

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065612.D
 Acq On : 26 Jan 2021 18:29
 Operator : JC/MD
 Sample : M1220-05ME
 Misc : 3.75g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:31:51 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)

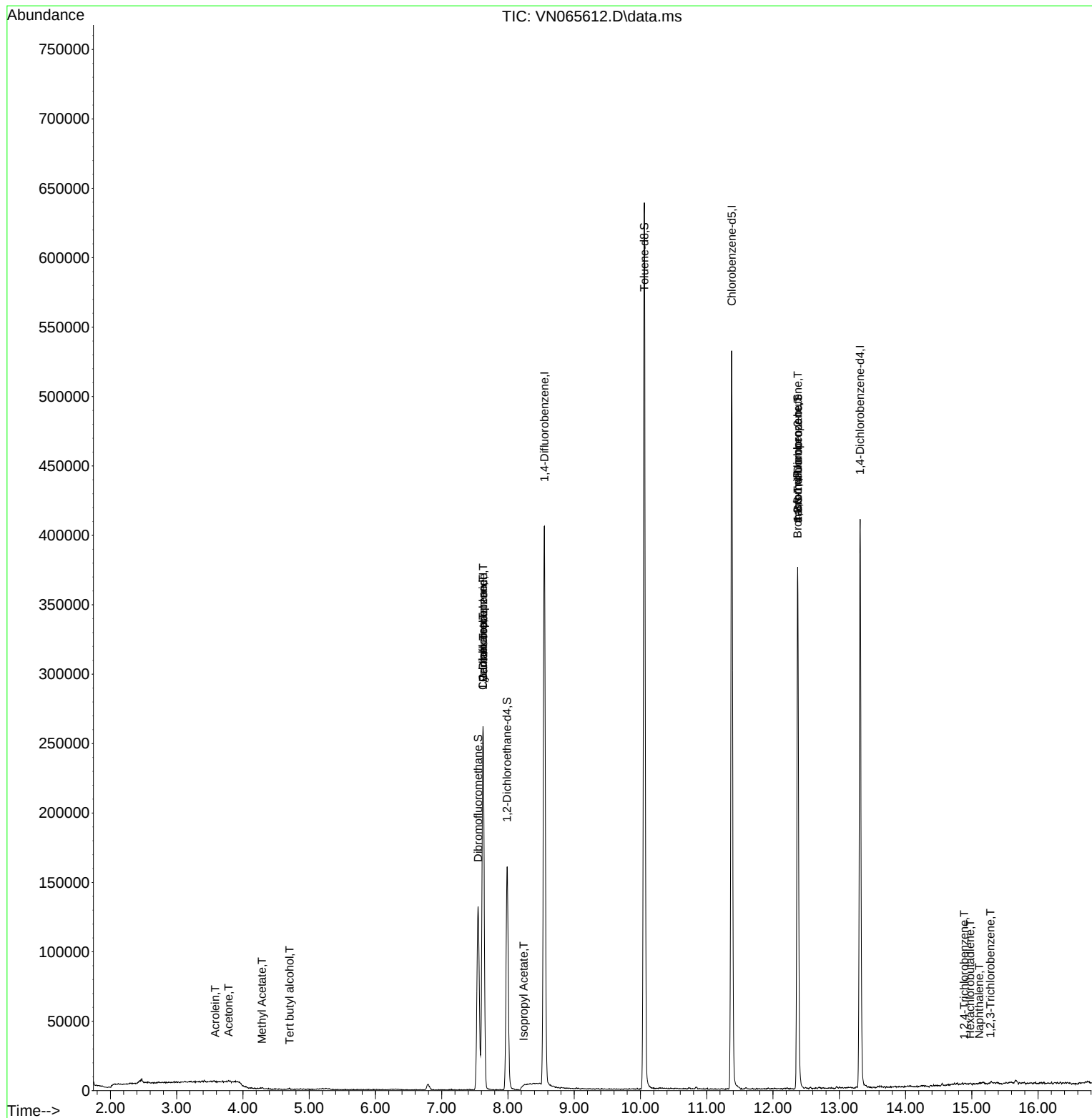
Internal Standards						
1) Pentafluorobenzene	7.624	168	212131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	365122	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	317332	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	114938	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	136005	48.73	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.46%		
35) Dibromofluoromethane	7.550	113	108502	50.15	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	100.30%		
50) Toluene-d8	10.058	98	460020	54.09	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	108.18%		
62) 4-Bromofluorobenzene	12.373	95	150836	49.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	98.50%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.704	59	123	0.24	ug/l #	73
13) Acrolein	3.582	56	603	19.32	ug/l #	33
16) Acetone	3.782	43	956	0.88	ug/l #	59
18) Methyl Acetate	4.286	43	720	0.24	ug/l #	51
31) Cyclohexane	7.621	56	4653	0.89	ug/l #	1
36) 1,1-Dichloropropene	7.621	75	17372	4.73	ug/l #	45
38) Carbon Tetrachloride	7.624	117	20836	6.89	ug/l #	16
43) Isopropyl Acetate	8.238	43	3111	0.50	ug/l #	53
71) Bromoform	12.370	173	350	0.22	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	71343	23.74	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	71343	60.80	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.884	180	247	3.46	ug/l #	22
94) Hexachlorobutadiene	14.977	225	98	0.32	ug/l #	18
95) Naphthalene	15.112	128	1864	3.68	ug/l #	72
96) 1,2,3-Trichlorobenzene	15.283	180	453	3.03	ug/l #	72

