

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042722\
 Data File : VN072221.D
 Acq On : 27 Apr 2022 17:17
 Operator : JC\MD
 Sample : N2575-09 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31797

Quant Time: Apr 28 06:05:14 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)

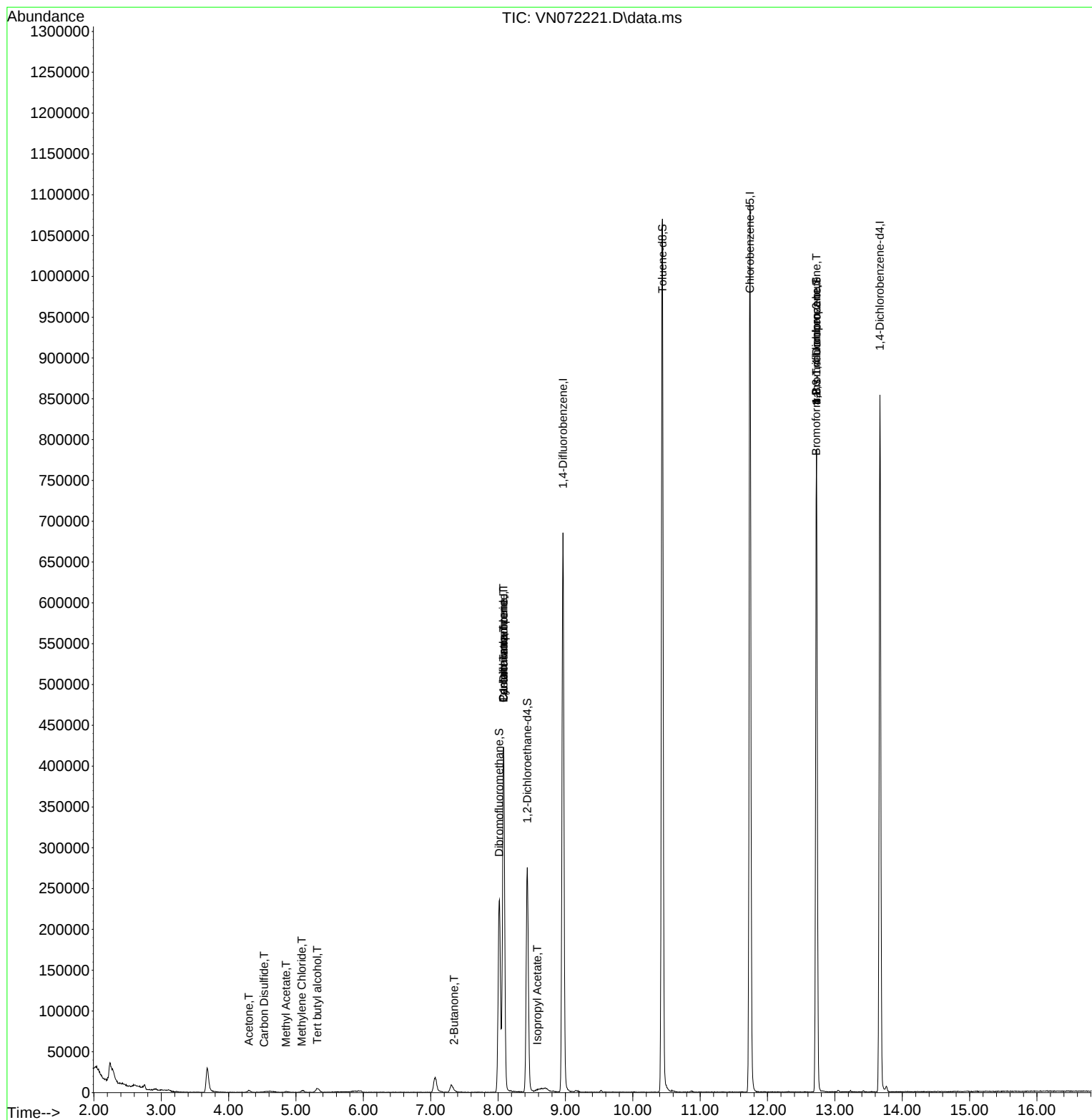
Internal Standards						
1) Pentafluorobenzene	8.081	168	304874	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.963	114	571186	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	602009	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	221390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	236911	50.617	ug/l	0.00
Spiked Amount	50.000	Range 61 - 141	Recovery	= 101.240%		
35) Dibromofluoromethane	8.016	113	177142	48.454	ug/l	0.00
Spiked Amount	50.000	Range 69 - 133	Recovery	= 96.900%		
50) Toluene-d8	10.439	98	736625	51.277	ug/l	0.00
Spiked Amount	50.000	Range 65 - 126	Recovery	= 102.560%		
62) 4-Bromofluorobenzene	12.727	95	280183	58.761	ug/l	0.00
Spiked Amount	50.000	Range 58 - 135	Recovery	= 117.520%		
Target Compounds						
						Qvalue
3) Chloromethane	2.299	50	1270	Below Cal	#	43
5) Bromomethane	2.881	94	95	Below Cal	#	77
11) Tert butyl alcohol	5.316	59	5291	6.879	ug/l #	72
16) Acetone	4.298	43	1748	0.866	ug/l	89
17) Carbon Disulfide	4.528	76	73	0.374	ug/l #	75
18) Methyl Acetate	4.851	43	2316	0.371	ug/l #	63
20) Methylene Chloride	5.087	84	838	0.217	ug/l #	53
25) 2-Butanone	7.345	43	5777	1.798	ug/l #	84
31) Cyclohexane	8.081	56	7454	1.192	ug/l #	45
36) 1,1-Dichloropropene	8.081	75	26945	5.064	ug/l #	48
38) Carbon Tetrachloride	8.081	117	33900	5.948	ug/l #	17
43) Isopropyl Acetate	8.580	43	2692	1.040	ug/l #	53
71) Bromoform	12.721	173	1239	0.363	ug/l #	28
75) 1,1,2,2-Tetrachloroethane	12.727	83	70	Below Cal	#	1
76) 1,2,3-Trichloropropane	12.727	75	152517	30.667	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.727	75	152517	79.656	ug/l #	10

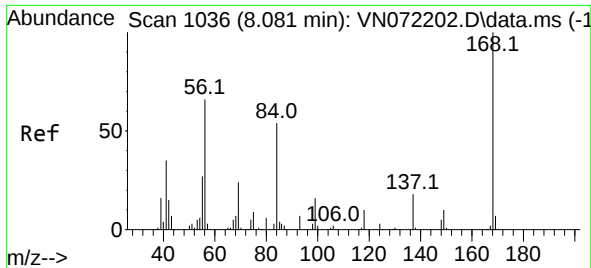
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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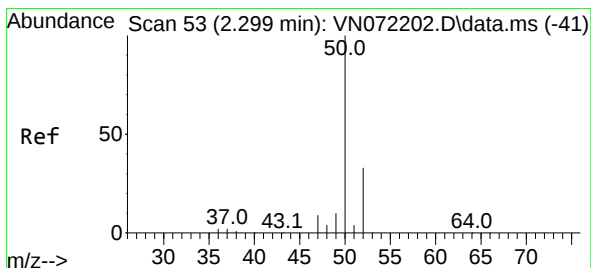
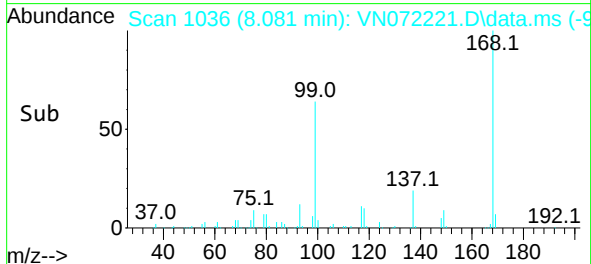
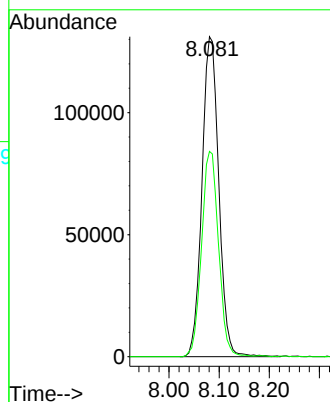
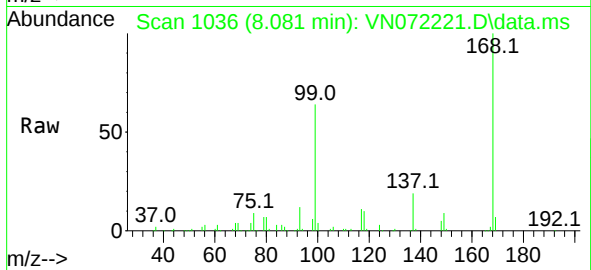




