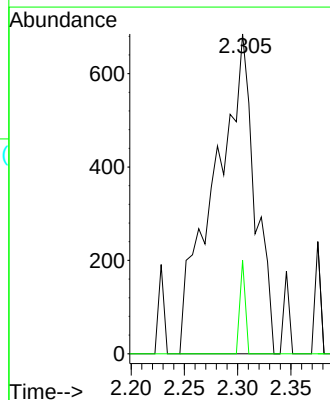
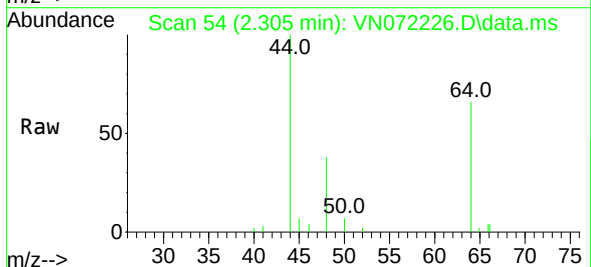
Instrument :
MSVOA_N
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COMP-95-98

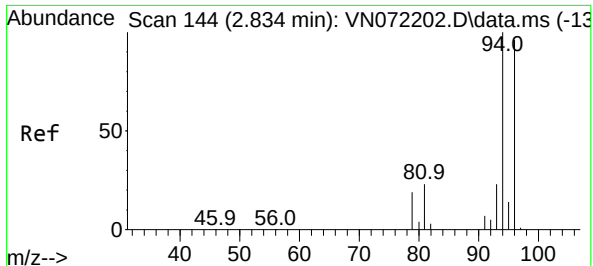
Tgt Ion:168 Resp: 280406
Ion Ratio Lower Upper
168 100
99 65.3 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.305 min Scan# 54
Delta R.T. 0.006 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Tgt Ion: 50 Resp: 1792
Ion Ratio Lower Upper
50 100
52 29.2 25.7 38.5





#5

Bromomethane

Concen: Below Cal

RT: 2.852 min Scan# 144

Delta R.T. 0.018 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

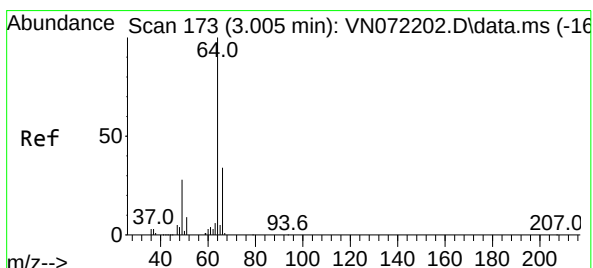
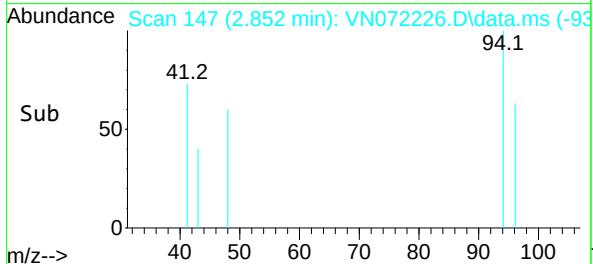
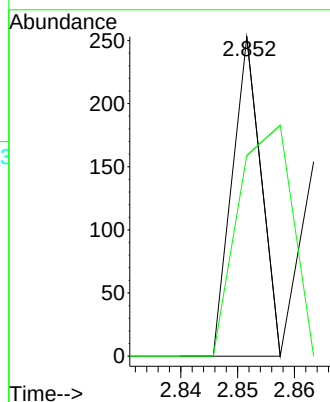
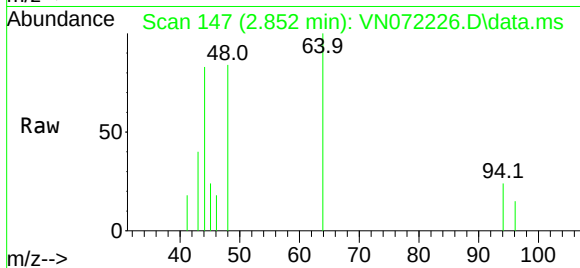
COMP-95-98

Tgt Ion: 94 Resp: 89

Ion Ratio Lower Upper

94 100

96 62.8 76.0 114.0#



#6

Chloroethane

Concen: Below Cal

RT: 3.069 min Scan# 184

Delta R.T. 0.064 min

Lab File: VN072226.D

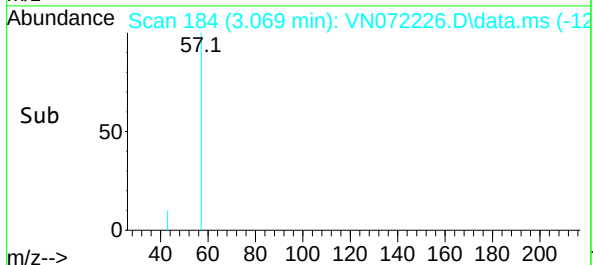
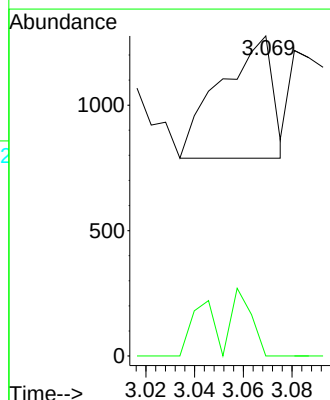
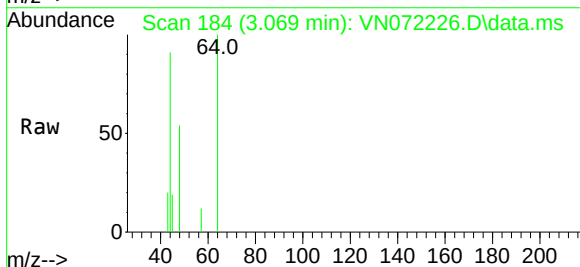
Acq: 27 Apr 2022 19:17

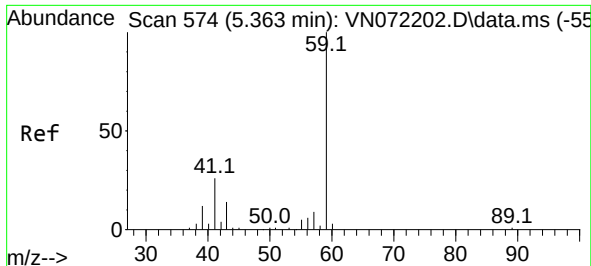
Tgt Ion: 64 Resp: 723

Ion Ratio Lower Upper

64 100

66 0.0 26.2 39.4#

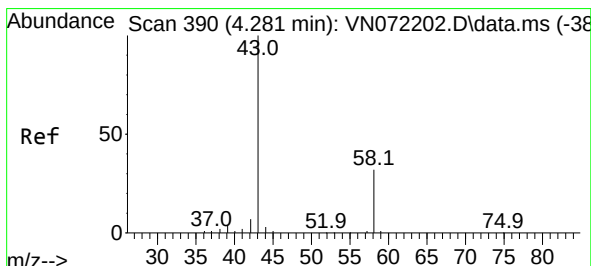
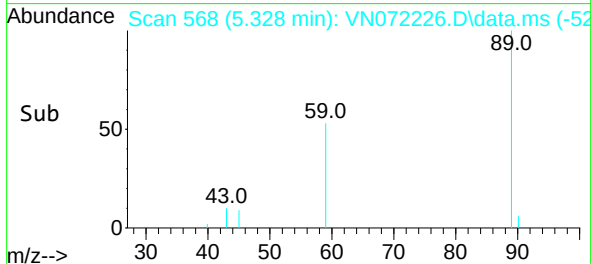
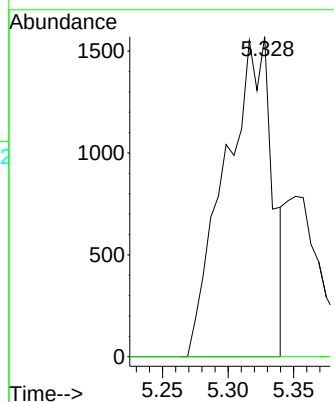
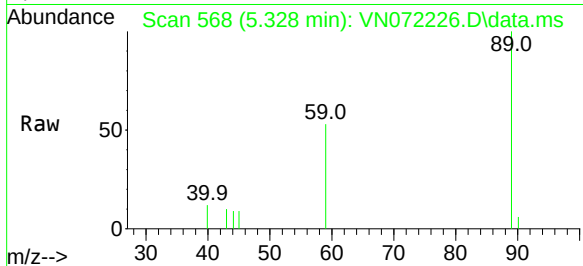




