

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020921\
 Data File : VN065788.D
 Acq On : 9 Feb 2021 18:27
 Operator : JC/MD
 Sample : M1339-10
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

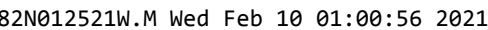
Instrument :
 MSVOA_N
 ClientSampleId :

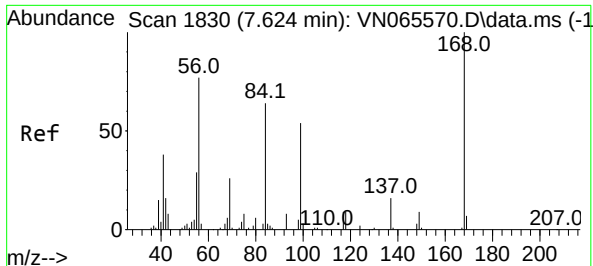
Quant Time: Feb 10 01:00:50 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 25 13:47:28 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.624	168	179465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	299725	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	271982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	100904	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	100476	42.56	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	85.12%		
35) Dibromofluoromethane	7.547	113	86218	48.54	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.08%		
50) Toluene-d8	10.055	98	371518	53.21	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.42%		
62) 4-Bromofluorobenzene	12.373	95	121652	48.39	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	96.78%		
Target Compounds						
					Qvalue	
16) Acetone	3.779	43	13259	14.43	ug/l	95
18) Methyl Acetate	4.290	43	3844	1.49	ug/l	93
20) Methylene Chloride	4.492	84	4870	1.91	ug/l	92
25) 2-Butanone	6.817	43	1755	1.22	ug/l #	46
29) Tetrahydrofuran	7.171	42	230	0.22	ug/l #	42
31) Cyclohexane	7.618	56	2839	0.64	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	12516	4.15	ug/l #	47
38) Carbon Tetrachloride	7.624	117	16430	6.62	ug/l #	18
43) Isopropyl Acetate	8.129	43	12363	2.41	ug/l #	91
45) 1,2-Dichloropropane	9.235	63	855	0.34	ug/l #	44
48) Methyl methacrylate	9.145	41	3389	1.39	ug/l #	10
51) 4-Methyl-2-Pentanone	9.952	43	3115	1.10	ug/l	95
54) cis-1,3-Dichloropropene	9.872	75	24196	6.21	ug/l #	56
56) Ethyl methacrylate	10.200	69	1723	0.50	ug/l #	37
57) 1,3-Dichloropropane	10.733	76	13204	3.60	ug/l #	43
59) 2-Hexanone	10.733	43	166859	84.97	ug/l #	52
71) Bromoform	12.370	173	285	0.20	ug/l #	1
76) 1,2,3-Trichloropropane	12.370	75	55376	20.99	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.370	75	55376	53.76	ug/l #	12

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

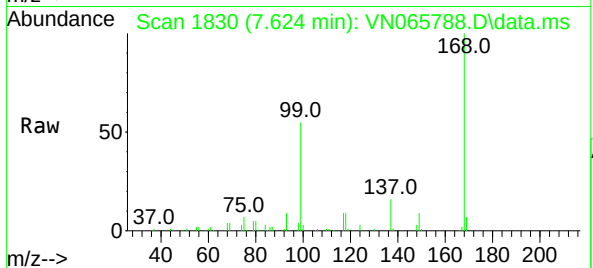
Quant Time: Feb 10 01:00:50 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
QLast Update : Mon Jan 25 13:47:28 2021
Response via : Initial Calibration



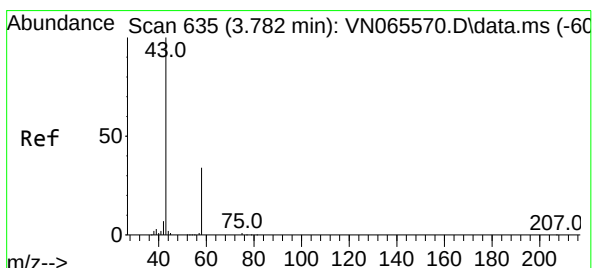
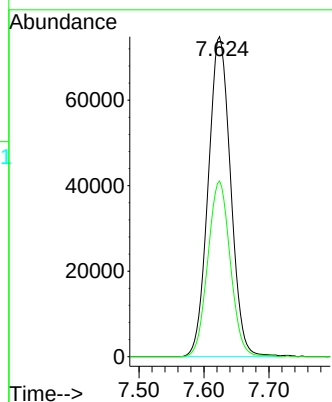
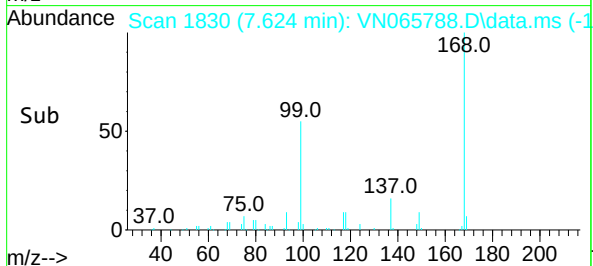


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

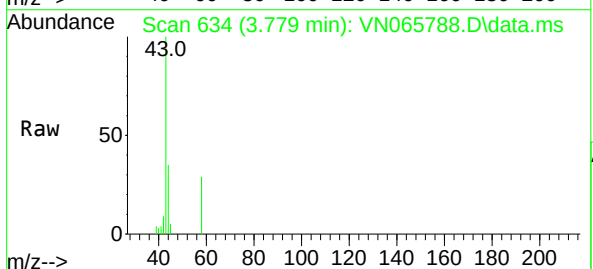
Instrument :
MSVOA_N
ClientSampled :



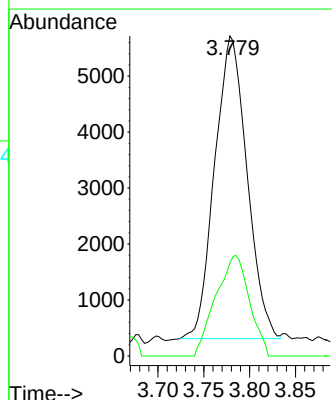
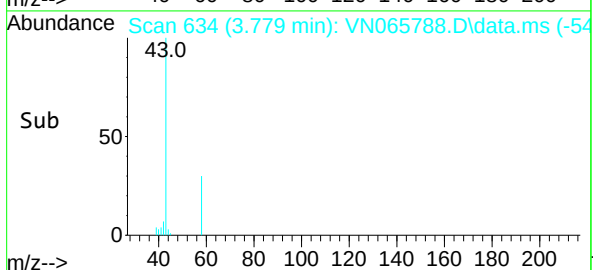
Tgt Ion:168 Resp: 179465
Ion Ratio Lower Upper
168 100
99 54.9 42.6 63.8

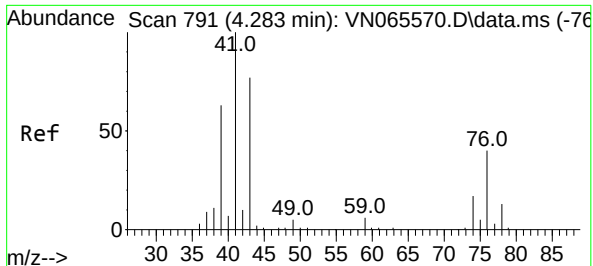


#16
Acetone
Concen: 14.43 ug/l
RT: 3.779 min Scan# 634
Delta R.T. -0.003 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27