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

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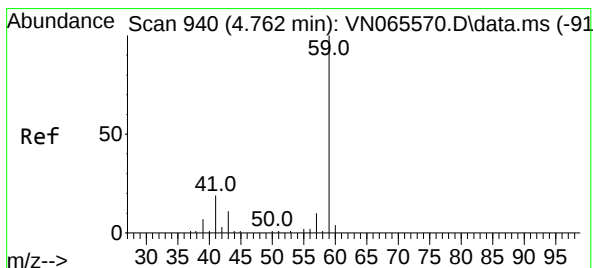
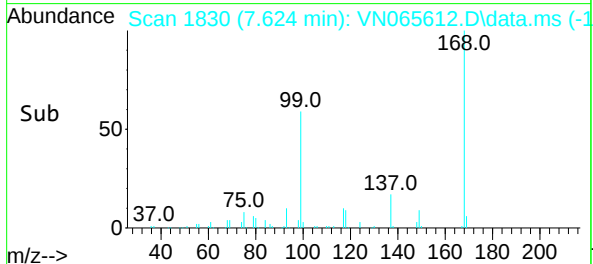
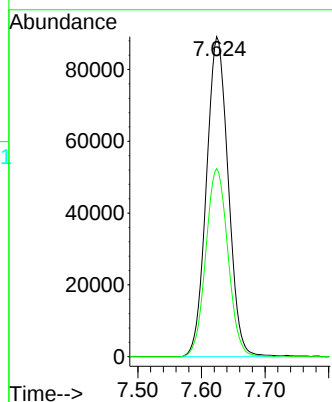
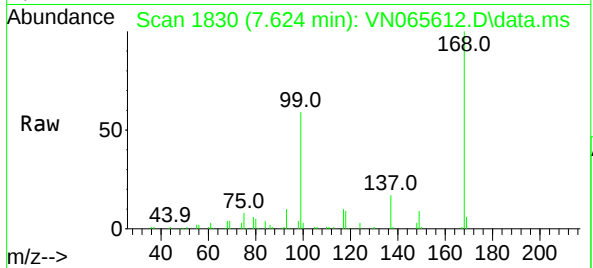




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

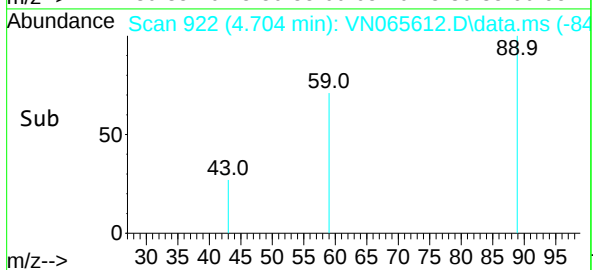
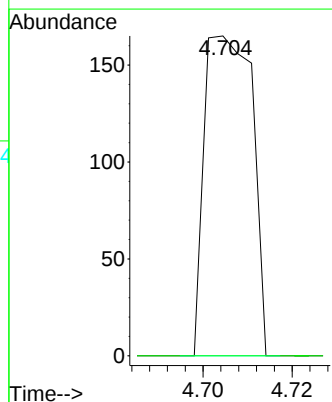
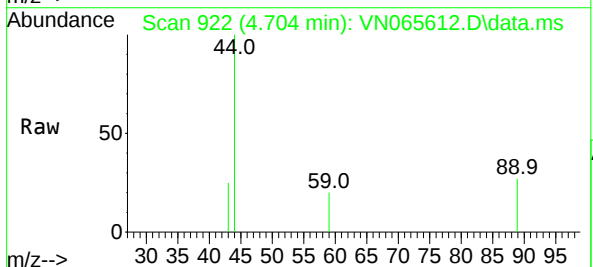
Instrument :
MSVOA_N
ClientSampled :