#11
Tert butyl alcohol
Concen: 5.533 ug/l
RT: 5.328 min Scan# 50
Delta R.T. -0.035 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

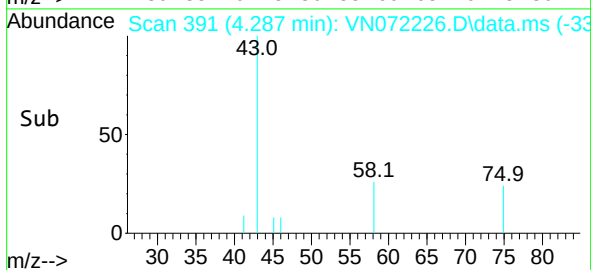
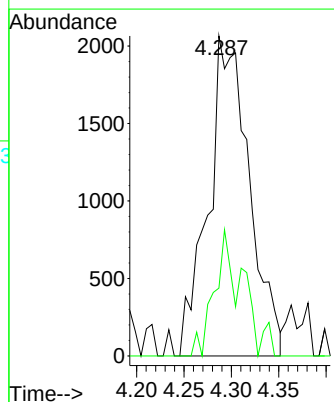
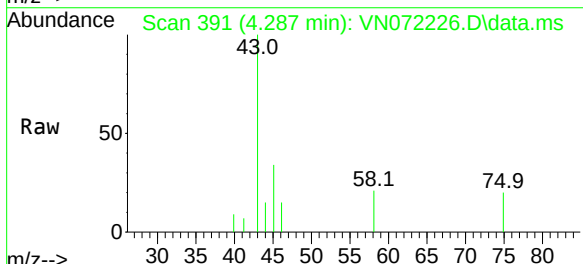
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

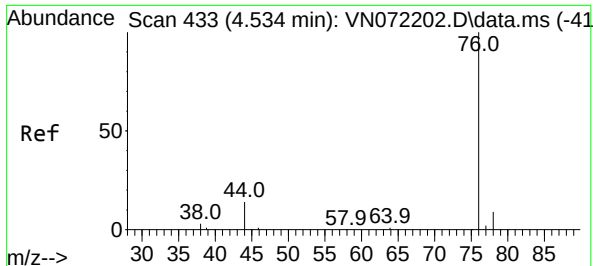
Tgt Ion: 59 Resp: 3914
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#16
Acetone
Concen: 3.348 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Tgt Ion: 43 Resp: 6213
Ion Ratio Lower Upper
43 100
58 21.2 26.0 39.0#





#17

Carbon Disulfide

Concen: 0.384 ug/l

RT: 4.528 min Scan# 41

Delta R.T. -0.006 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

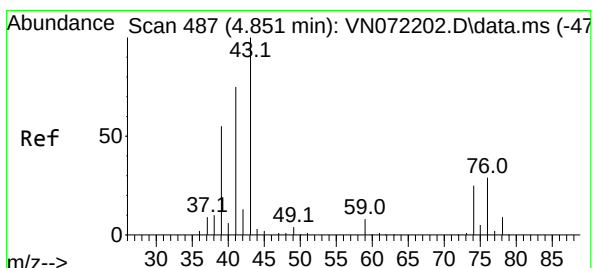
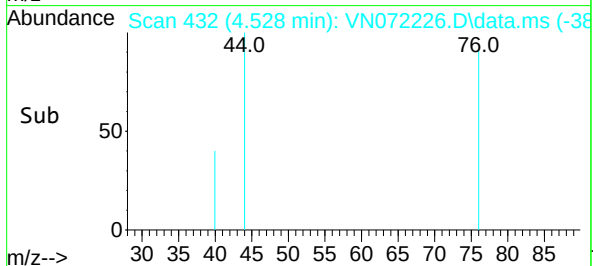
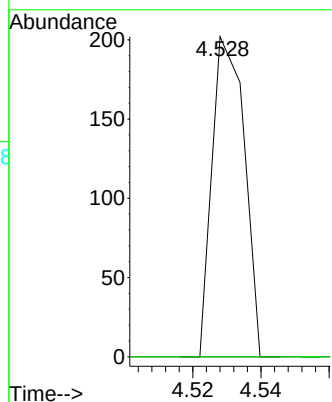
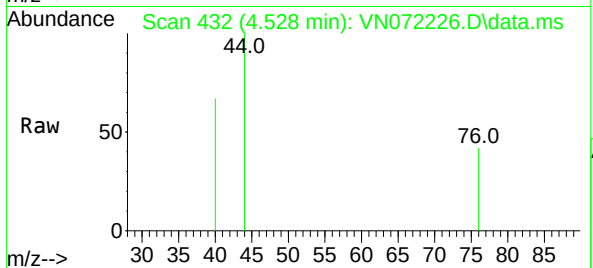
COMP-95-98

Tgt Ion: 76 Resp: 132

Ion Ratio Lower Upper

76 100

78 0.0 7.2 10.8#



#18

Methyl Acetate

Concen: 0.289 ug/l

RT: 4.851 min Scan# 487

Delta R.T. 0.000 min

Lab File: VN072226.D

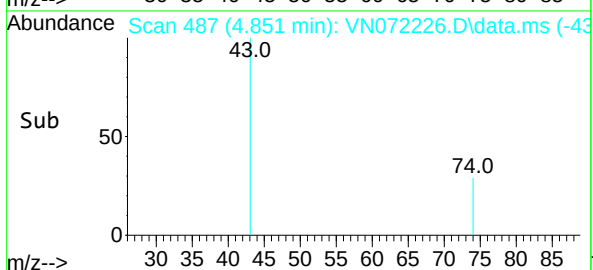
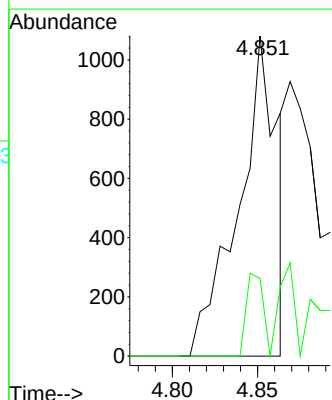
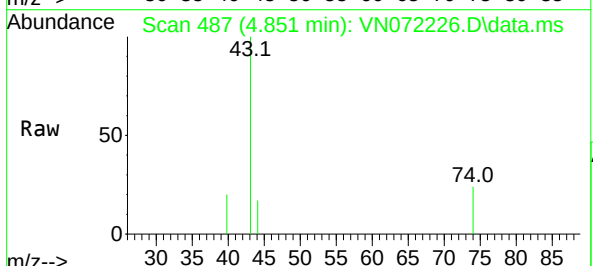
Acq: 27 Apr 2022 19:17