Tgt Ion: 43 Resp: 13259
Ion Ratio Lower Upper
43 100
58 30.8 27.0 40.6





#18

Methyl Acetate

Concen: 1.49 ug/l

RT: 4.290 min Scan# 793

Delta R.T. 0.007 min

Lab File: VN065788.D

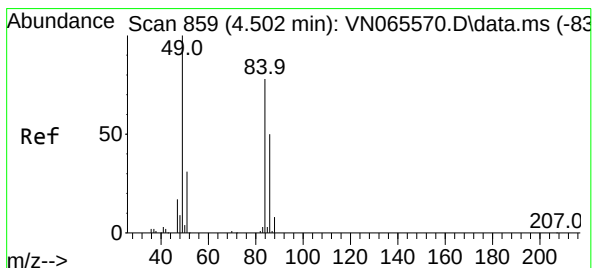
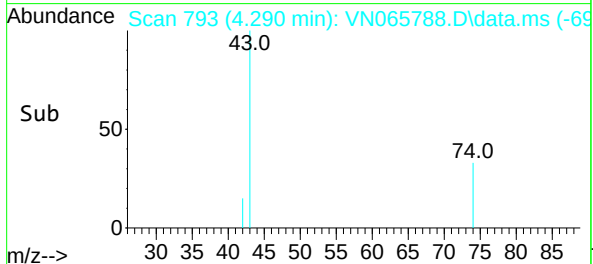
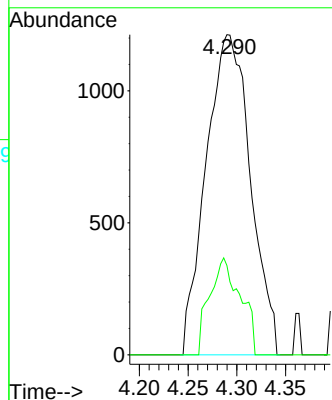
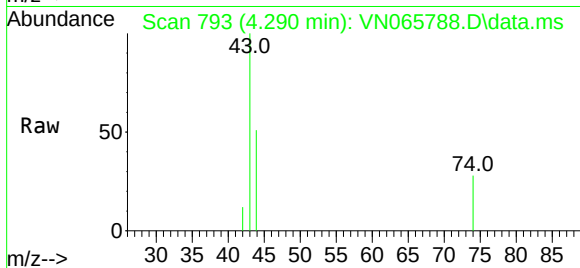
Acq: 9 Feb 2021 18:27

Tgt Ion: 43 Resp: 3844

Ion Ratio Lower Upper

43 100

74 20.9 19.5 29.3



#20

Methylene Chloride

Concen: 1.91 ug/l

RT: 4.492 min Scan# 856

Delta R.T. -0.010 min

Lab File: VN065788.D

Acq: 9 Feb 2021 18:27

Tgt Ion: 84 Resp: 4870

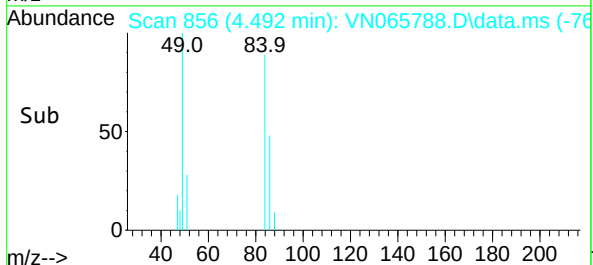
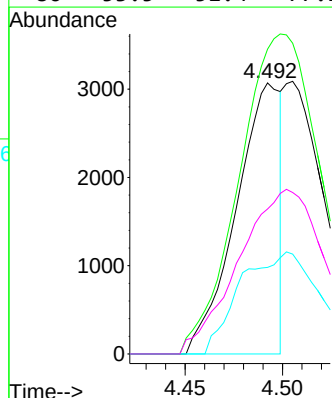
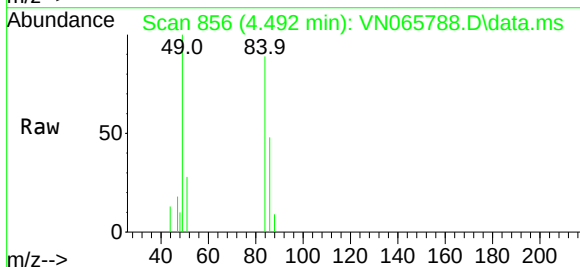
Ion Ratio Lower Upper

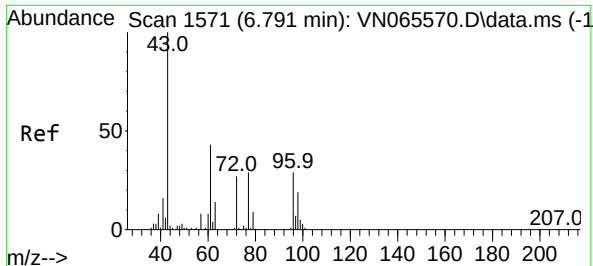
84 100

49 112.4 94.6 141.8

51 31.9 29.9 44.9

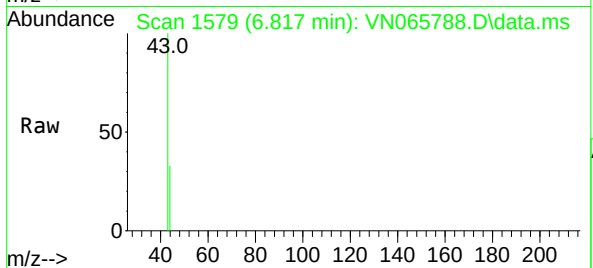
86 53.5 51.4 77.2



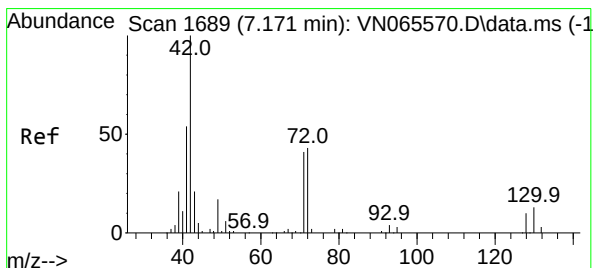
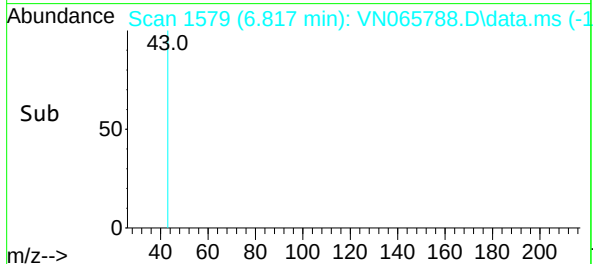
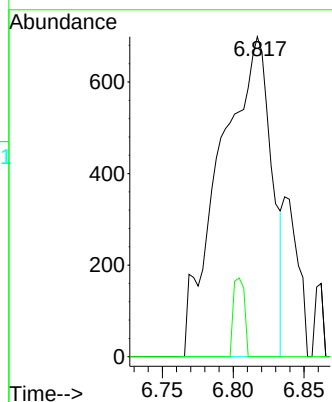


#25
2-Butanone
Concen: 1.22 ug/l
RT: 6.817 min Scan# 1579
Delta R.T. 0.026 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

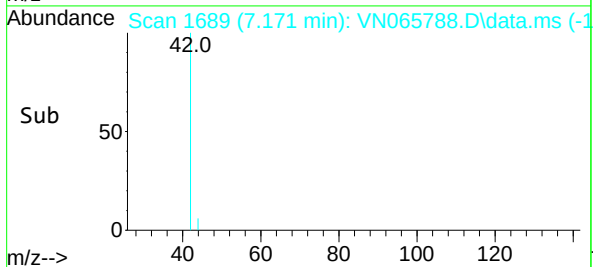
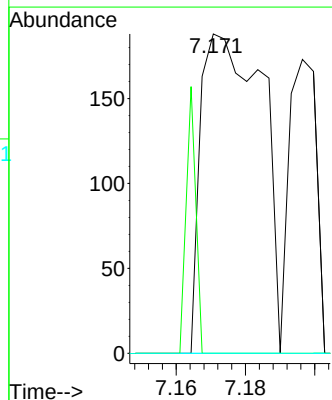
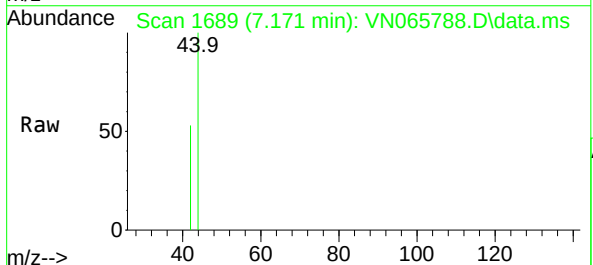