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

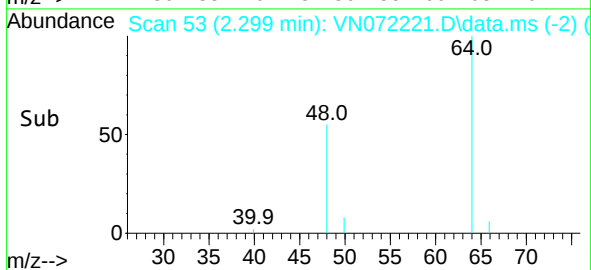
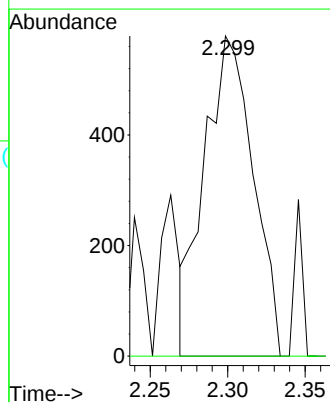
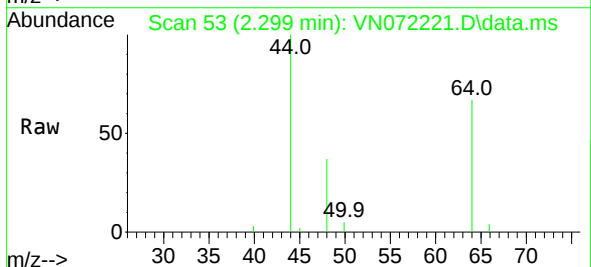
Instrument :
MSVOA_N
ClientSampleId :
31797

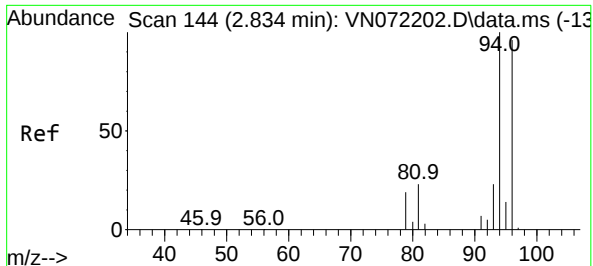
Tgt Ion:168 Resp: 304874
Ion Ratio Lower Upper
168 100
99 64.2 42.3 63.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.299 min Scan# 53
Delta R.T. -0.000 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion: 50 Resp: 1270
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

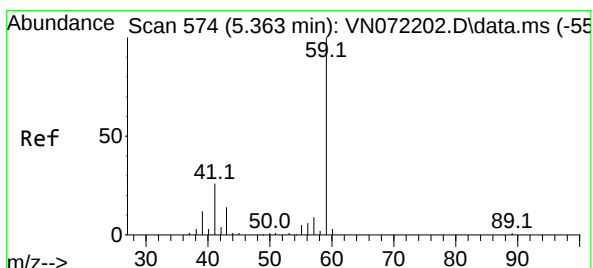
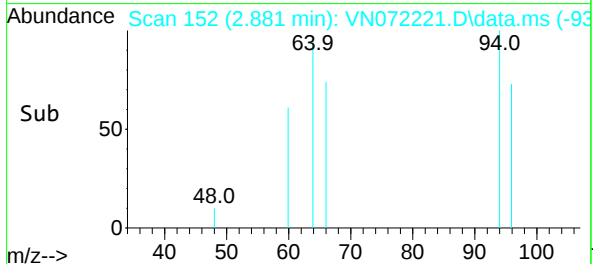
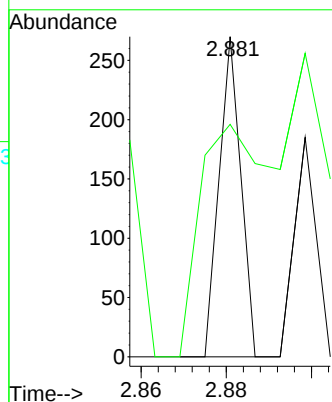
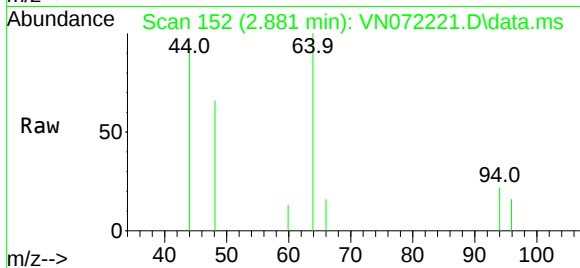




#5
Bromomethane
Concen: Below Cal
RT: 2.881 min Scan# 11
Delta R.T. 0.047 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

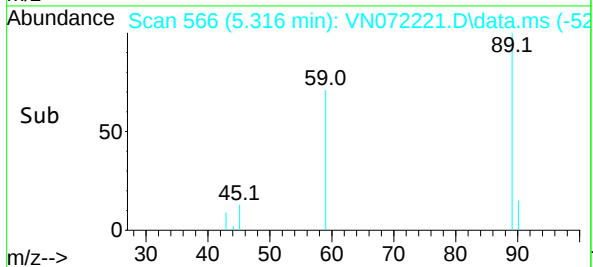
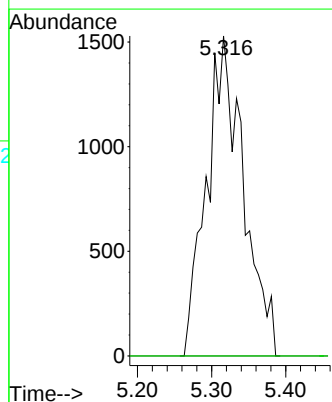
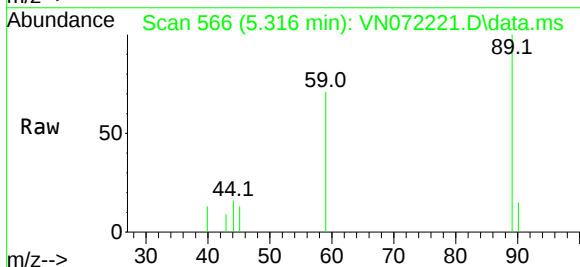
Instrument :
MSVOA_N
ClientSampleId :
31797