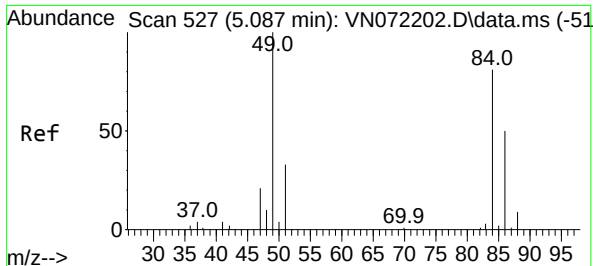
Tgt Ion: 43 Resp: 1707

Ion Ratio Lower Upper

43 100

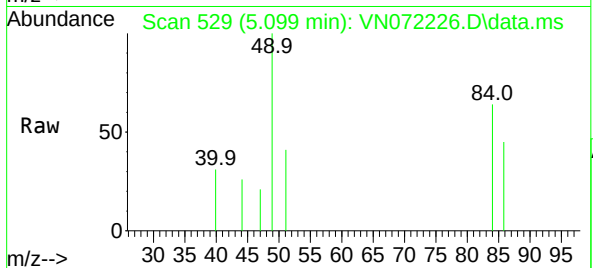
74 11.2 21.6 32.4#



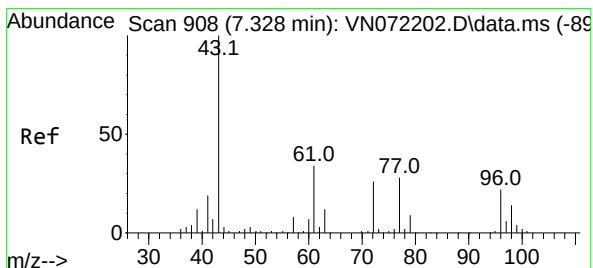
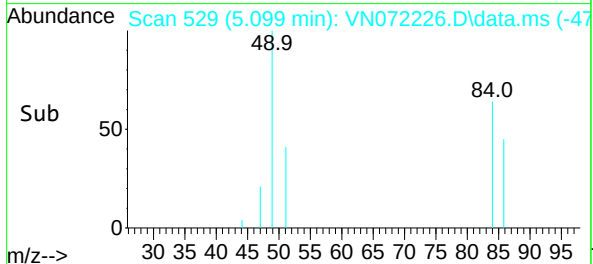
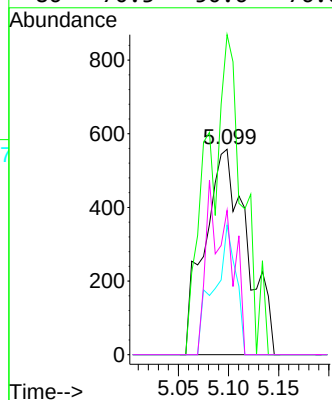


#20
Methylene Chloride
Concen: 0.460 ug/l
RT: 5.099 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

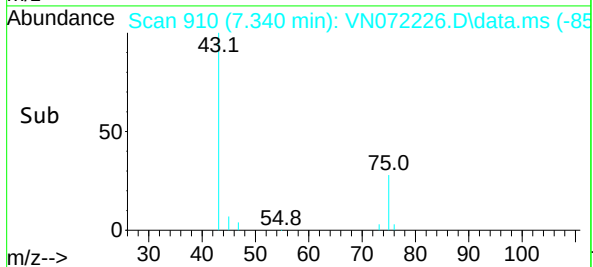
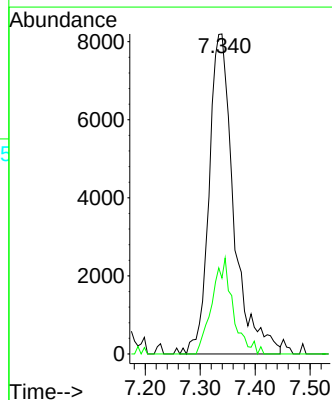
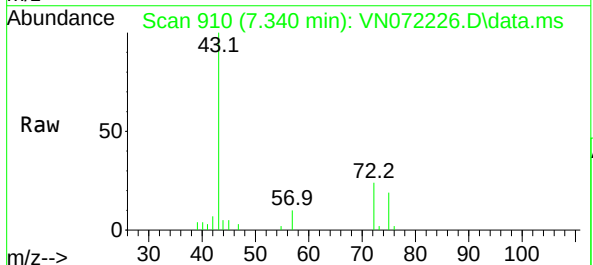


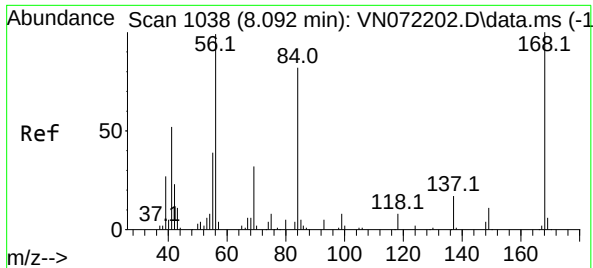
Tgt Ion:	84	Resp:	1638
Ion	Ratio	Lower	Upper
84	100		
49	155.7	88.3	132.5#
51	63.1	28.2	42.2#
86	70.3	50.6	76.0



#25
2-Butanone
Concen: 8.618 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.012 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

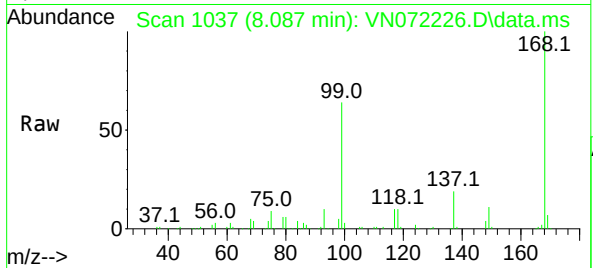
Tgt Ion:	43	Resp:	25474
Ion	Ratio	Lower	Upper
43	100		
72	23.7	23.7	35.5



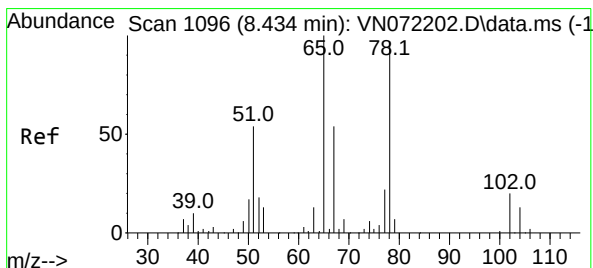
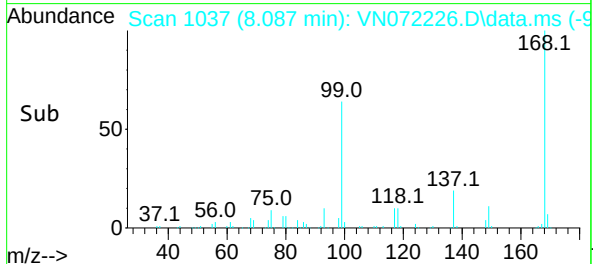
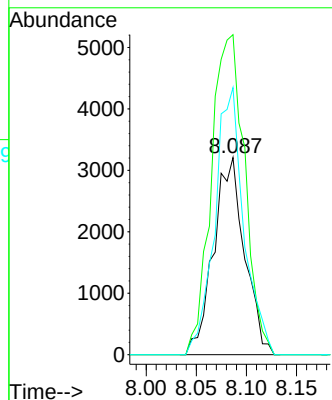


#31
Cyclohexane
Concen: 1.199 ug/l
RT: 8.087 min Scan# 1037
Delta R.T. -0.005 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

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COMP-95-98

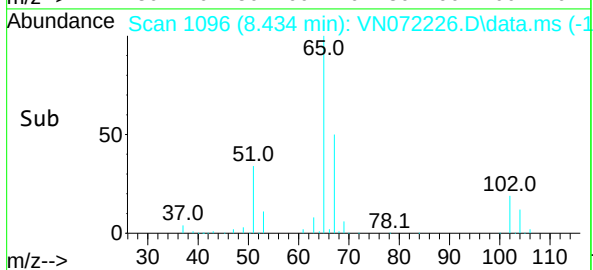
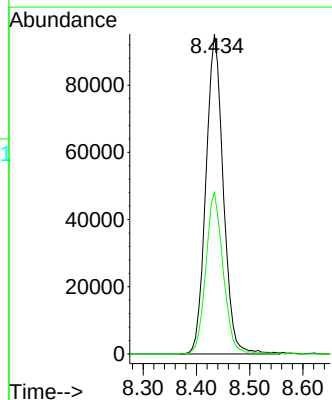
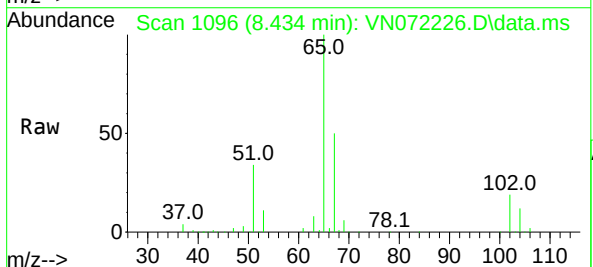