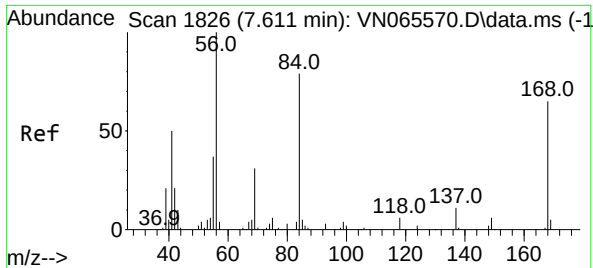
Tgt Ion: 43 Resp: 1755
Ion Ratio Lower Upper
43 100
72 0.0 23.1 34.7#



#29
Tetrahydrofuran
Concen: 0.22 ug/l
RT: 7.171 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

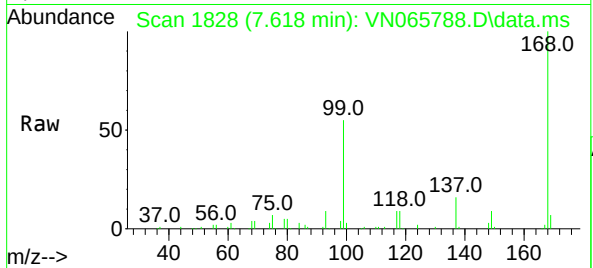
Tgt Ion: 42 Resp: 230
Ion Ratio Lower Upper
42 100
72 13.0 36.6 55.0#
71 0.0 34.3 51.5#



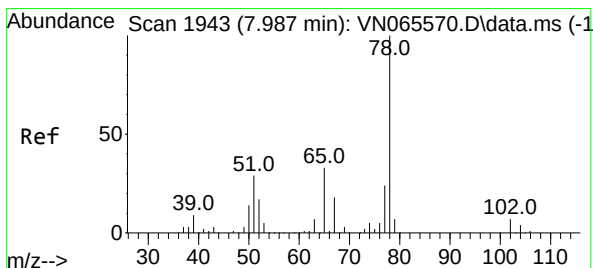
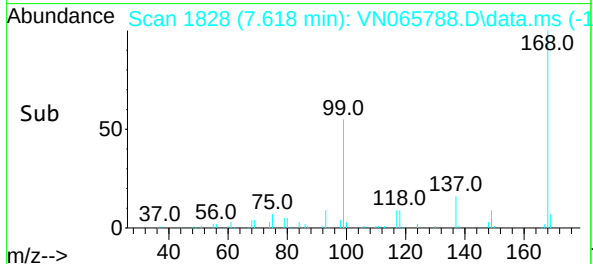
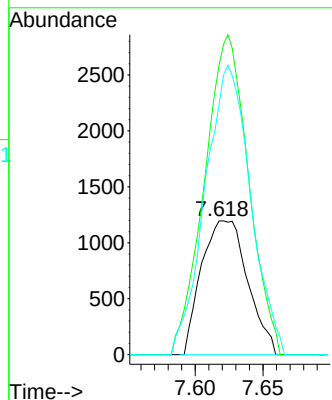


#31
Cyclohexane
Concen: 0.64 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

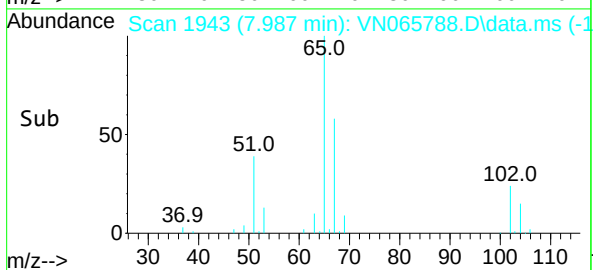
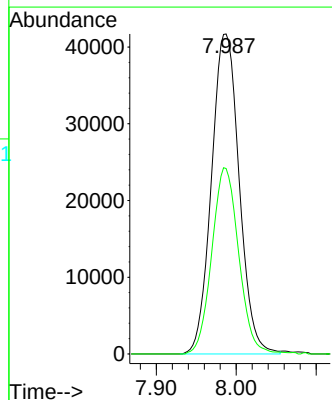
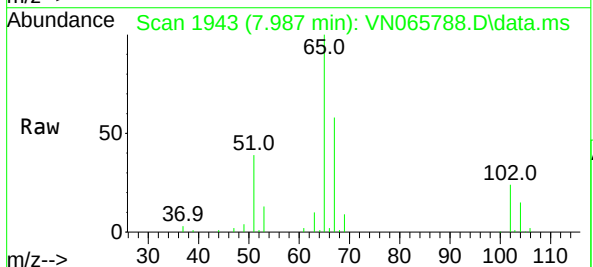


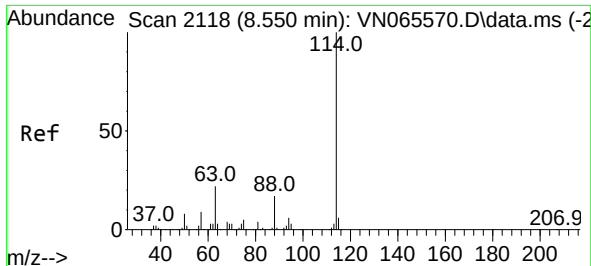
Tgt Ion: 56 Resp: 2839
Ion Ratio Lower Upper
56 100
69 216.3 26.6 39.8#
84 174.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 42.56 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 65 Resp: 100476
Ion Ratio Lower Upper
65 100
67 56.5 0.0 107.2





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 8.547 min Scan# 2117

Delta R.T. -0.003 min

Lab File: VN065788.D

Acq: 9 Feb 2021 18:27

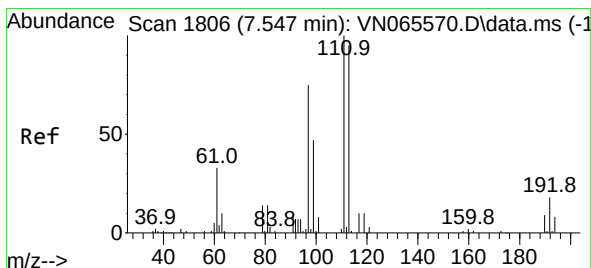
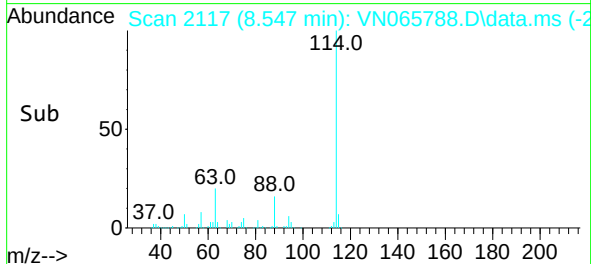
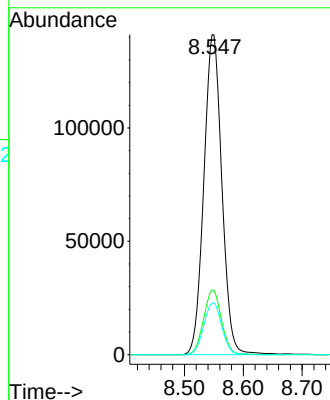
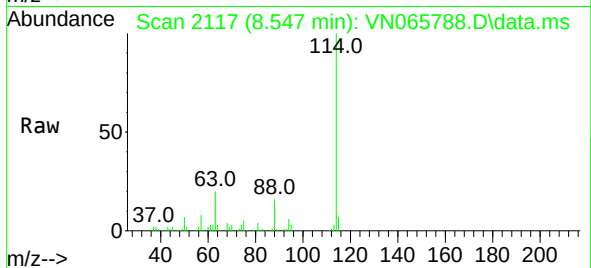
Tgt Ion:114 Resp: 299725

Ion Ratio Lower Upper

114 100

63 20.2 0.0 38.6

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 48.54 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065788.D