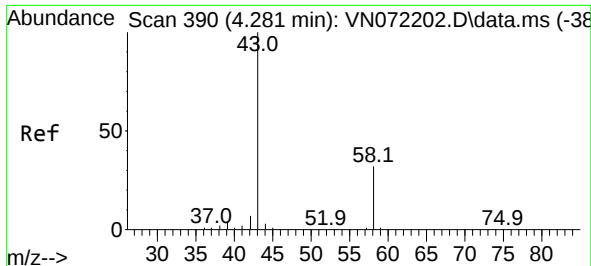
Tgt Ion: 94 Resp: 95
Ion Ratio Lower Upper
94 100
96 72.6 76.0 114.0#



#11
Tert butyl alcohol
Concen: 6.879 ug/l
RT: 5.316 min Scan# 566
Delta R.T. -0.047 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion: 59 Resp: 5291
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

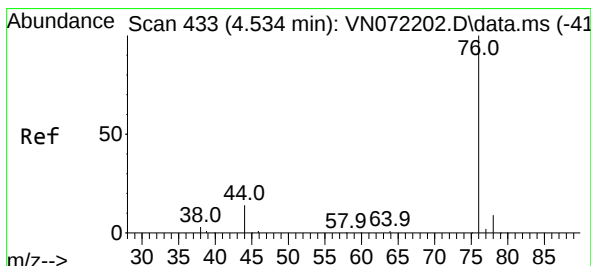
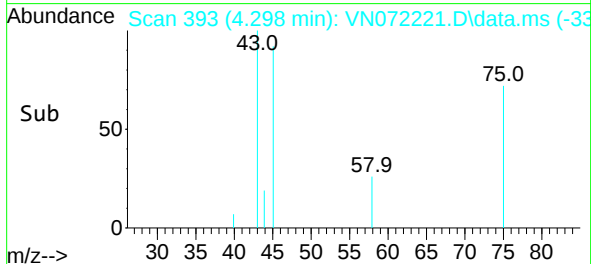
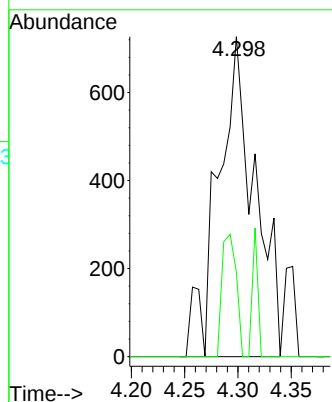
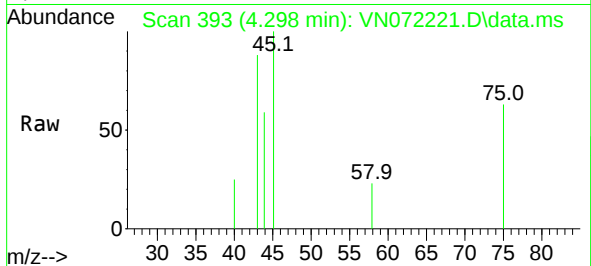




#16
Acetone
Concen: 0.866 ug/l
RT: 4.298 min Scan# 391
Delta R.T. 0.017 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

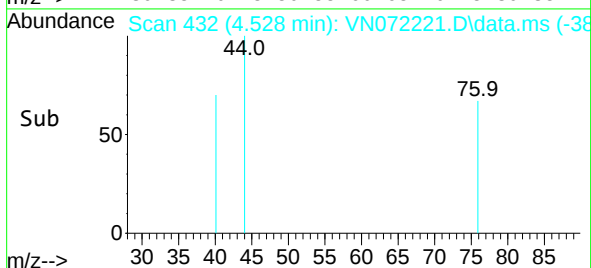
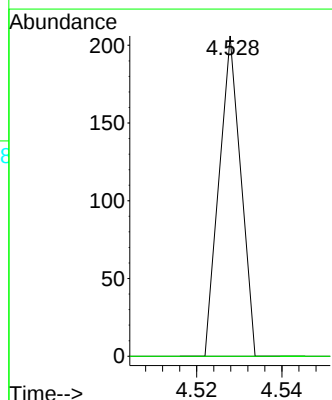
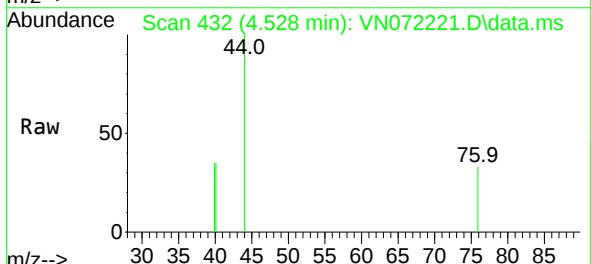
Instrument :
MSVOA_N
ClientSampleId :
31797

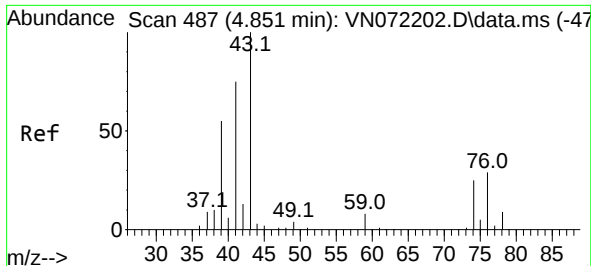
Tgt Ion: 43 Resp: 1748
Ion Ratio Lower Upper
43 100
58 26.4 26.0 39.0



#17
Carbon Disulfide
Concen: 0.374 ug/l
RT: 4.528 min Scan# 432
Delta R.T. -0.006 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion: 76 Resp: 73
Ion Ratio Lower Upper
76 100
78 0.0 7.2 10.8#

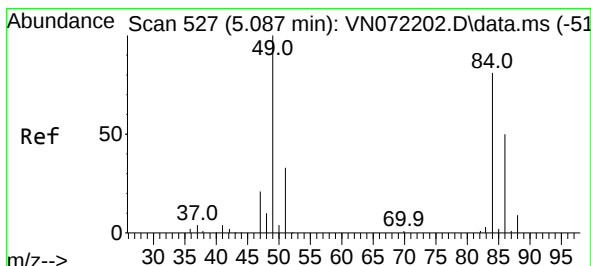
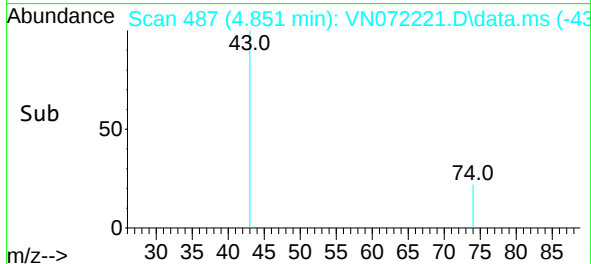
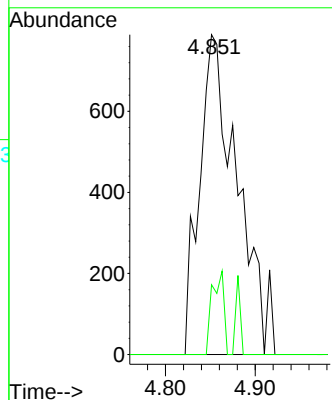
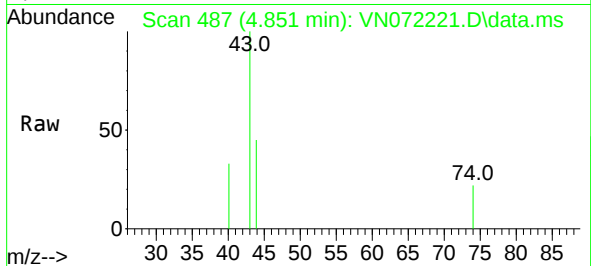




#18
Methyl Acetate
Concen: 0.371 ug/l
RT: 4.851 min Scan# 487
Delta R.T. 0.000 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