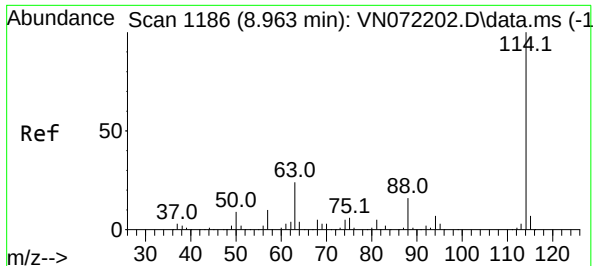
Tgt Ion: 56 Resp: 6898
Ion Ratio Lower Upper
56 100
69 162.3 27.8 41.8#
84 135.4 76.9 115.3#



#33
1,2-Dichloroethane-d4
Concen: 50.070 ug/l
RT: 8.434 min Scan# 1096
Delta R.T. -0.000 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Tgt Ion: 65 Resp: 215545
Ion Ratio Lower Upper
65 100
67 50.2 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: VN072226.D

Acq: 27 Apr 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98

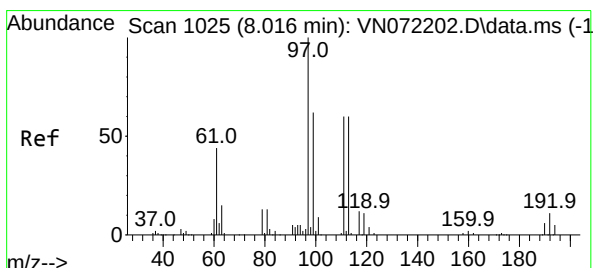
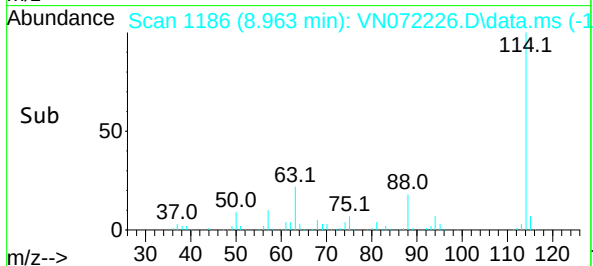
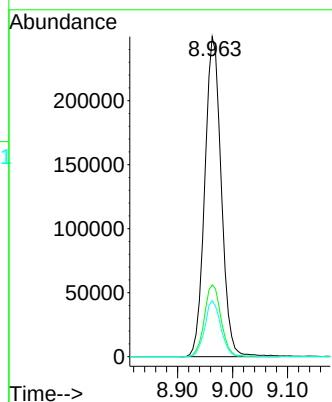
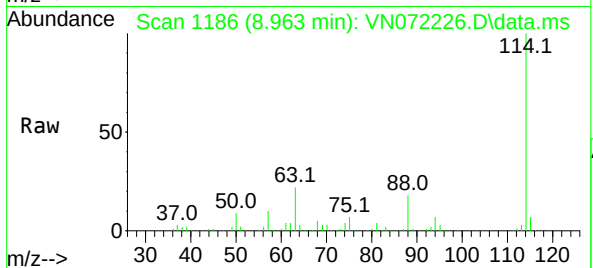
Tgt Ion:114 Resp: 520546

Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.0

88 17.5 0.0 32.6



#35

Dibromofluoromethane

Concen: 48.208 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

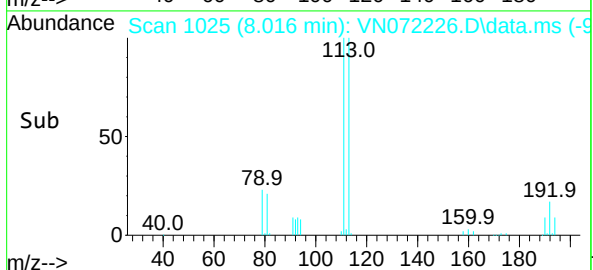
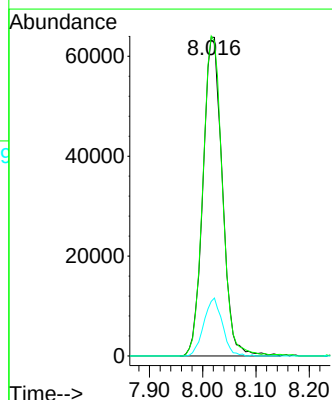
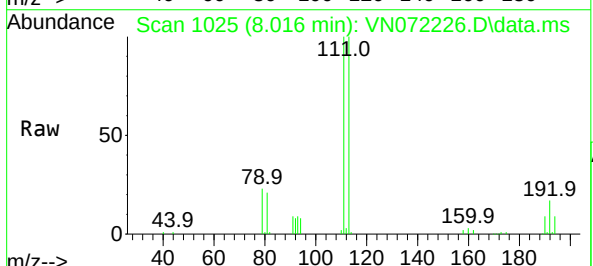
Tgt Ion:113 Resp: 160619

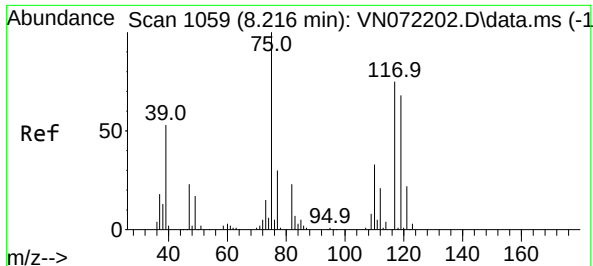
Ion Ratio Lower Upper

113 100

111 100.6 81.4 122.0

192 17.4 17.0 25.6





#36

1,1-Dichloropropene

Concen: 5.009 ug/l

RT: 8.087 min Scan# 1059

Delta R.T. -0.129 min

Lab File: VN072226.D

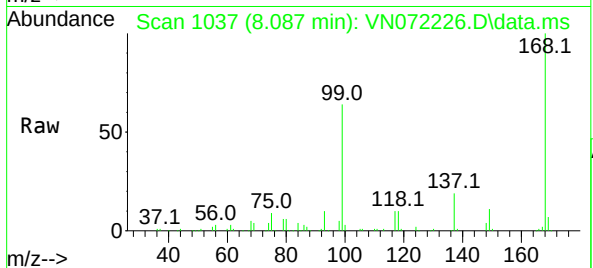
Acq: 27 Apr 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98



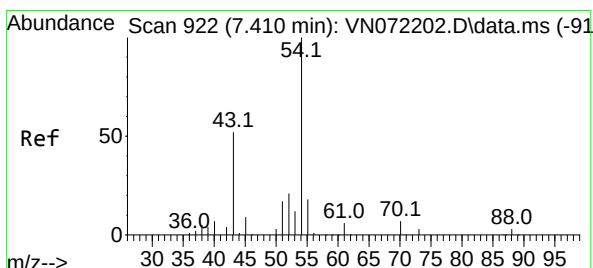
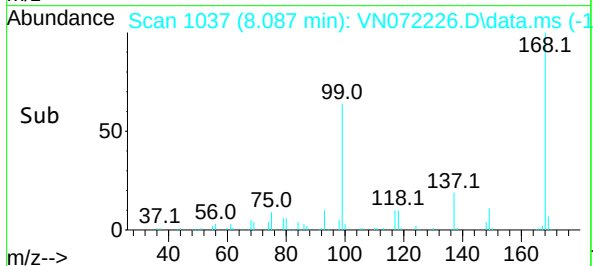
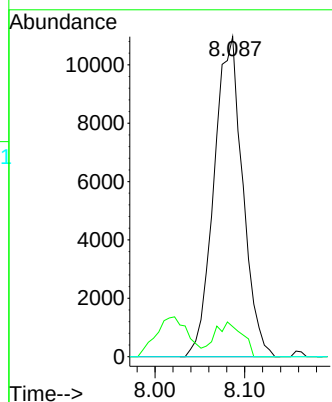
Tgt Ion: 75 Resp: 24291