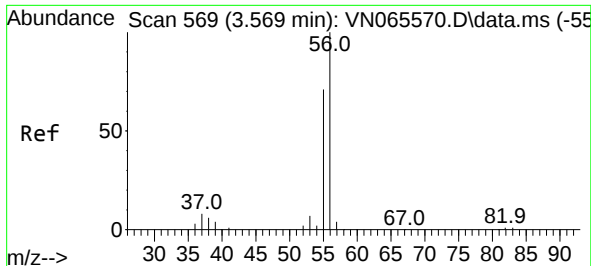
Tgt Ion:168 Resp: 212131
Ion Ratio Lower Upper
168 100
99 58.7 42.6 63.8



#11
Tert butyl alcohol
Concen: 0.24 ug/l
RT: 4.704 min Scan# 922
Delta R.T. -0.058 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion: 59 Resp: 123
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

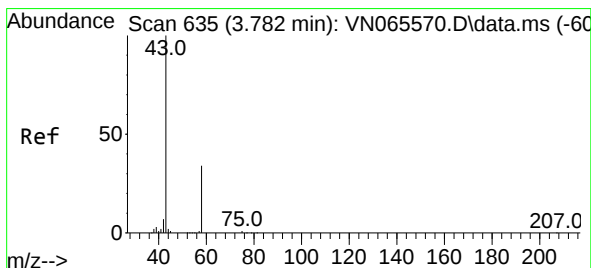
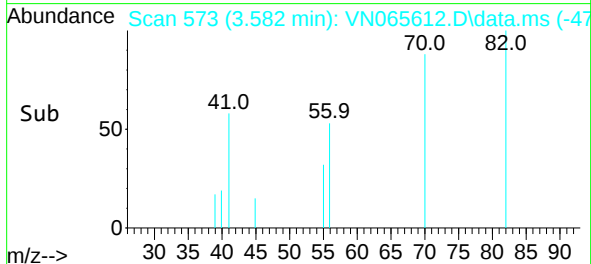
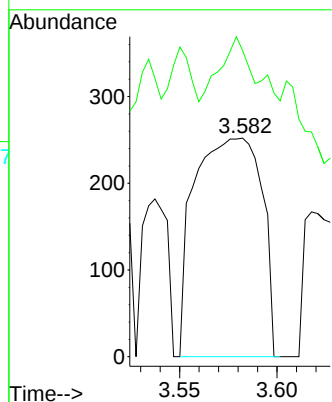
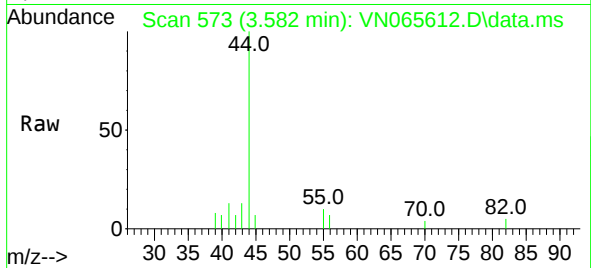




#13
Acrolein
Concen: 19.32 ug/l
RT: 3.582 min Scan# 573
Delta R.T. 0.013 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

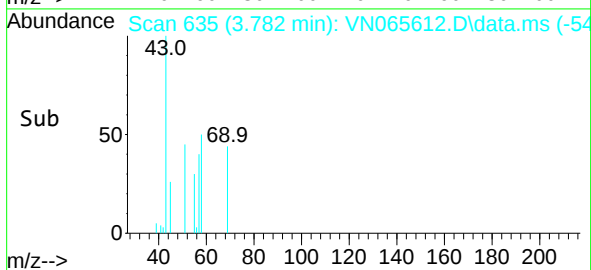
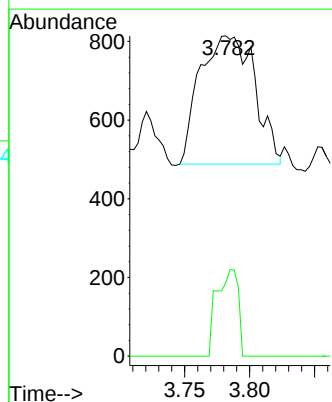
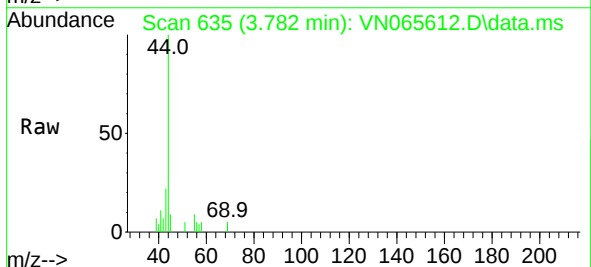
Instrument :
MSVOA_N
ClientSampleId :