Acq: 9 Feb 2021 18:27

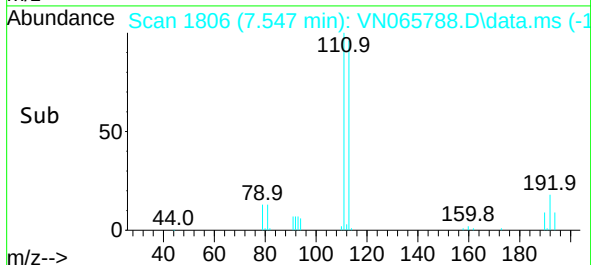
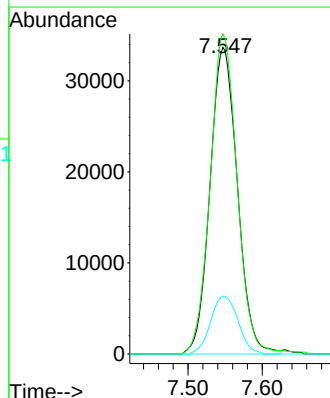
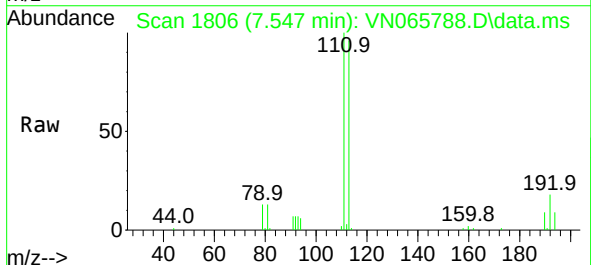
Tgt Ion:113 Resp: 86218

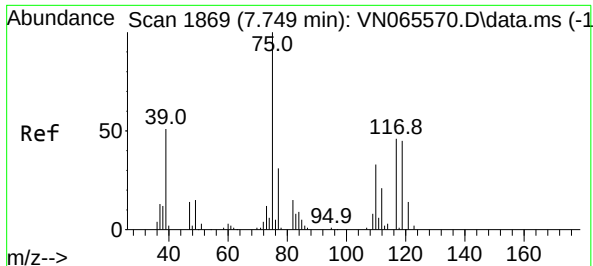
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 18.9 15.4 23.0

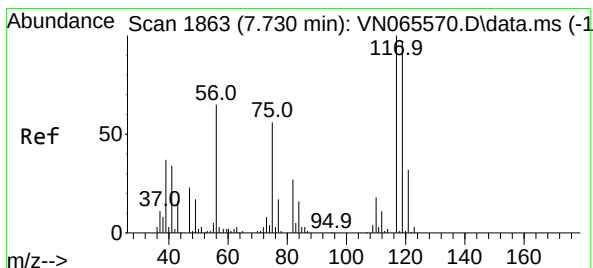
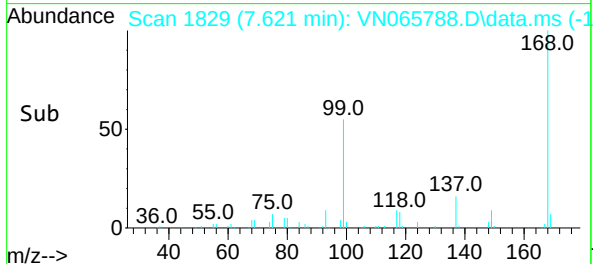
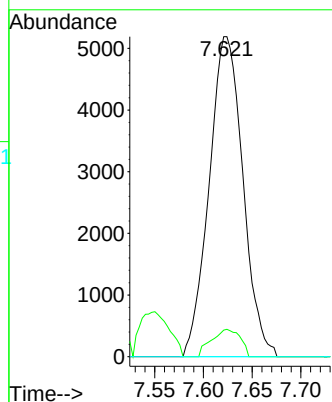
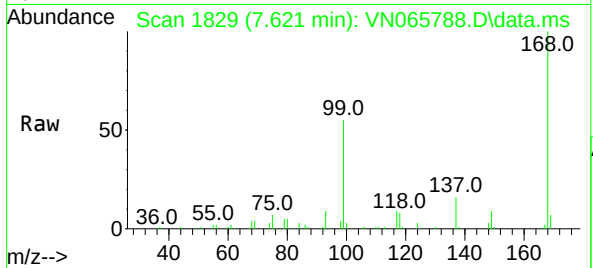




#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

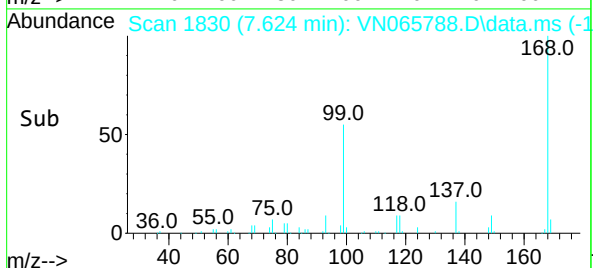
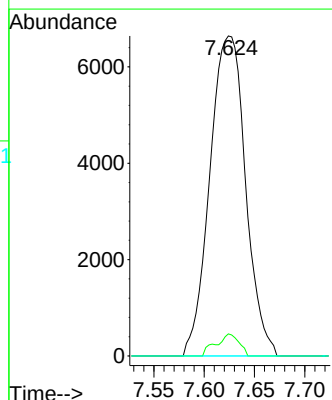
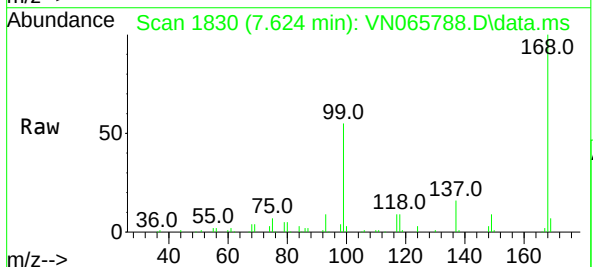
Instrument :
MSVOA_N
ClientSampled :

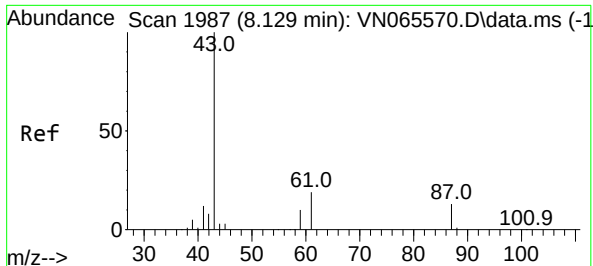
Tgt Ion: 75 Resp: 12516
Ion Ratio Lower Upper
75 100
110 7.3 18.2 54.6#
77 0.0 24.9 37.3#



#38
Carbon Tetrachloride
Concen: 6.62 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 117 Resp: 16430
Ion Ratio Lower Upper
117 100
119 6.9 76.0 114.0#
121 0.0 24.5 36.7#



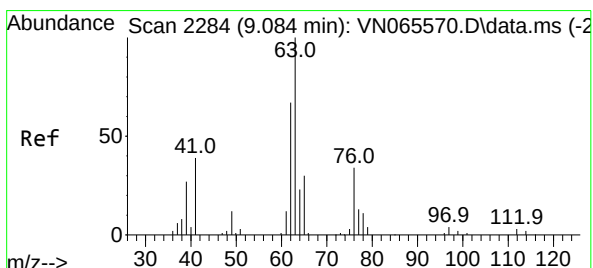
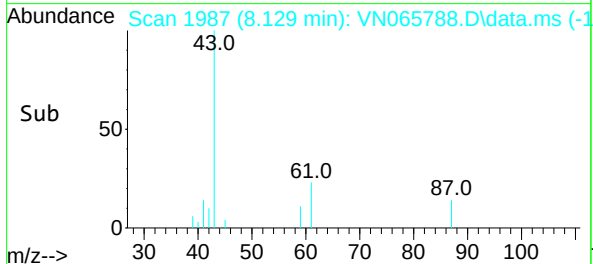
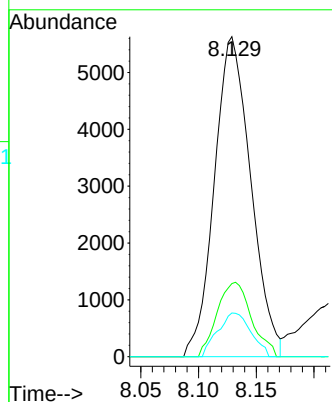
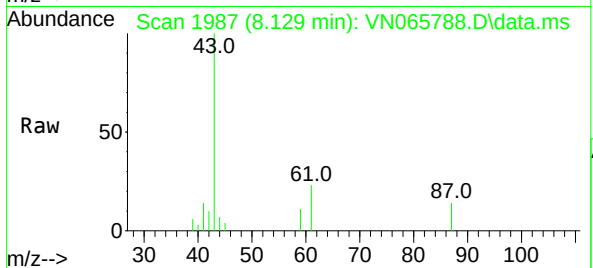