Ion Ratio Lower Upper

75 100

110 10.5 18.3 54.8#

77 0.0 25.1 37.7#



#37

Ethyl Acetate

Concen: 3.955 ug/l

RT: 7.340 min Scan# 910

Delta R.T. -0.070 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

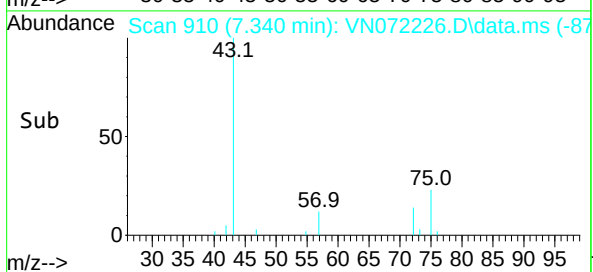
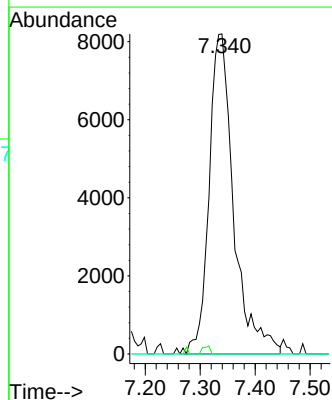
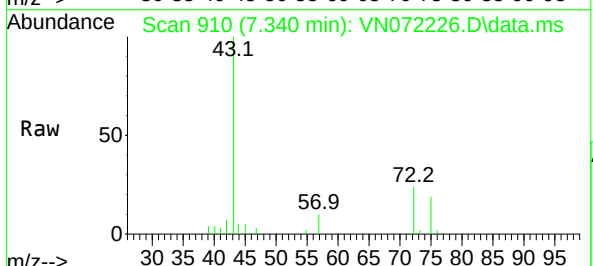
Tgt Ion: 43 Resp: 25474

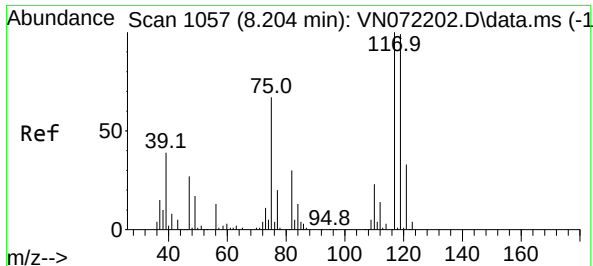
Ion Ratio Lower Upper

43 100

61 0.0 11.8 17.6#

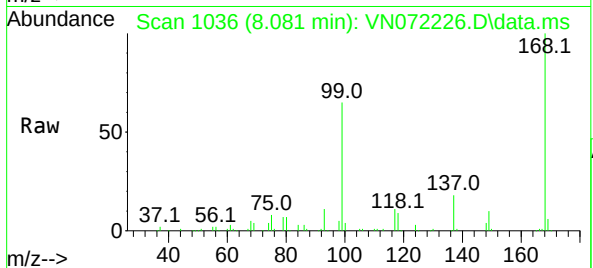
70 0.0 9.3 13.9#



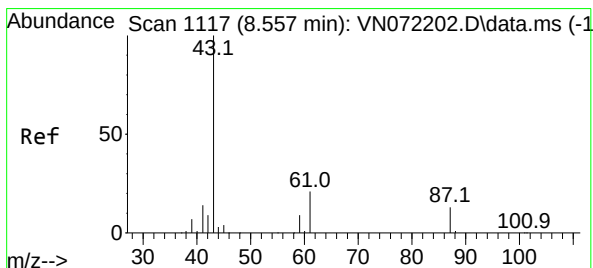
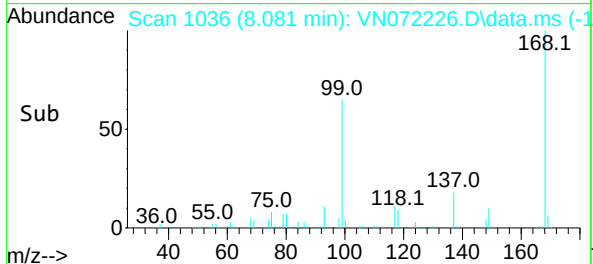
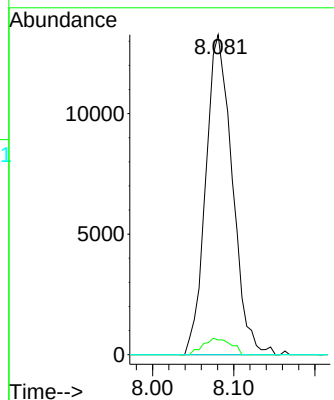


#38
Carbon Tetrachloride
Concen: 5.807 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

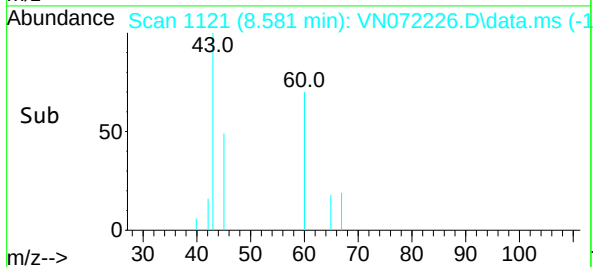
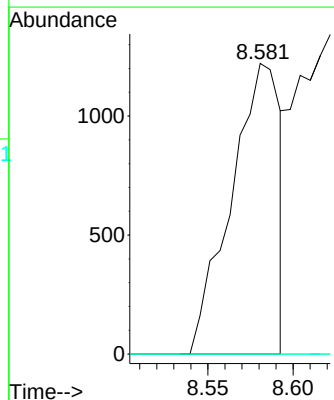
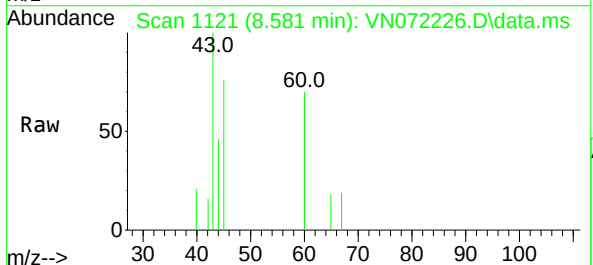


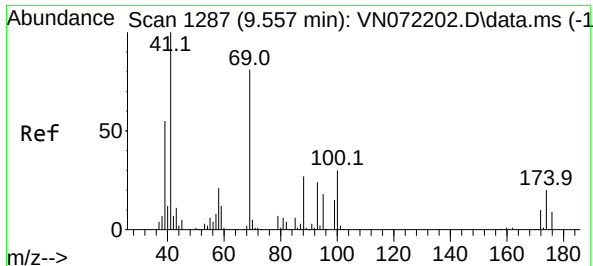
Tgt Ion: 117 Resp: 30161
Ion Ratio Lower Upper
117 100
119 4.6 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.039 ug/l
RT: 8.581 min Scan# 1121
Delta R.T. 0.024 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Tgt Ion: 43 Resp: 2449
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#48