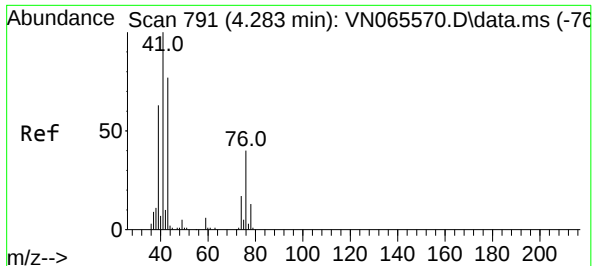
Tgt Ion: 56 Resp: 603
Ion Ratio Lower Upper
56 100
55 15.3 56.0 84.0#



#16
Acetone
Concen: 0.88 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion: 43 Resp: 956
Ion Ratio Lower Upper
43 100
58 57.4 27.0 40.6#





#18

Methyl Acetate

Concen: 0.24 ug/l

RT: 4.286 min Scan# 792

Delta R.T. 0.003 min

Lab File: VN065612.D

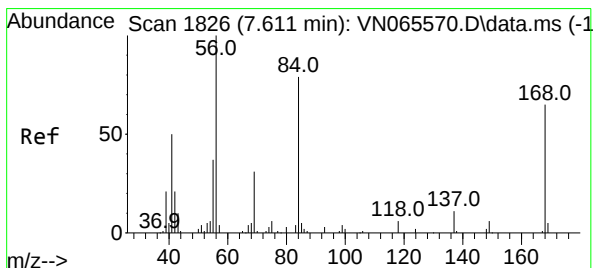
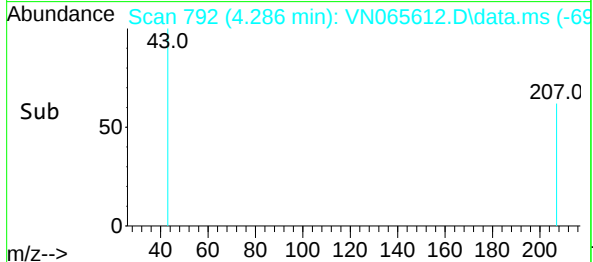
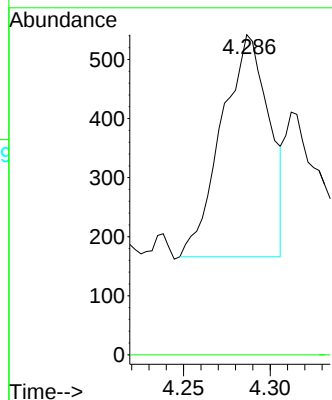
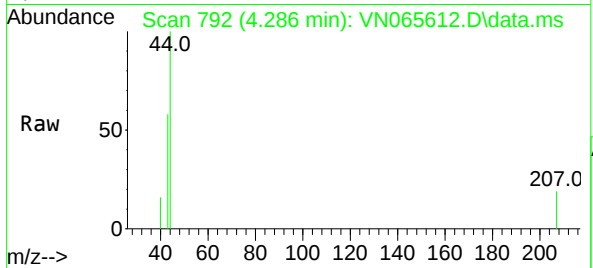
Acq: 26 Jan 2021 18:29