#43

Isopropyl Acetate
Concen: 2.41 ug/l
RT: 8.129 min Scan# 1987
Delta R.T. -0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Instrument :
MSVOA_N
ClientSampled :

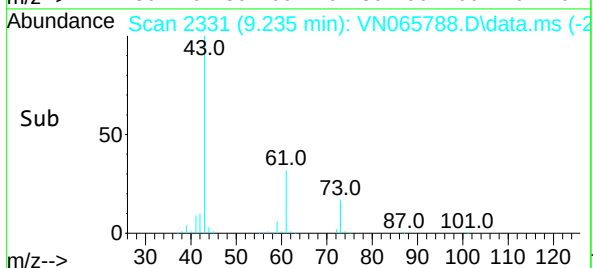
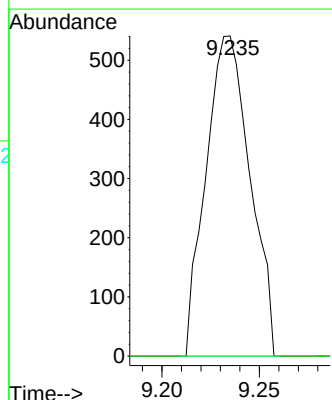
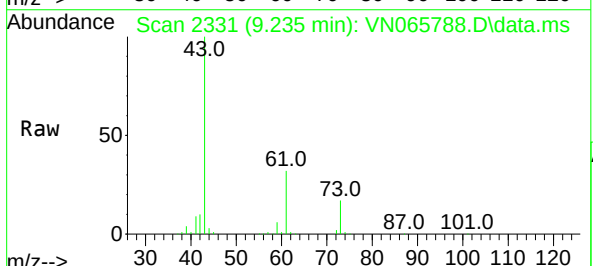
Tgt Ion: 43 Resp: 12363
Ion Ratio Lower Upper
43 100
61 21.9 22.5 33.7#
87 12.4 11.1 16.7

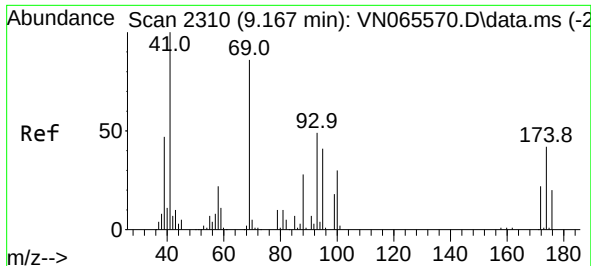


#45

1,2-Dichloropropane
Concen: 0.34 ug/l
RT: 9.235 min Scan# 2331
Delta R.T. 0.151 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 63 Resp: 855
Ion Ratio Lower Upper
63 100
65 0.0 24.9 37.3#

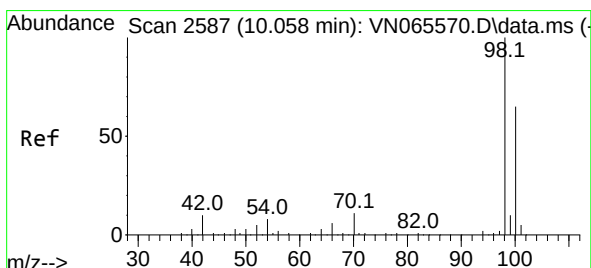
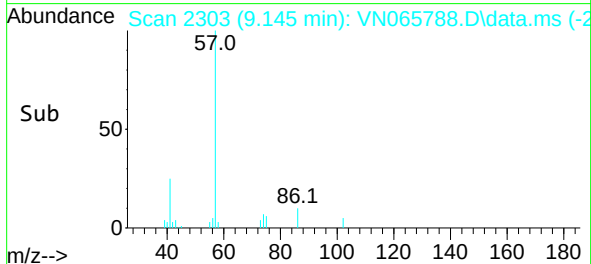
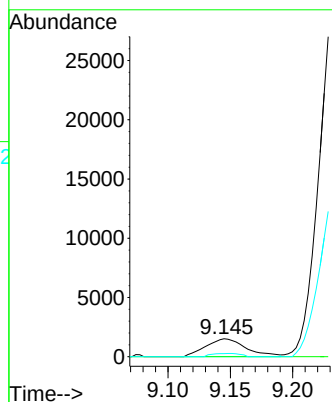
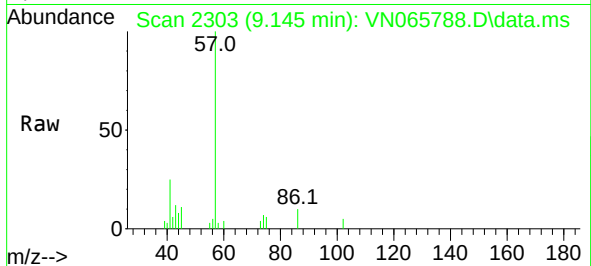




#48
Methyl methacrylate
Concen: 1.39 ug/l
RT: 9.145 min Scan# 2303
Delta R.T. -0.022 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

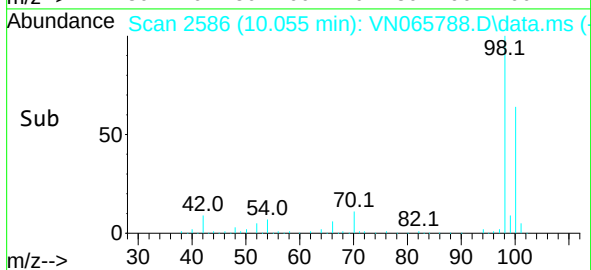
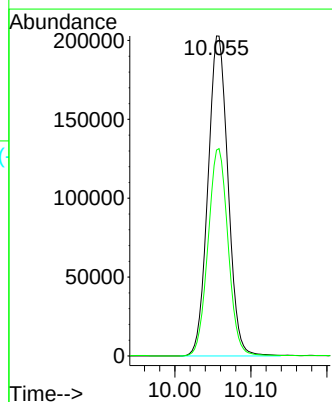
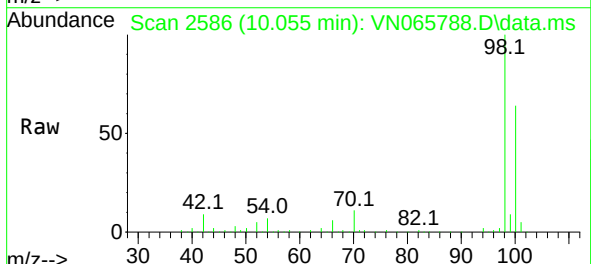
Instrument :
MSVOA_N
ClientSampled :

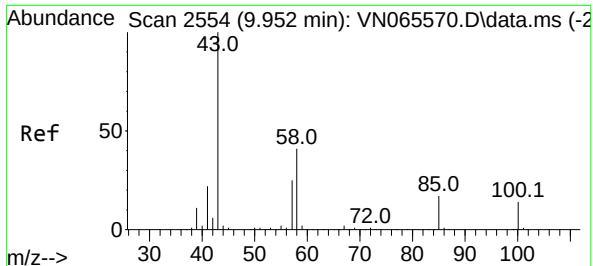
Tgt Ion: 41 Resp: 3389
Ion Ratio Lower Upper
41 100
69 0.0 75.9 113.9#
39 0.0 46.6 69.8#



#50
Toluene-d8
Concen: 53.21 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 98 Resp: 371518
Ion Ratio Lower Upper
98 100
100 64.9 50.5 75.7