Methyl methacrylate

Concen: 0.783 ug/l

RT: 9.534 min Scan# 1283

Delta R.T. -0.023 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98

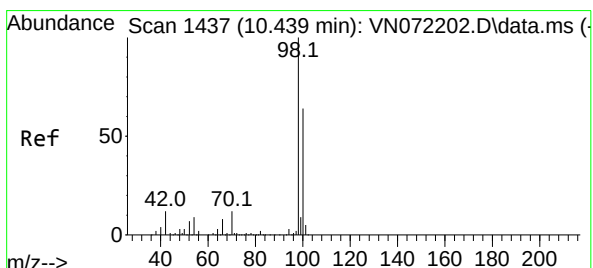
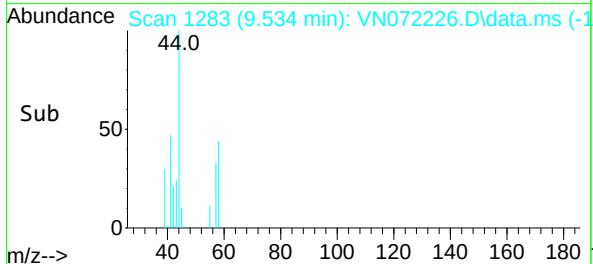
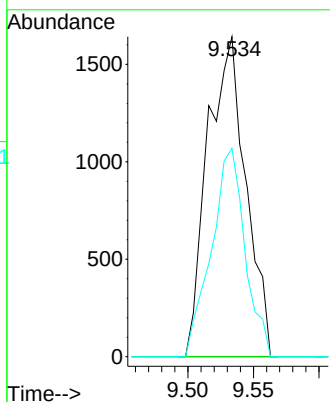
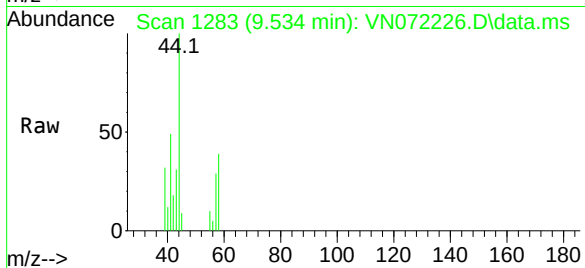
Tgt Ion: 41 Resp: 3331

Ion Ratio Lower Upper

41 100

69 0.0 74.7 112.1#

39 57.2 45.6 68.4



#50

Toluene-d8

Concen: 51.456 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072226.D

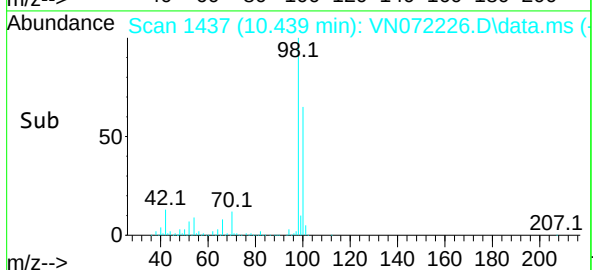
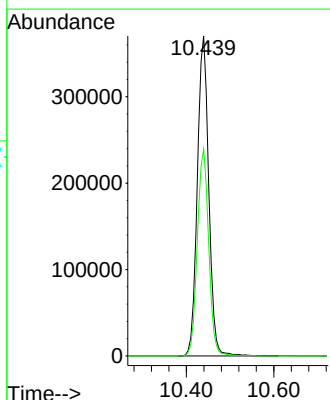
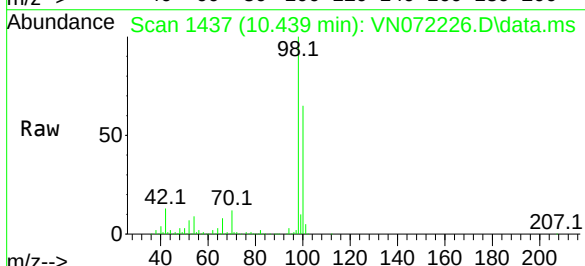
Acq: 27 Apr 2022 19:17

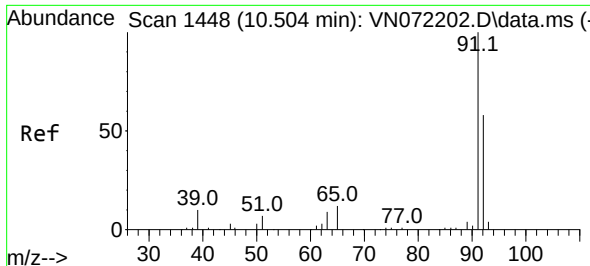
Tgt Ion: 98 Resp: 673658

Ion Ratio Lower Upper

98 100

100 64.3 52.6 78.8

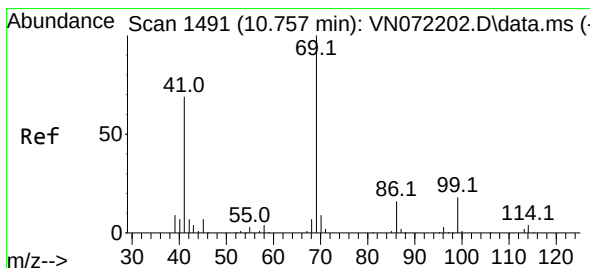
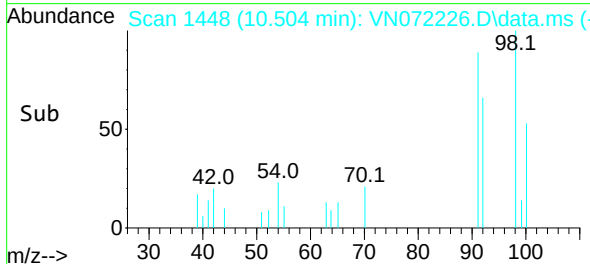
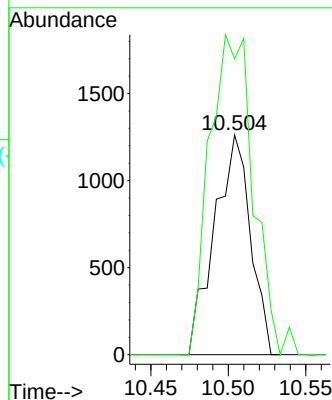
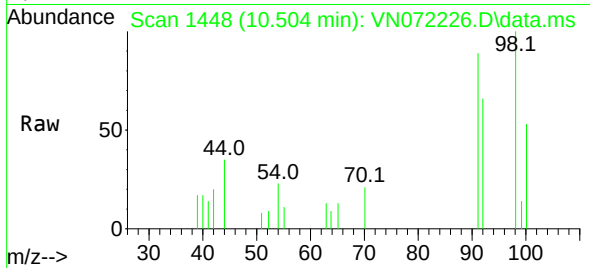




#52
Toluene
Concen: 0.226 ug/l
RT: 10.504 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

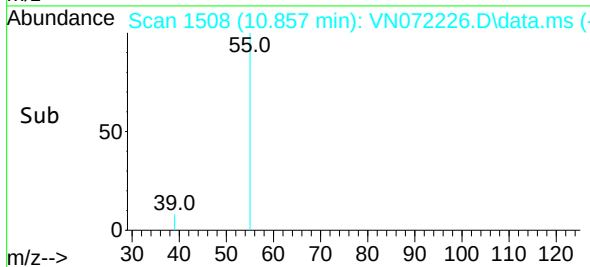
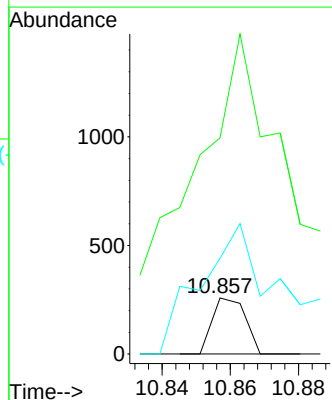
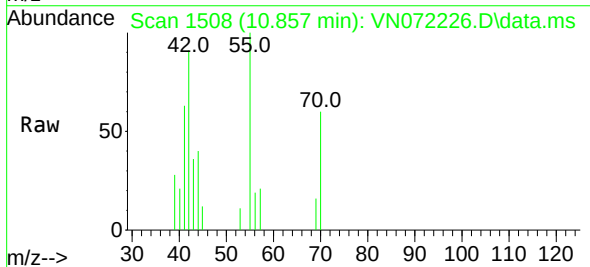
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