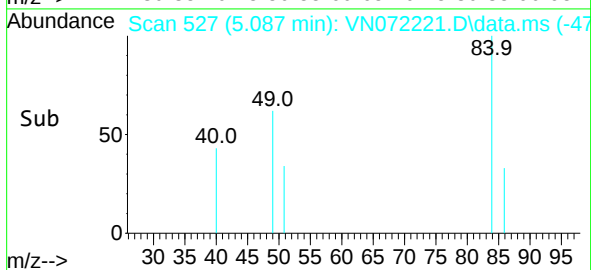
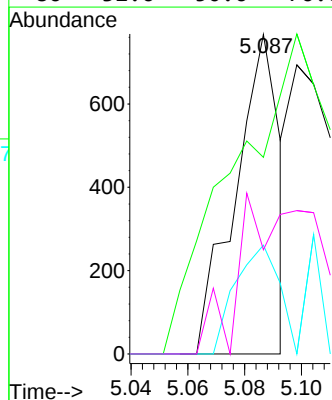
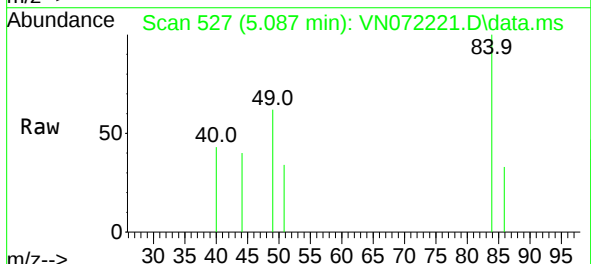
Instrument :
MSVOA_N
ClientSampleId :
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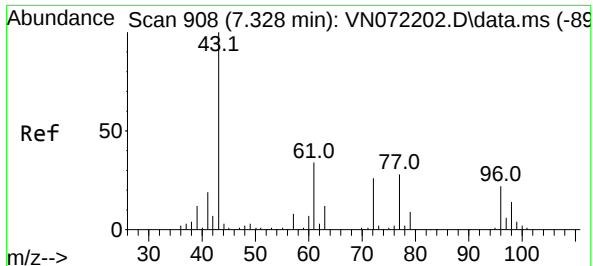
Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
74 8.1 21.6 32.4#



#20
Methylene Chloride
Concen: 0.217 ug/l
RT: 5.087 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion: 84 Resp: 838
Ion Ratio Lower Upper
84 100
49 41.6 88.3 132.5#
51 34.0 28.2 42.2
86 32.6 50.6 76.0#





#25

2-Butanone

Concen: 1.798 ug/l

RT: 7.345 min Scan# 91

Delta R.T. 0.017 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

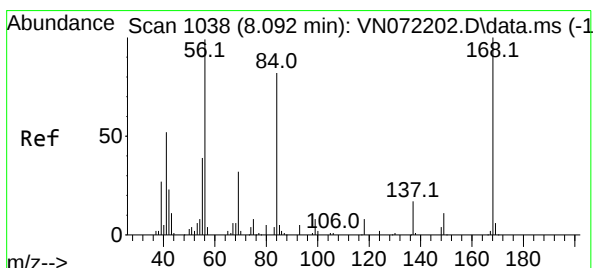
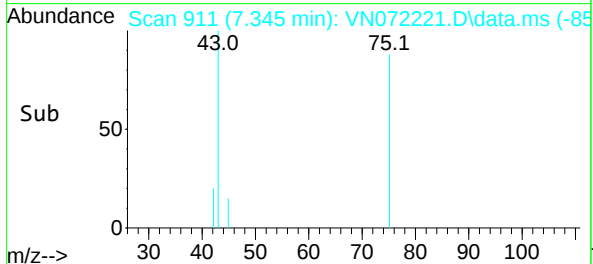
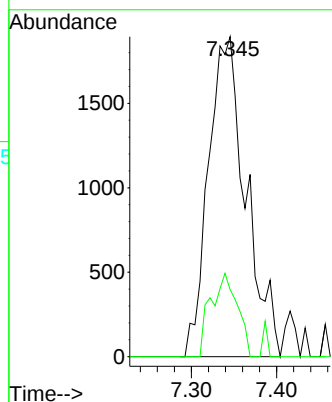
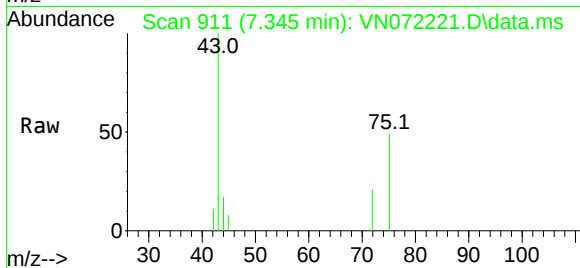
31797

Tgt Ion: 43 Resp: 5777

Ion Ratio Lower Upper

43 100

72 20.9 23.7 35.5#



#31

Cyclohexane

Concen: 1.192 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.011 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

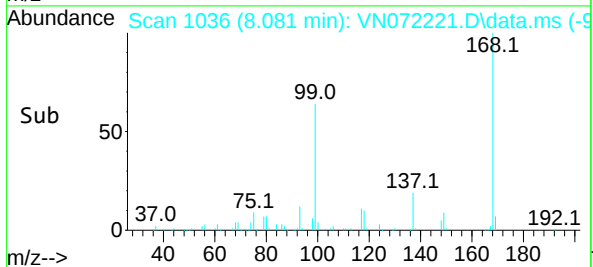
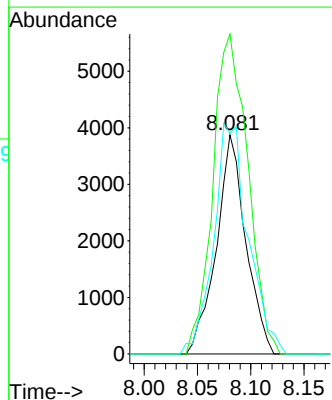
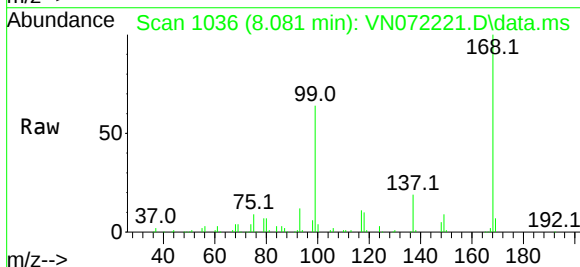
Tgt Ion: 56 Resp: 7454