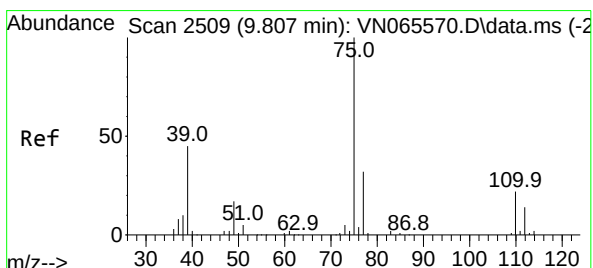
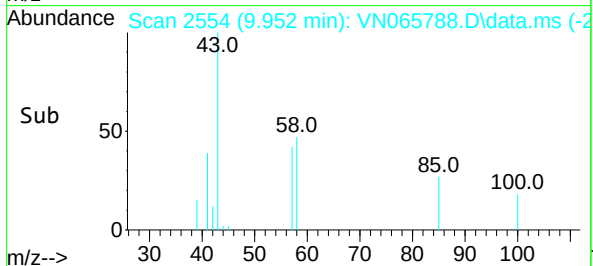
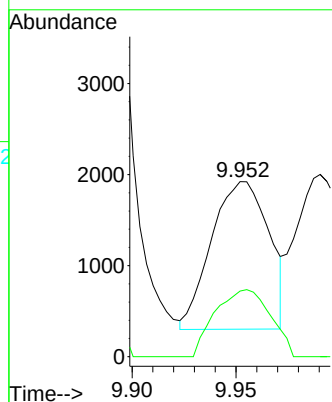
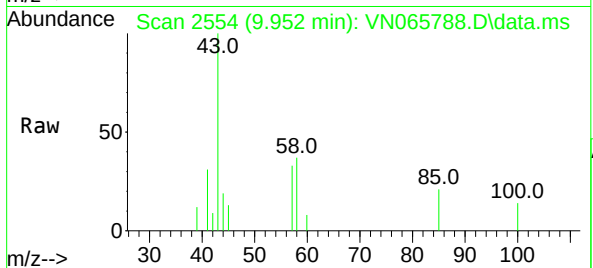




#51
4-Methyl-2-Pentanone
Concen: 1.10 ug/l
RT: 9.952 min Scan# 2554
Delta R.T. -0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

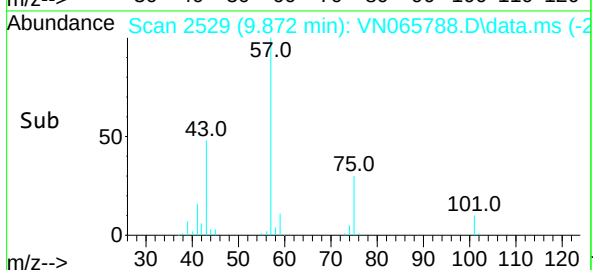
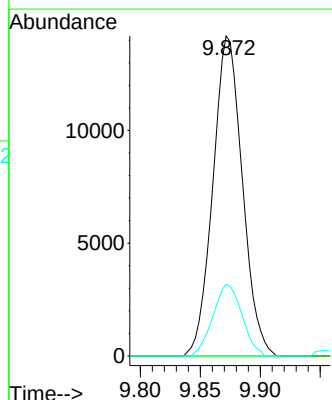
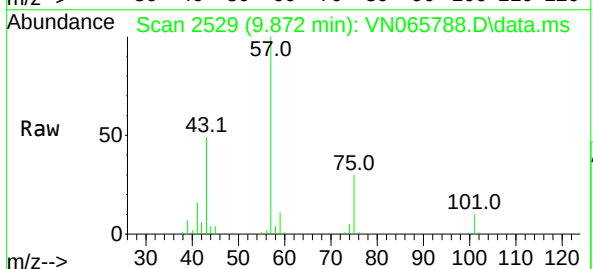
Instrument :
MSVOA_N
ClientSampleId :

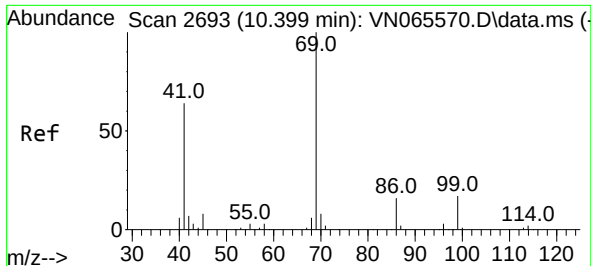
Tgt Ion: 43 Resp: 3115
Ion Ratio Lower Upper
43 100
58 43.8 32.5 48.7



#54
cis-1,3-Dichloropropene
Concen: 6.21 ug/l
RT: 9.872 min Scan# 2529
Delta R.T. 0.065 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 75 Resp: 24196
Ion Ratio Lower Upper
75 100
77 0.0 24.9 37.3#
39 22.4 36.2 54.4#

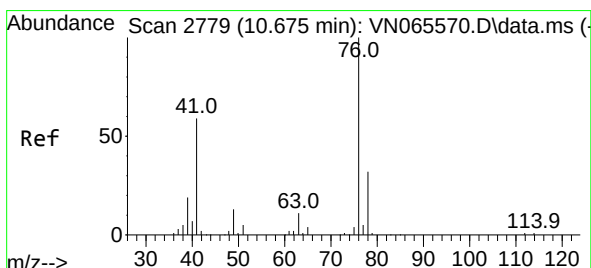
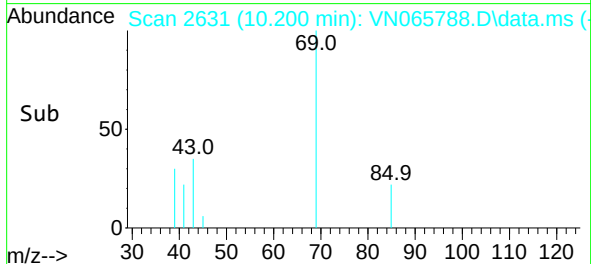
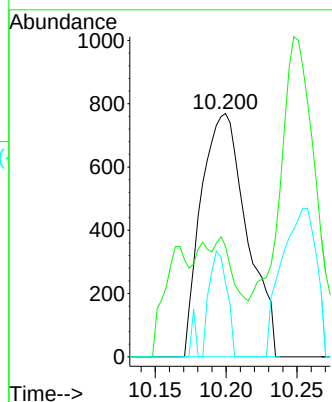
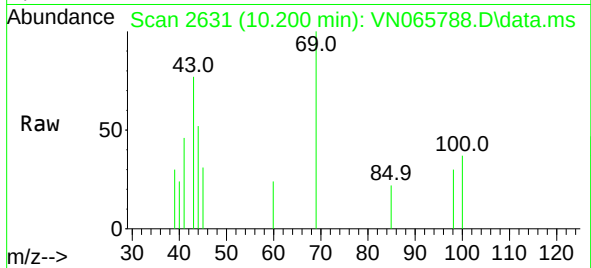




#56
Ethyl methacrylate
Concen: 0.50 ug/l
RT: 10.200 min Scan# 2631
Delta R.T. -0.199 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

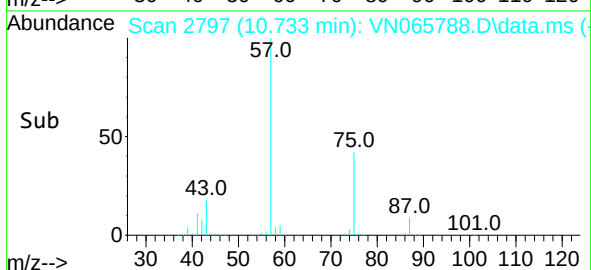
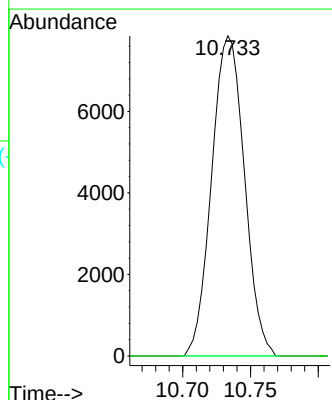
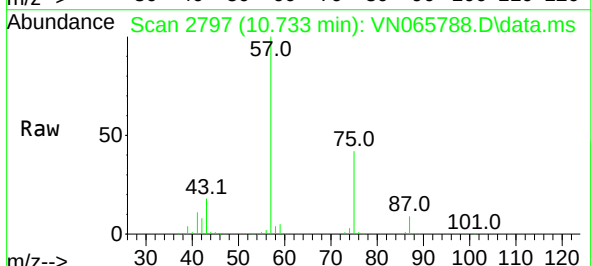
Instrument :
MSVOA_N
ClientSampled :