Tgt Ion: 43 Resp: 720

Ion Ratio Lower Upper

43 100

74 0.0 19.5 29.3#



#31

Cyclohexane

Concen: 0.89 ug/l

RT: 7.621 min Scan# 1829

Delta R.T. 0.010 min

Lab File: VN065612.D

Acq: 26 Jan 2021 18:29

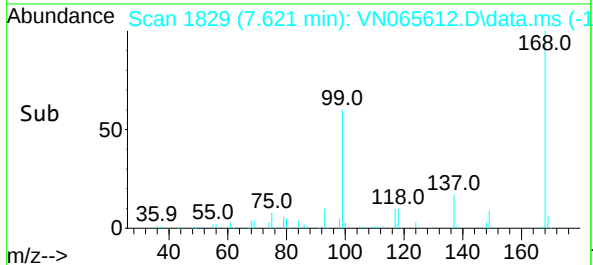
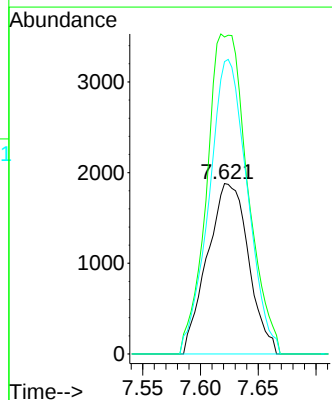
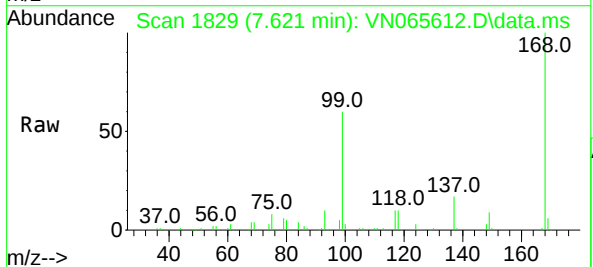
Tgt Ion: 56 Resp: 4653

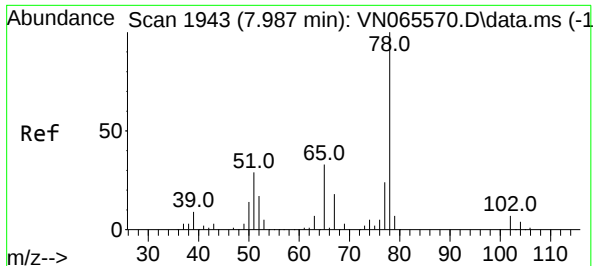
Ion Ratio Lower Upper

56 100

69 185.9 26.6 39.8#

84 171.4 70.4 105.6#

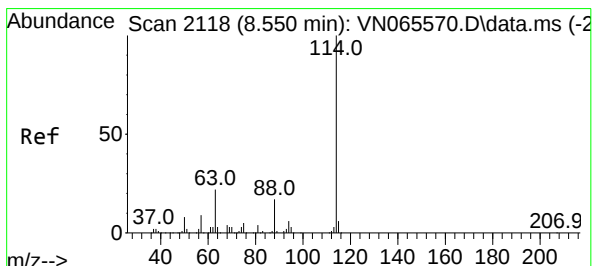
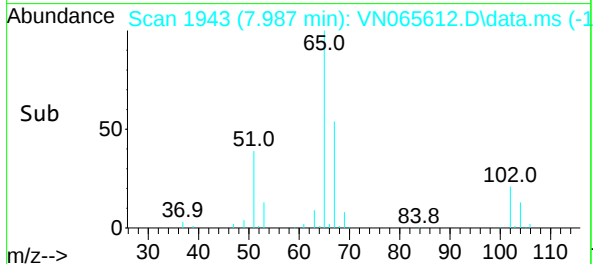
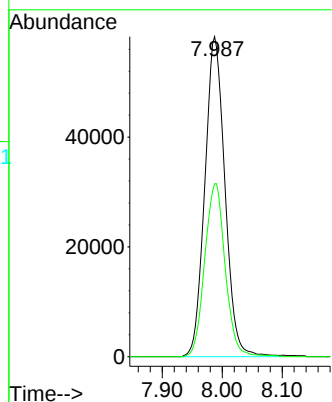
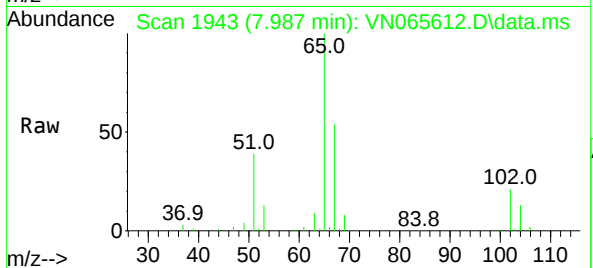




#33
1,2-Dichloroethane-d4
Concen: 48.73 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