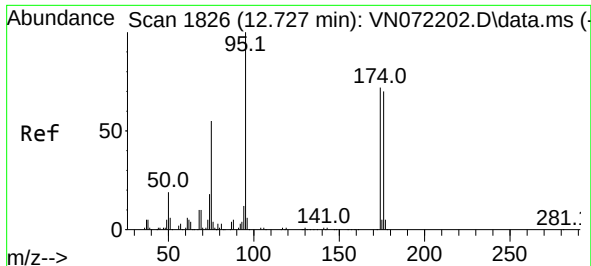
Tgt Ion: 92 Resp: 2036
Ion Ratio Lower Upper
92 100
91 178.6 138.6 207.8



#56
Ethyl methacrylate
Concen: 2.390 ug/l
RT: 10.857 min Scan# 1508
Delta R.T. 0.100 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Tgt Ion: 69 Resp: 173
Ion Ratio Lower Upper
69 100
41 1891.3 47.8 71.6#
39 668.8 27.3 40.9#

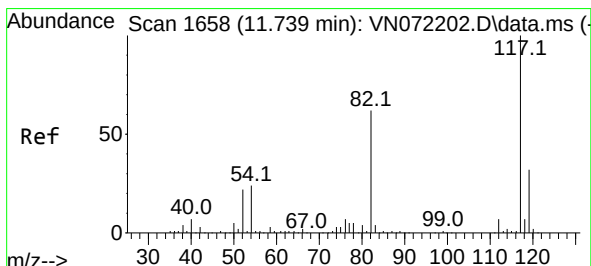
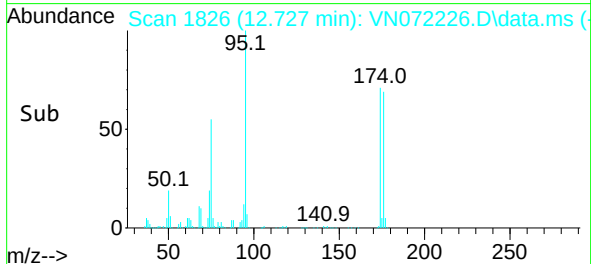
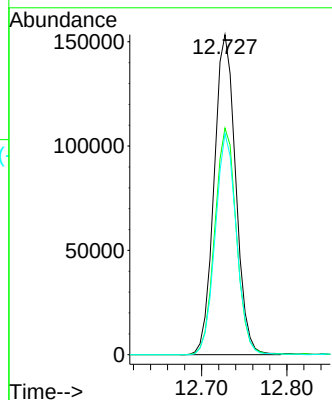
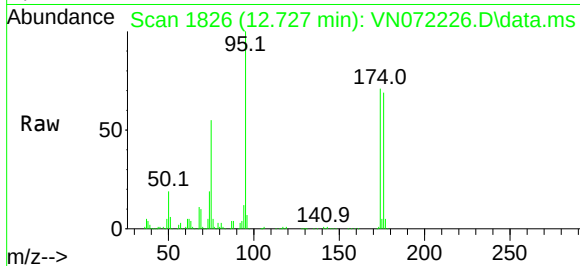




#62
4-Bromofluorobenzene
Concen: 62.127 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

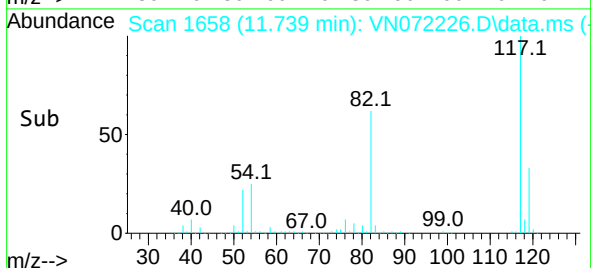
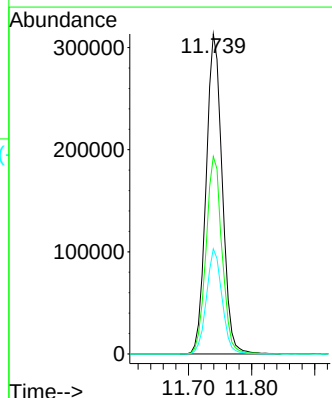
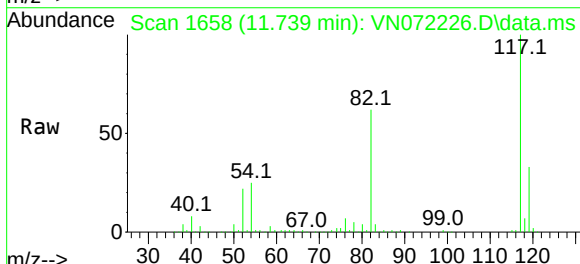
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

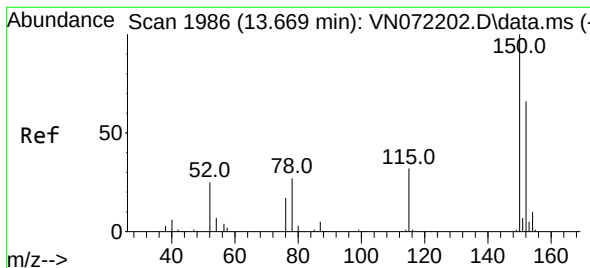
Tgt Ion: 95 Resp: 269969
Ion Ratio Lower Upper
95 100
174 70.8 0.0 167.6
176 67.9 0.0 163.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

Tgt Ion: 117 Resp: 554259
Ion Ratio Lower Upper
117 100
82 61.7 44.2 66.2
119 32.8 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.669 min Scan# 1986

Delta R.T. -0.000 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

Instrument :

MSVOA_N

ClientSampleId :

COMP-95-98

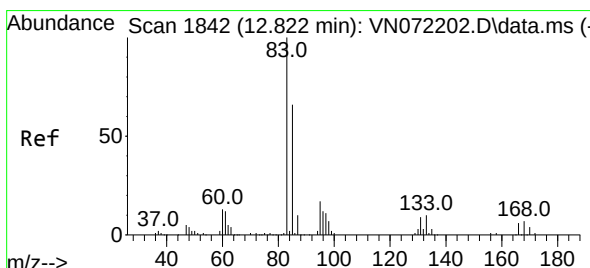
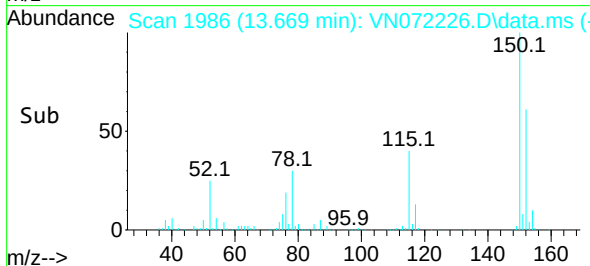
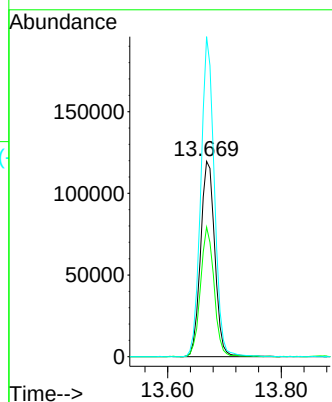
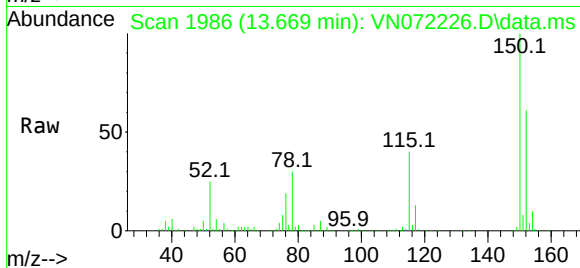
Tgt Ion:152 Resp: 208538