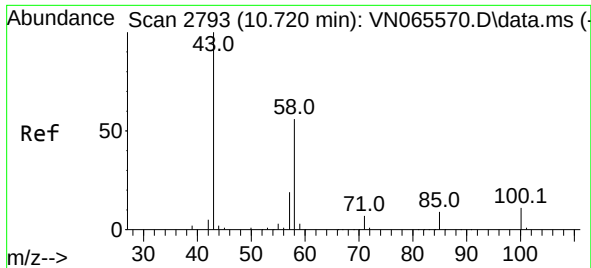
Tgt Ion: 69 Resp: 1723
Ion Ratio Lower Upper
69 100
41 0.0 49.6 74.4#
39 16.8 28.0 42.0#



#57
1,3-Dichloropropane
Concen: 3.60 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.058 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 76 Resp: 13204
Ion Ratio Lower Upper
76 100
78 0.0 25.7 38.5#

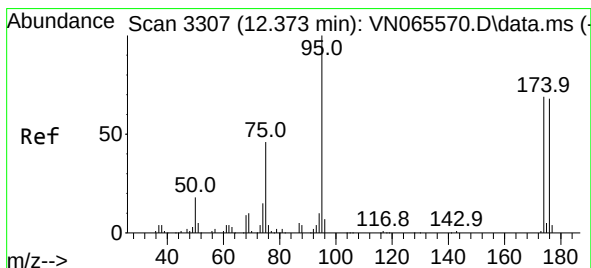
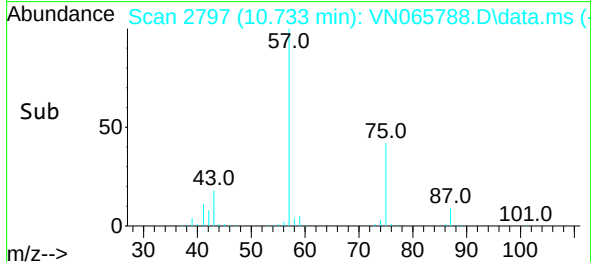
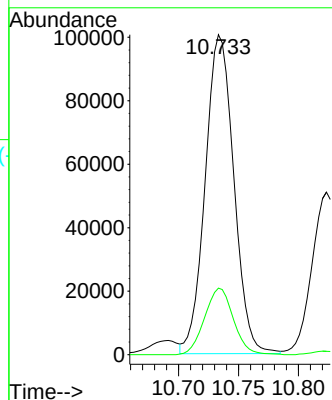
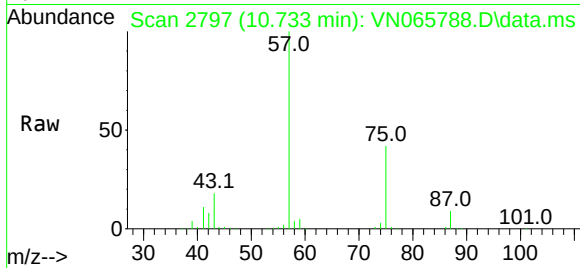




#59
2-Hexanone
Concen: 84.97 ug/l
RT: 10.733 min Scan# 2797
Delta R.T. 0.013 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

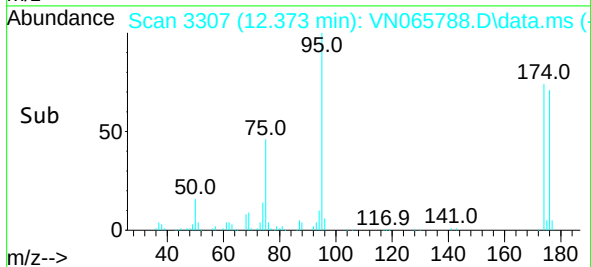
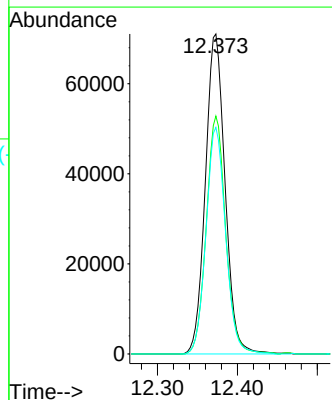
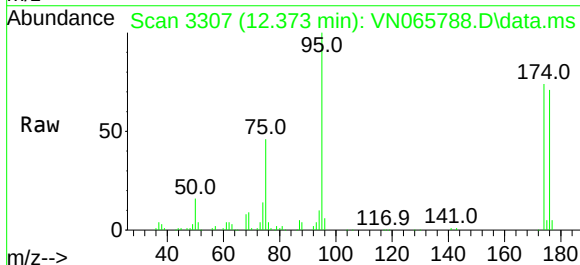
Instrument :
MSVOA_N
ClientSampled :

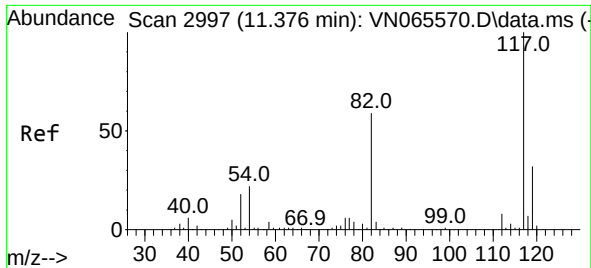
Tgt Ion: 43 Resp: 166859
Ion Ratio Lower Upper
43 100
58 21.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 48.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

Tgt Ion: 95 Resp: 121652
Ion Ratio Lower Upper
95 100
174 73.3 0.0 169.0
176 70.5 0.0 162.4

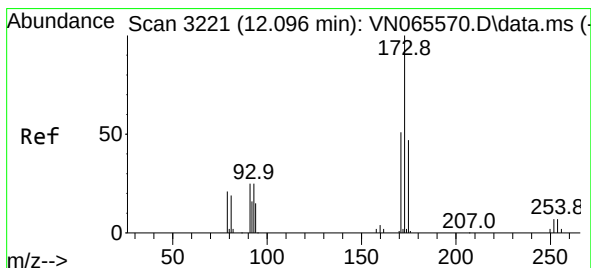
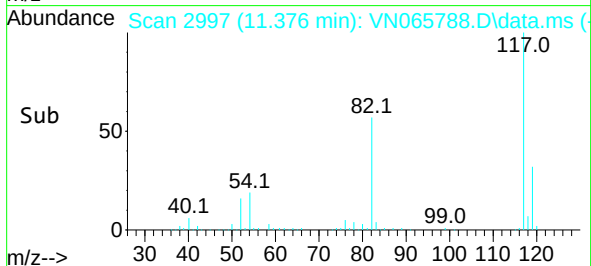
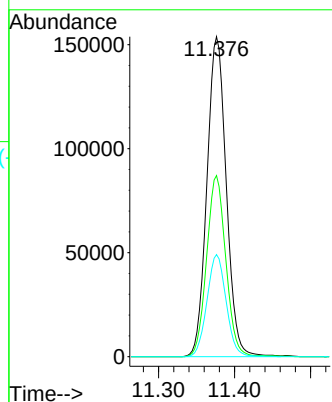
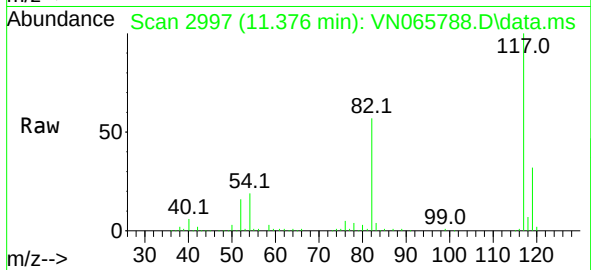