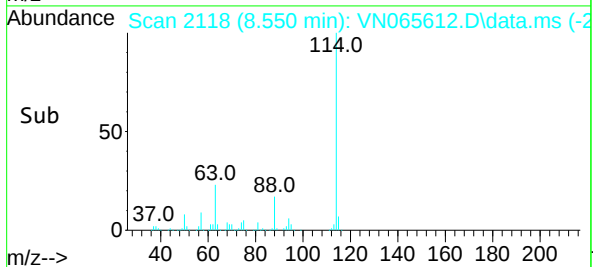
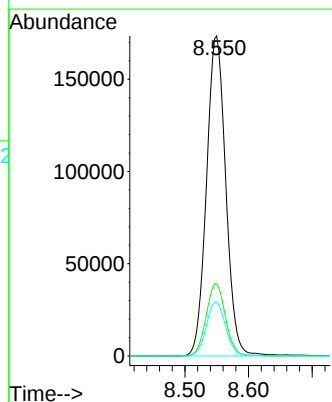
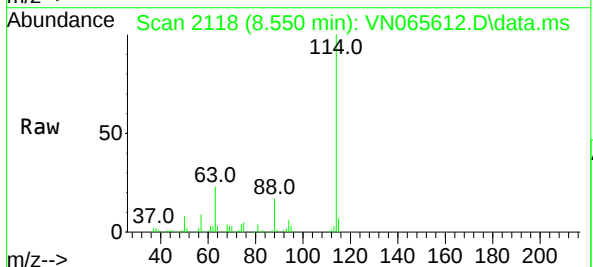
Instrument :
MSVOA_N
ClientSampled :

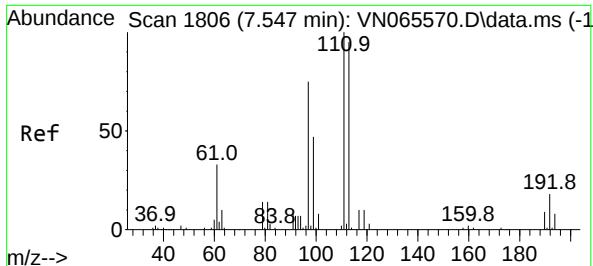
Tgt Ion: 65 Resp: 136005
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion: 114 Resp: 365122
Ion Ratio Lower Upper
114 100
63 22.6 0.0 38.6
88 16.9 0.0 30.6

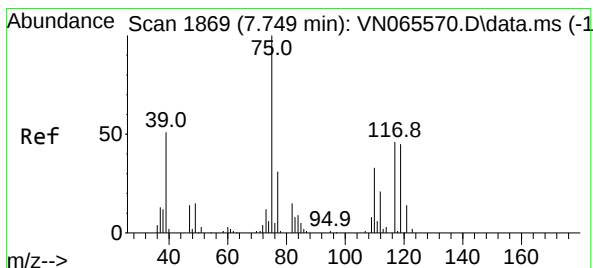
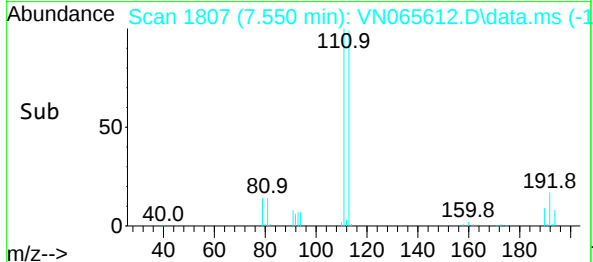
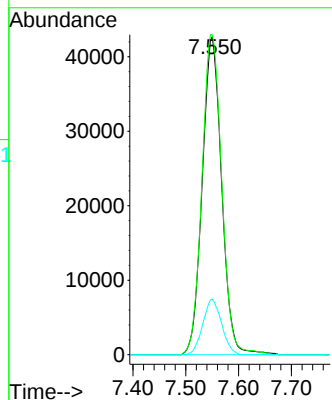
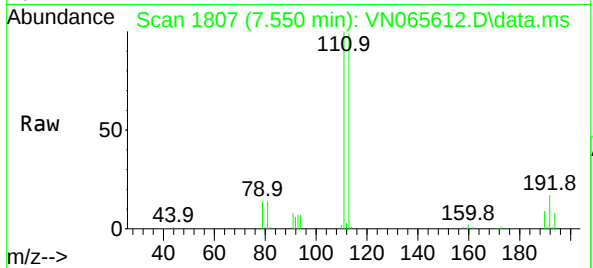




#35
Dibromofluoromethane
Concen: 50.15 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