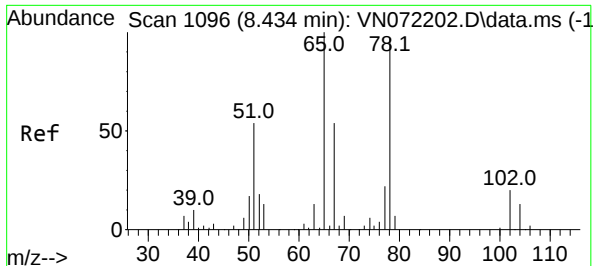
Ion Ratio Lower Upper

56 100

69 146.1 27.8 41.8#

84 100.8 76.9 115.3





#33

1,2-Dichloroethane-d4

Concen: 50.617 ug/l

RT: 8.433 min Scan# 1109

Delta R.T. -0.001 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

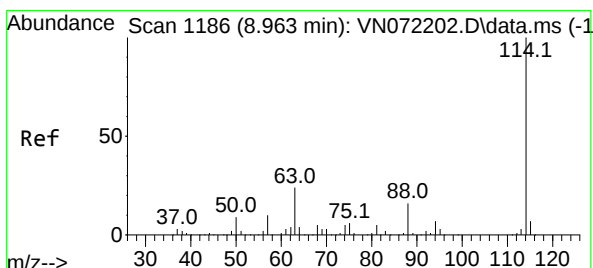
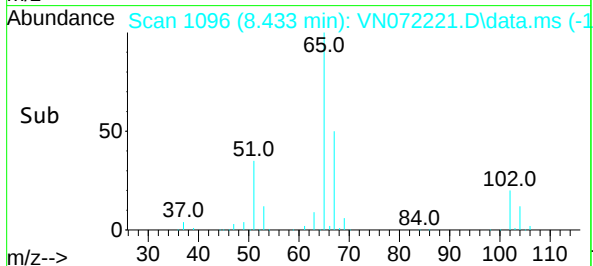
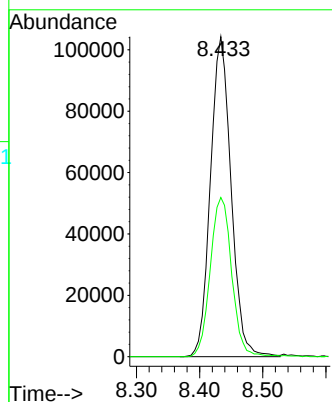
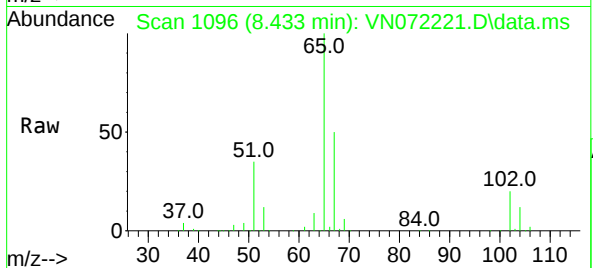
31797

Tgt Ion: 65 Resp: 236911

Ion Ratio Lower Upper

65 100

67 51.8 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: VN072221.D

Acq: 27 Apr 2022 17:17

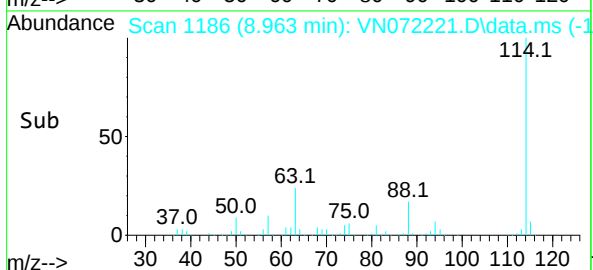
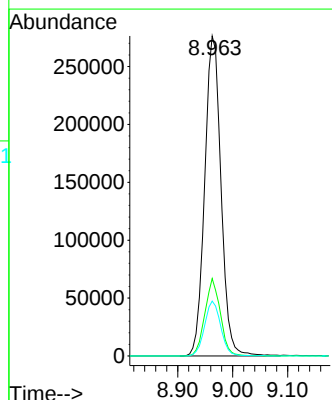
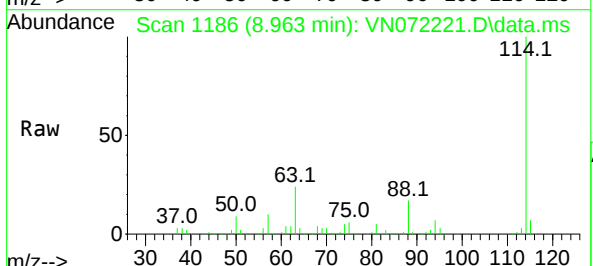
Tgt Ion: 114 Resp: 571186

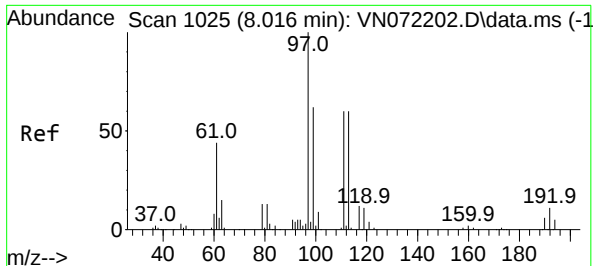
Ion Ratio Lower Upper

114 100

63 24.2 0.0 40.0

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.454 ug/l

RT: 8.016 min Scan# 1035

Delta R.T. -0.000 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

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31797

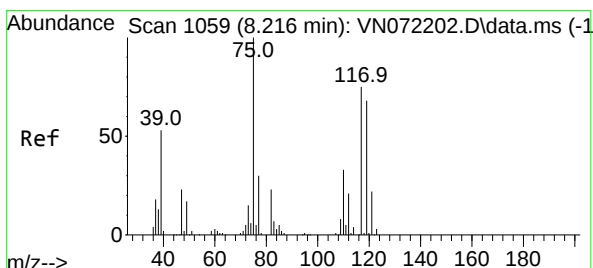
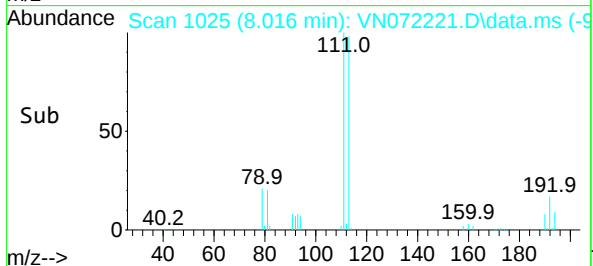
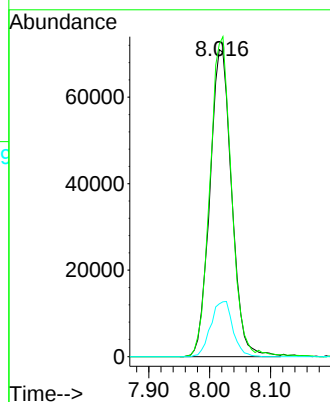
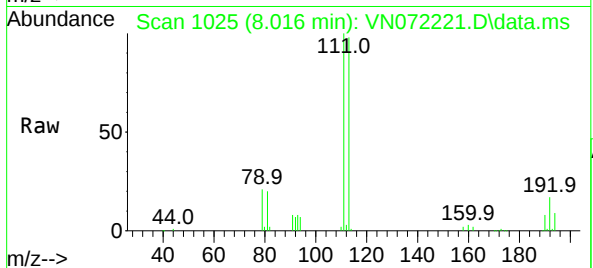
Tgt Ion:113 Resp: 177142

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

192 18.1 17.0 25.6



#36

1,1-Dichloropropene

Concen: 5.064 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.135 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

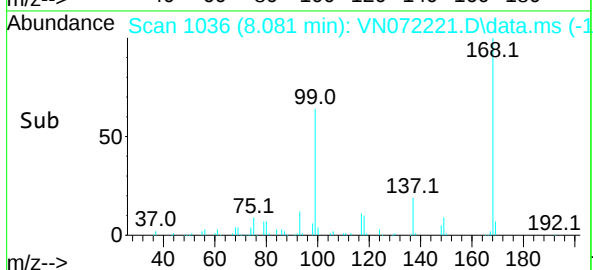
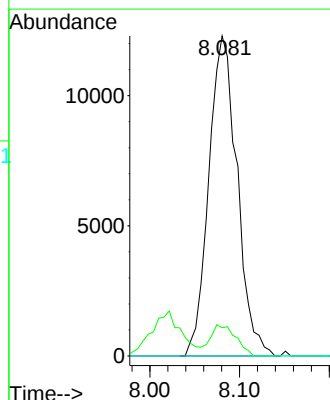
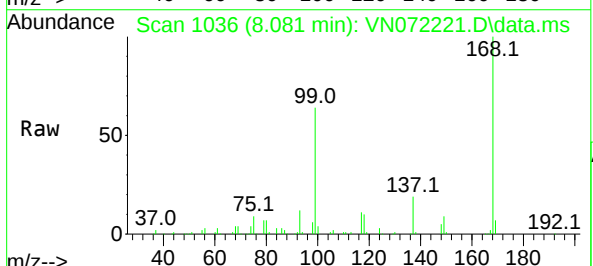
Tgt Ion: 75 Resp: 26945