Ion Ratio Lower Upper

152 100

115 63.5 28.9 86.7

150 155.2 0.0 356.2



#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 12.727 min Scan# 1826

Delta R.T. -0.095 min

Lab File: VN072226.D

Acq: 27 Apr 2022 19:17

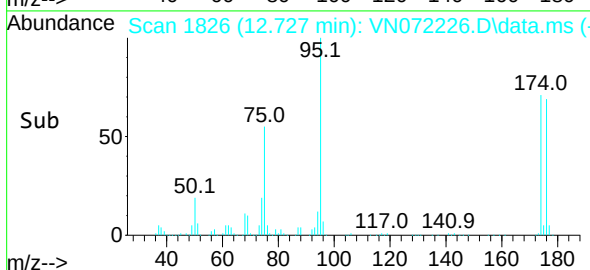
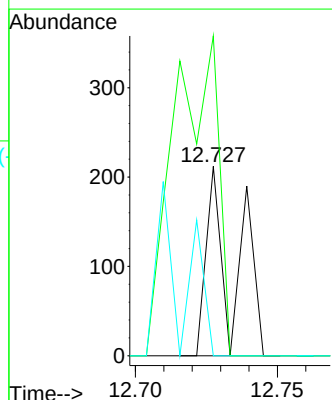
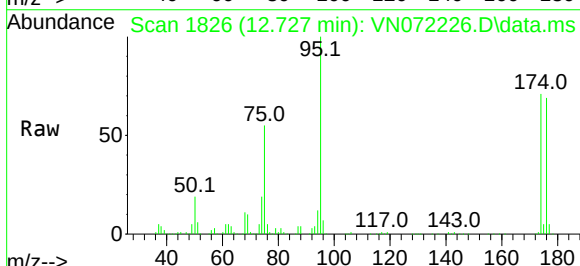
Tgt Ion: 83 Resp: 142

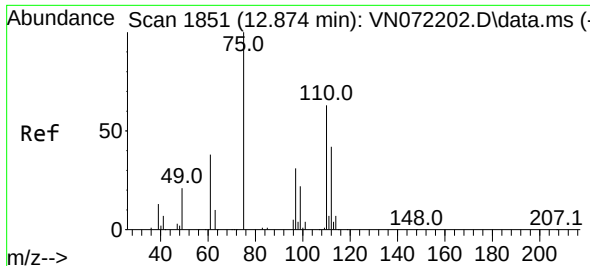
Ion Ratio Lower Upper

83 100

131 272.5 5.3 15.9#

85 85.9 32.3 96.9

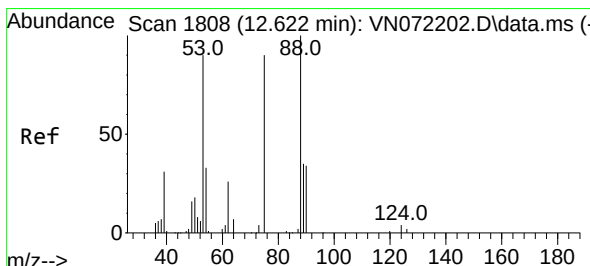
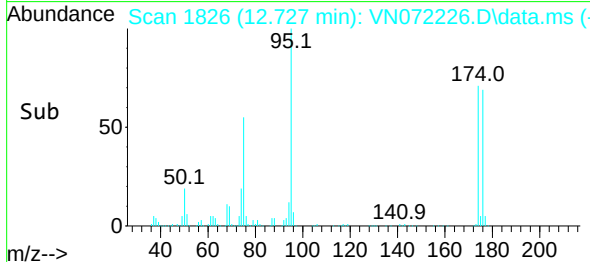
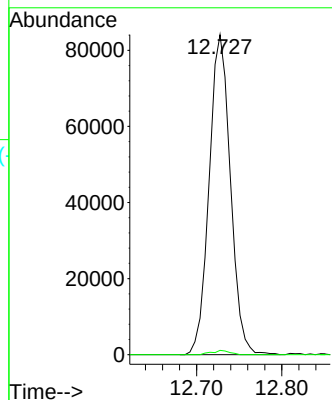
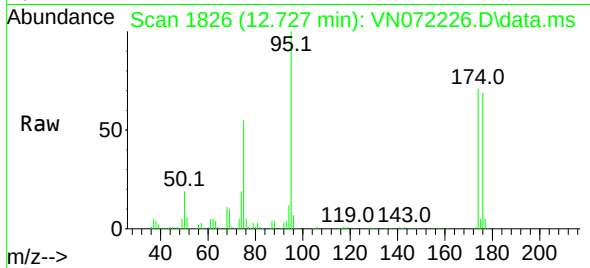




#76
1,2,3-Trichloropropane
Concen: 31.143 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

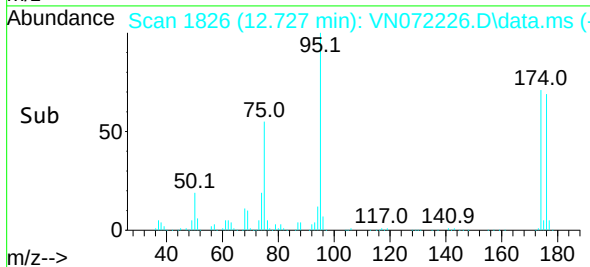
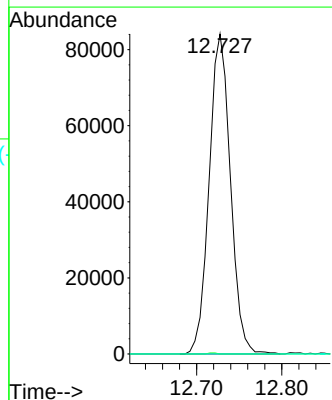
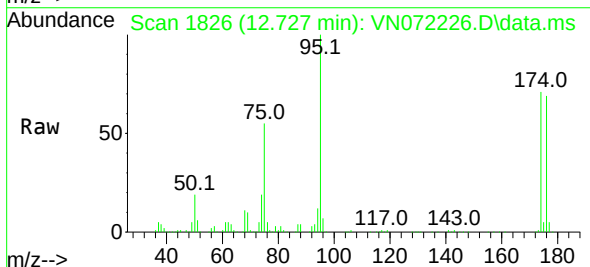
Instrument :
MSVOA_N
ClientSampleId :
COMP-95-98

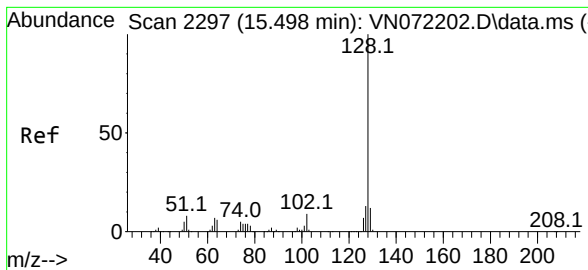
Tgt Ion: 75 Resp: 145926
Ion Ratio Lower Upper
75 100
77 1.1 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 80.910 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072226.D
Acq: 27 Apr 2022 19:17

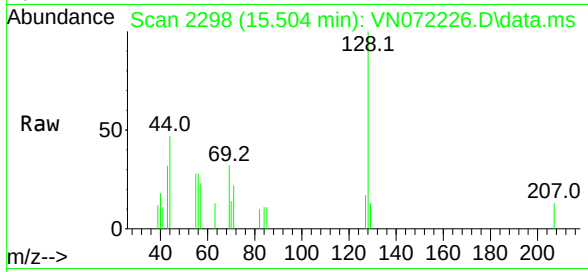
Tgt Ion: 75 Resp: 145926
Ion Ratio Lower Upper
75 100
53 0.1 78.0 117.0#
89 0.0 37.2 55.8#





#95
 Naphthalene
 Concen: 4.578 ug/l
 RT: 15.504 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN072226.D
 Acq: 27 Apr 2022 19:17

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-95-98



Tgt Ion:128 Resp: 3291
 Ion Ratio Lower Upper
 128 100
 127 8.5 10.3 15.5#
 129 8.0 8.6 13.0#