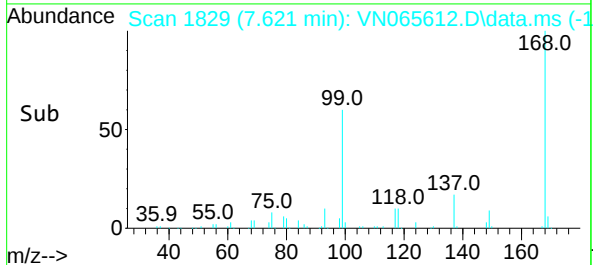
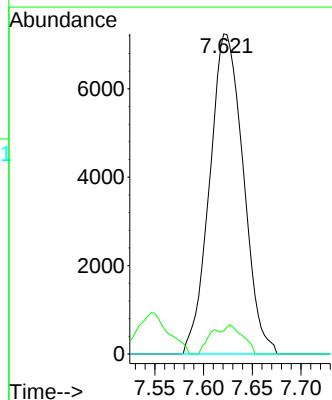
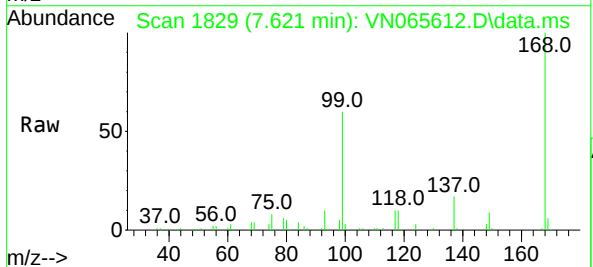
Instrument :
MSVOA_N
ClientSampleId :

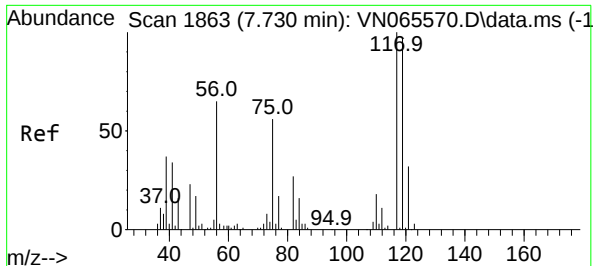
Tgt Ion:113 Resp: 108502
Ion Ratio Lower Upper
113 100
111 102.2 82.2 123.2
192 16.9 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.73 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.128 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

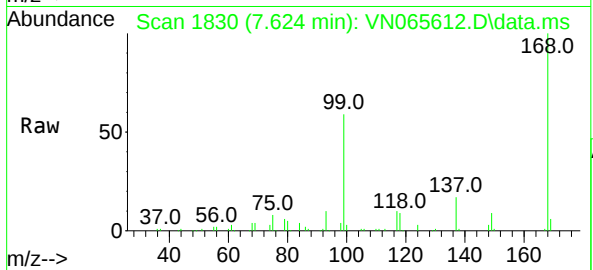
Tgt Ion: 75 Resp: 17372
Ion Ratio Lower Upper
75 100
110 4.6 18.2 54.6#
77 0.0 24.9 37.3#



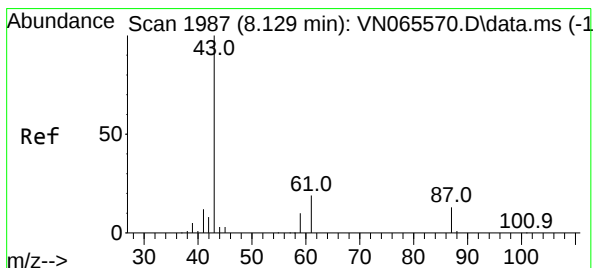
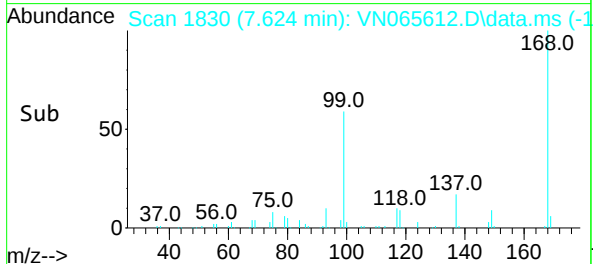
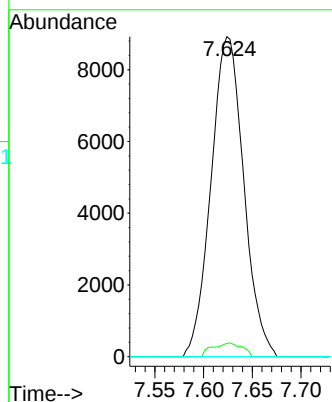


#38
Carbon Tetrachloride
Concen: 6.89 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Instrument :
MSVOA_N
ClientSampleId :