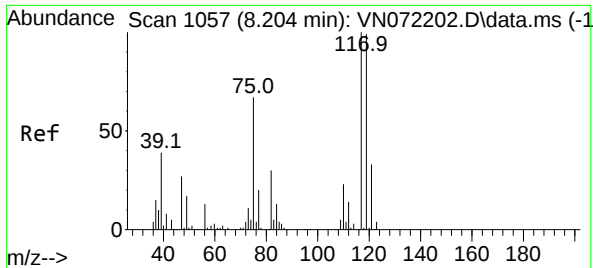
Ion Ratio Lower Upper

75 100

110 8.7 18.3 54.8#

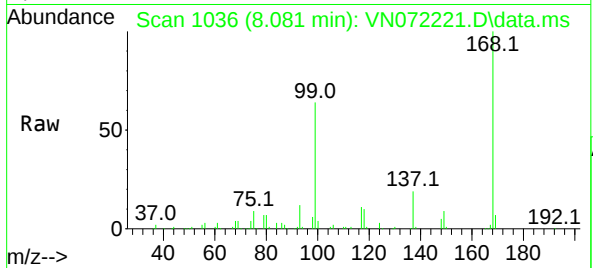
77 0.0 25.1 37.7#



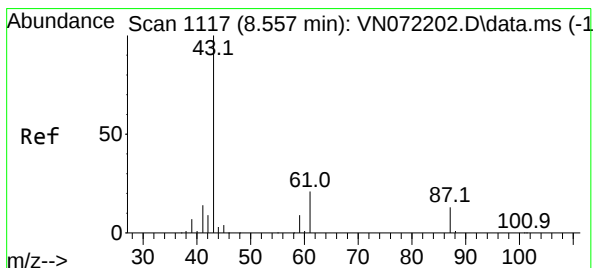
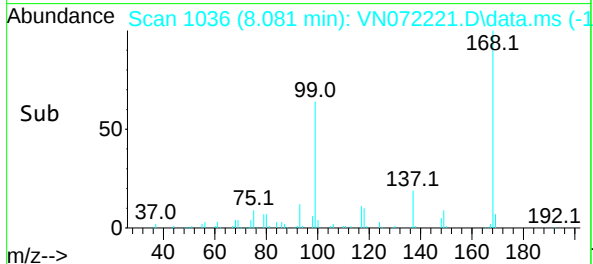
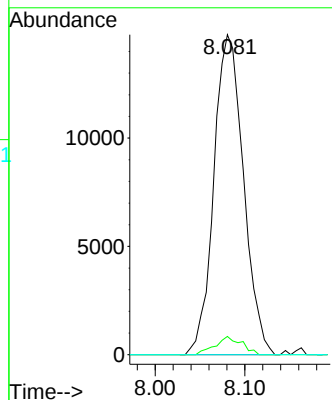


#38
Carbon Tetrachloride
Concen: 5.948 ug/l
RT: 8.081 min Scan# 110
Delta R.T. -0.123 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :
31797

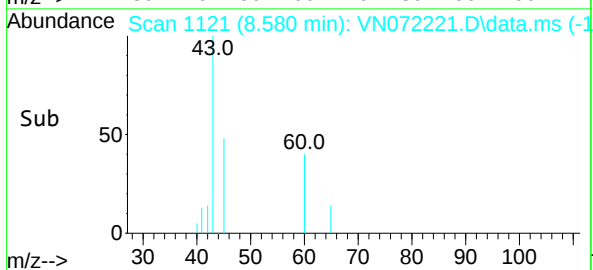
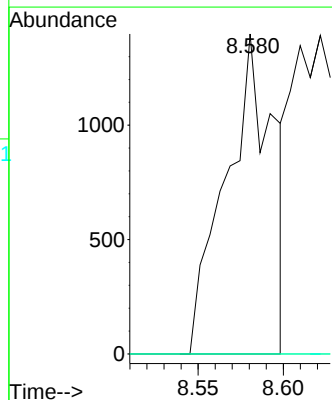
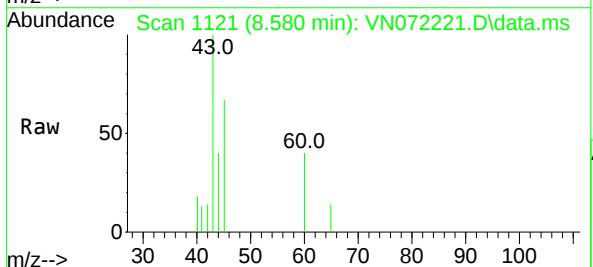


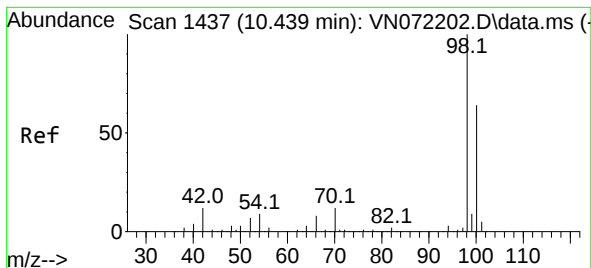
Tgt Ion: 117 Resp: 33900
Ion Ratio Lower Upper
117 100
119 5.7 75.8 113.8#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 1.040 ug/l
RT: 8.580 min Scan# 1121
Delta R.T. 0.023 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion: 43 Resp: 2692
Ion Ratio Lower Upper
43 100
61 0.0 21.9 32.9#
87 0.0 12.0 18.0#





#50

Toluene-d8

Concen: 51.277 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.000 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

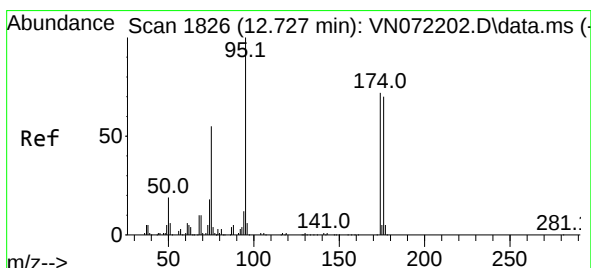
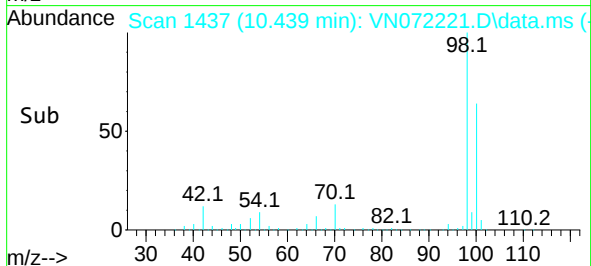
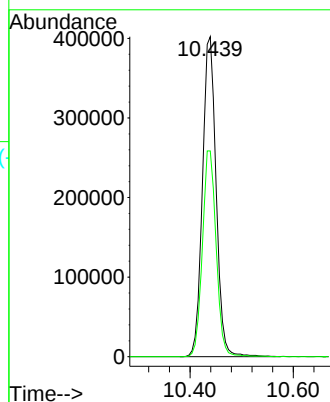
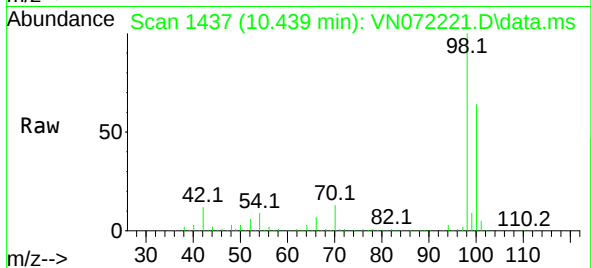
31797