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

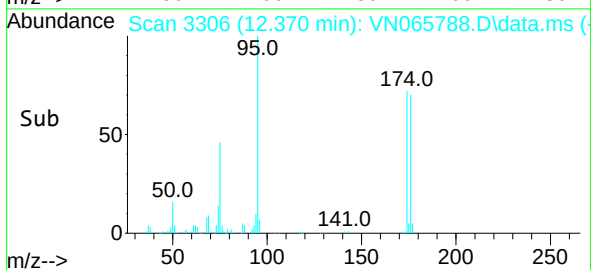
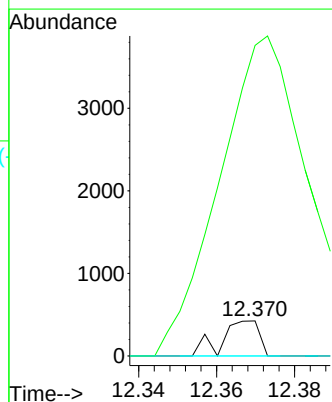
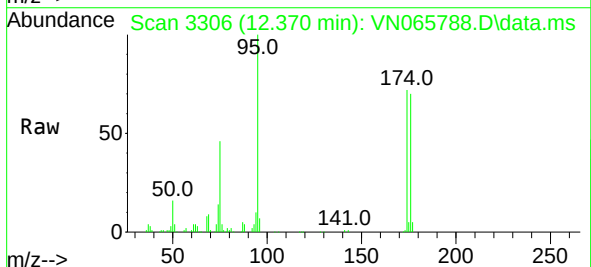
Instrument :
MSVOA_N
ClientSampled :

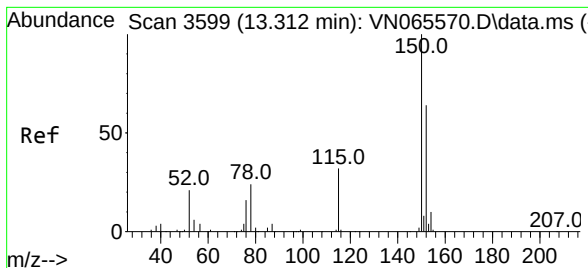
Tgt Ion:117 Resp: 271982
Ion Ratio Lower Upper
117 100
82 56.6 43.7 65.5
119 31.9 26.1 39.1



#71
Bromoform
Concen: 0.20 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065788.D
Acq: 9 Feb 2021 18:27

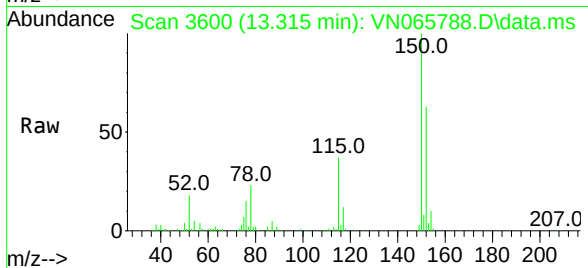
Tgt Ion:173 Resp: 285
Ion Ratio Lower Upper
173 100
175 1856.5 23.8 71.2#
254 0.0 0.0 0.0



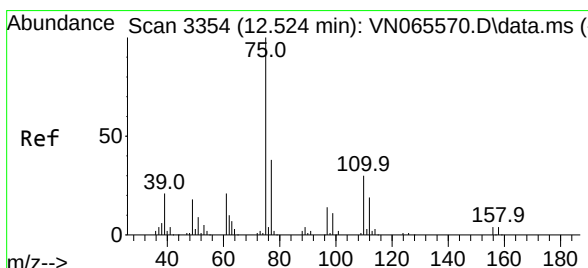
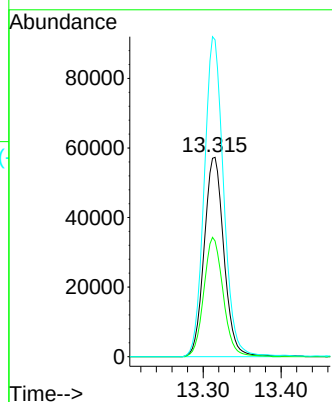
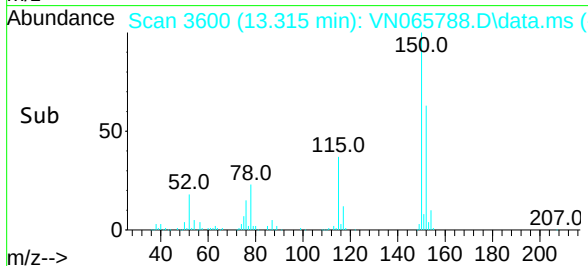


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065788.D
 Acq: 9 Feb 2021 18:27

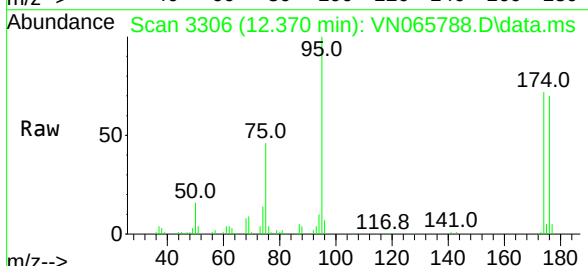
Instrument :
 MSVOA_N
 ClientSampled :



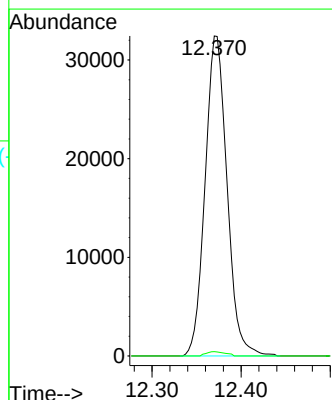
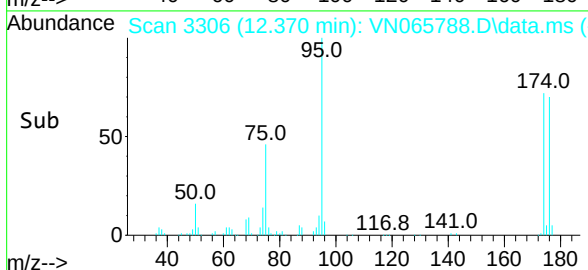
Tgt Ion:152 Resp: 100904
 Ion Ratio Lower Upper
 152 100
 115 58.5 28.5 85.6
 150 157.4 0.0 347.6

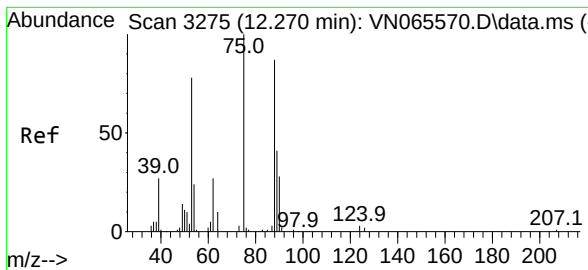


#76
 1,2,3-Trichloropropane
 Concen: 20.99 ug/l
 RT: 12.370 min Scan# 3306
 Delta R.T. -0.154 min
 Lab File: VN065788.D
 Acq: 9 Feb 2021 18:27



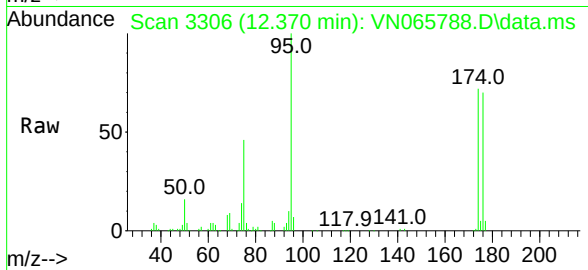
Tgt Ion: 75 Resp: 55376
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 53.76 ug/l
 RT: 12.370 min Scan# 3306
 Delta R.T. 0.100 min
 Lab File: VN065788.D
 Acq: 9 Feb 2021 18:27

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 55376
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