Tgt Ion: 98 Resp: 736625

Ion Ratio Lower Upper

98 100

100 64.9 52.6 78.8



#62

4-Bromofluorobenzene

Concen: 58.761 ug/l

RT: 12.727 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

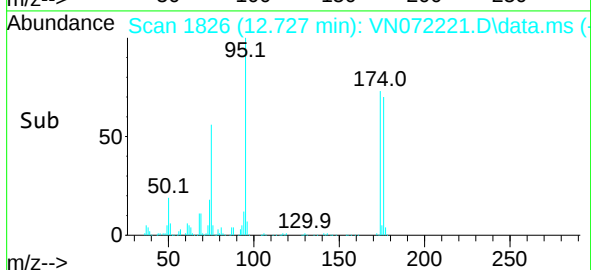
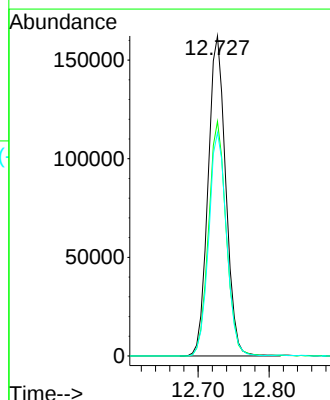
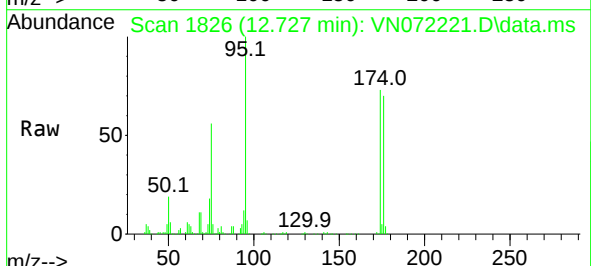
Tgt Ion: 95 Resp: 280183

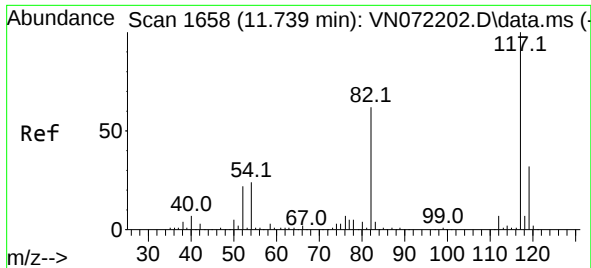
Ion Ratio Lower Upper

95 100

174 73.0 0.0 167.6

176 70.1 0.0 163.4

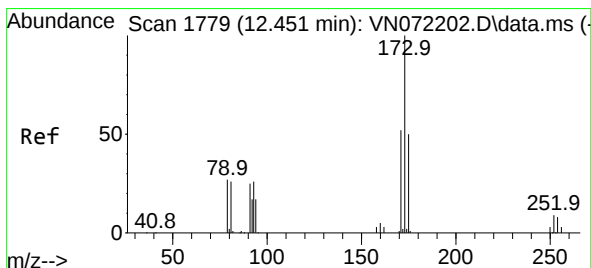
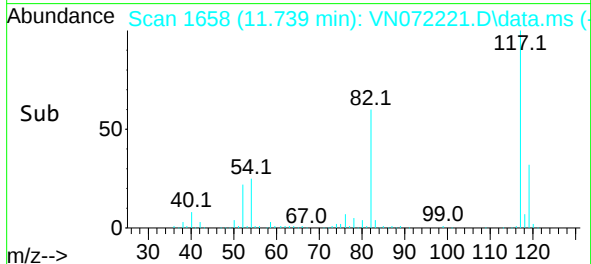
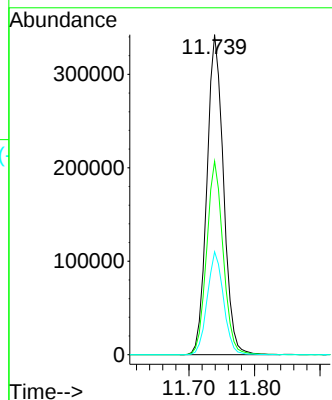
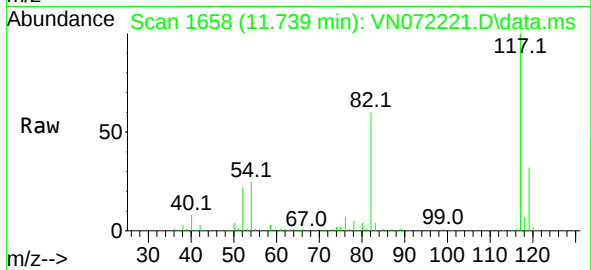




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 11797
Delta R.T. 0.000 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

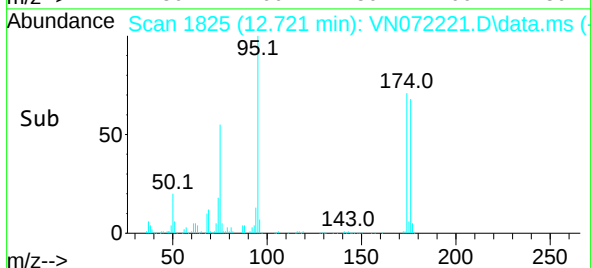
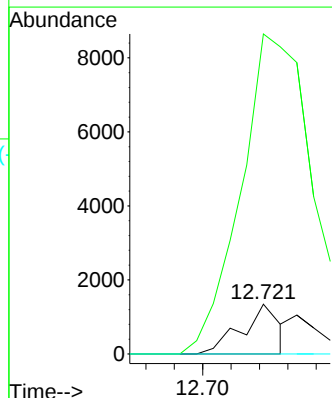
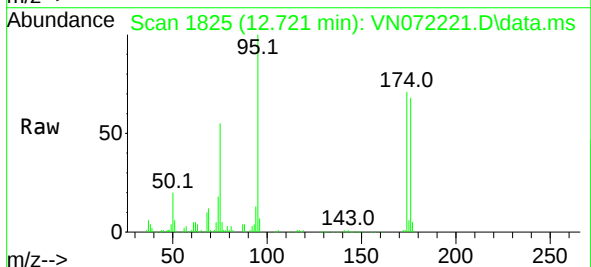
Instrument :
MSVOA_N
ClientSampleId :
31797

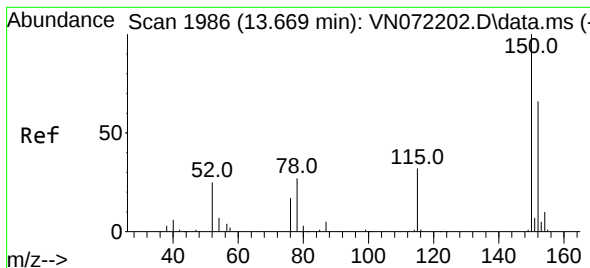
Tgt Ion:117 Resp: 602009
Ion Ratio Lower Upper
117 100
82 60.5 44.2 66.2
119 32.1 25.4 38.0



#71
Bromoform
Concen: 0.363 ug/l
RT: 12.721 min Scan# 1825
Delta R.T. 0.270 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion:173 Resp: 1239
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: 13.668 min Scan# 1986

Delta R.T. -0.001 min

Lab File: VN072221.D

Acq: 27 Apr 2022 17:17

Instrument :

MSVOA_N

ClientSampleId :

31797

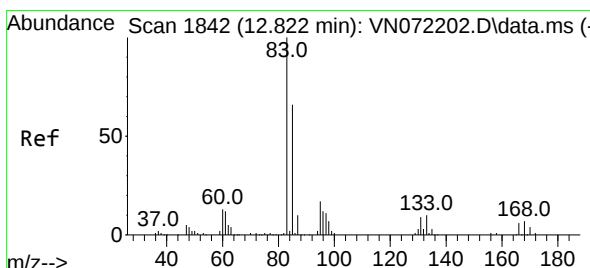
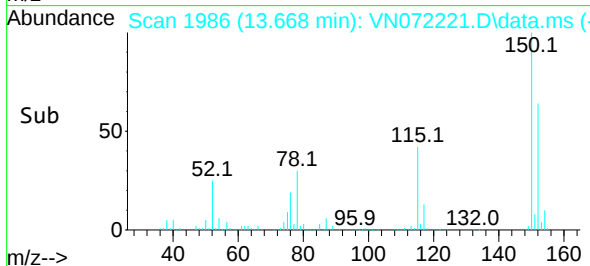
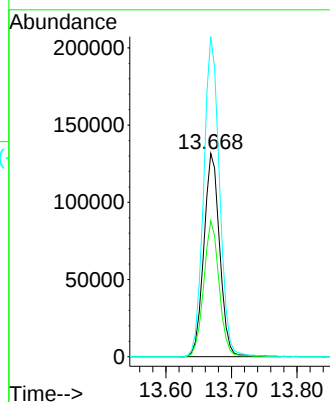
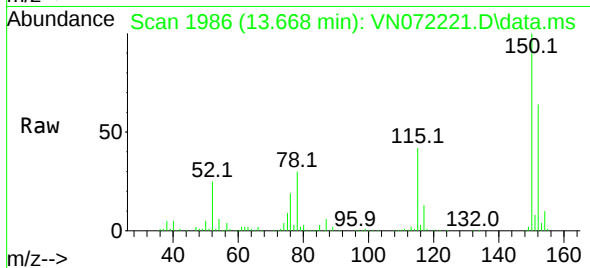
Tgt Ion:152 Resp: 221390

Ion Ratio Lower Upper

152 100

115 65.2 28.9 86.7

150 157.8 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: VN072221.D

Acq: 27 Apr 2022 17:17

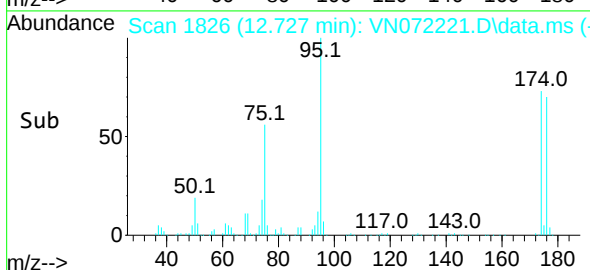
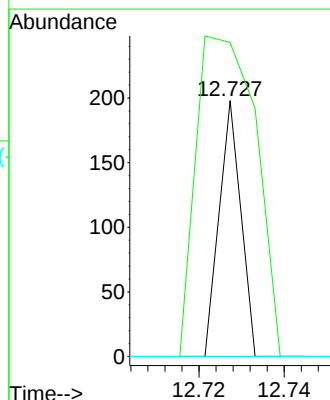
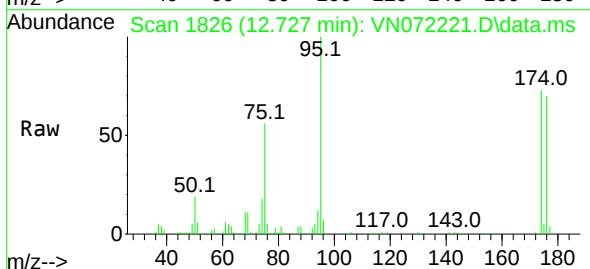
Tgt Ion: 83 Resp: 70

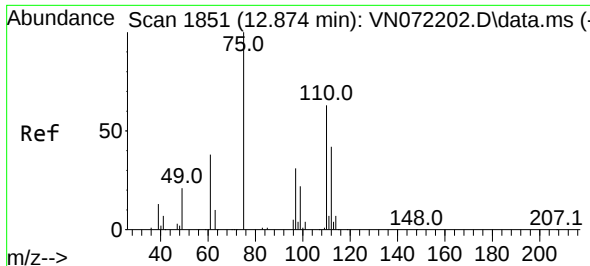
Ion Ratio Lower Upper

83 100

131 344.3 5.3 15.9#

85 0.0 32.3 96.9#

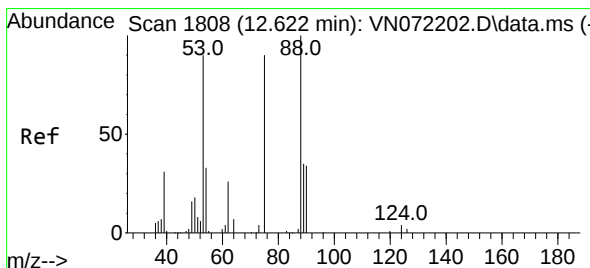
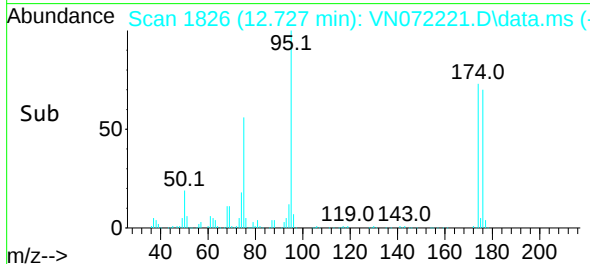
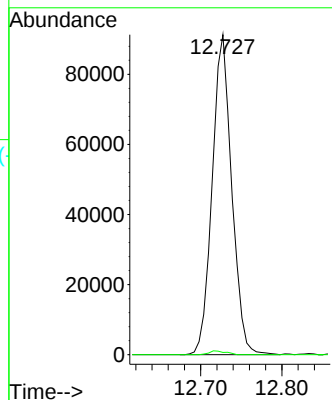
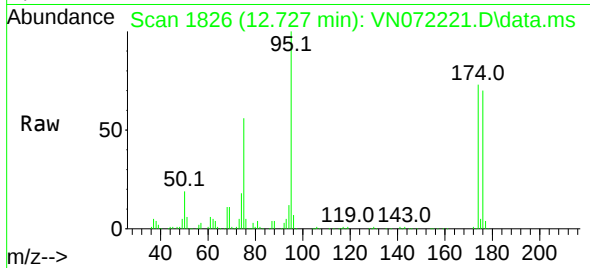




#76
1,2,3-Trichloropropane
Concen: 30.667 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. -0.147 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Instrument :
MSVOA_N
ClientSampleId :
31797

Tgt Ion: 75 Resp: 152517
Ion Ratio Lower Upper
75 100
77 1.0 98.5 295.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.656 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.105 min
Lab File: VN072221.D
Acq: 27 Apr 2022 17:17

Tgt Ion: 75 Resp: 152517
Ion Ratio Lower Upper
75 100
53 0.0 78.0 117.0#
89 0.0 37.2 55.8#