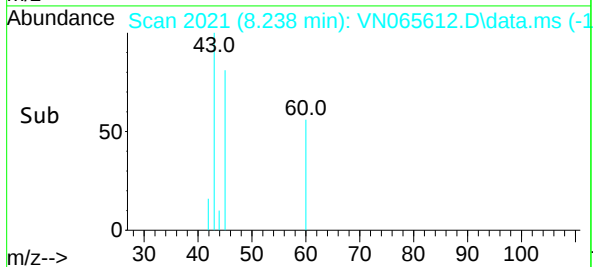
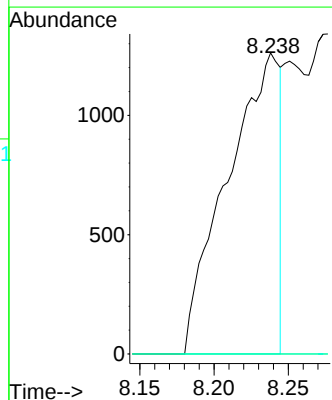
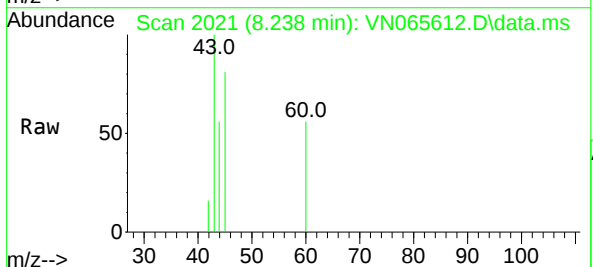


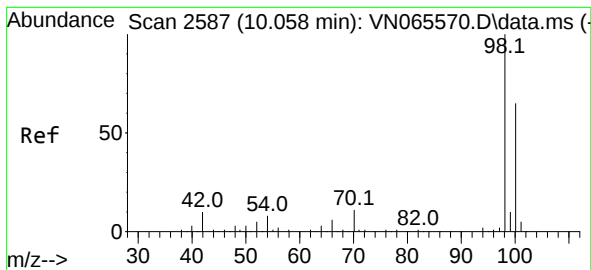
Tgt Ion:117 Resp: 20836
Ion Ratio Lower Upper
117 100
119 4.2 76.0 114.0#
121 0.0 24.5 36.7#



#43
Isopropyl Acetate
Concen: 0.50 ug/l
RT: 8.238 min Scan# 2021
Delta R.T. 0.109 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion: 43 Resp: 3111
Ion Ratio Lower Upper
43 100
61 0.0 22.5 33.7#
87 0.0 11.1 16.7#

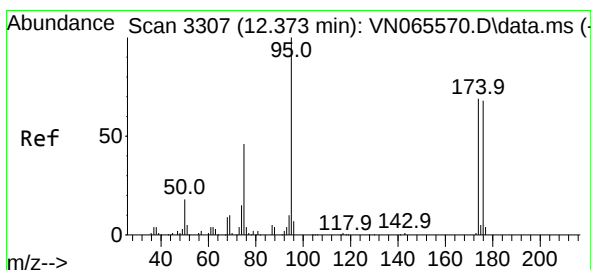
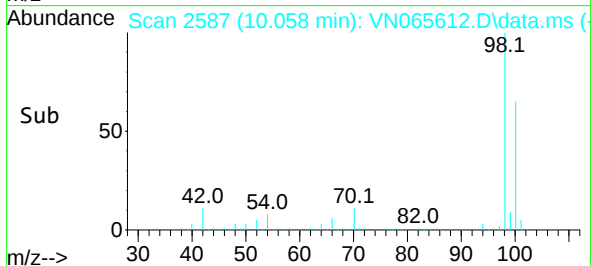
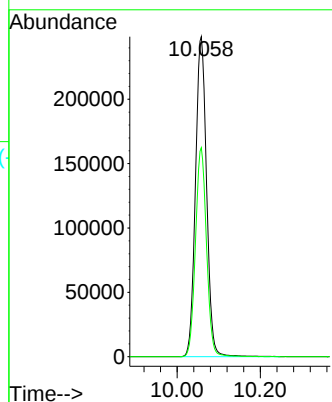
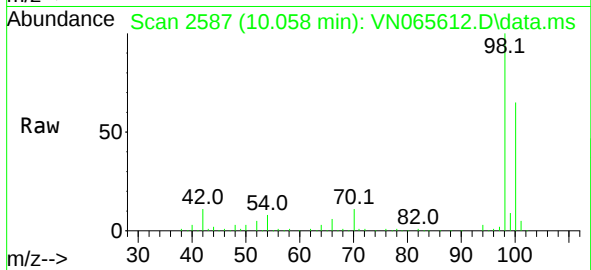




#50
Toluene-d8
Concen: 54.09 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

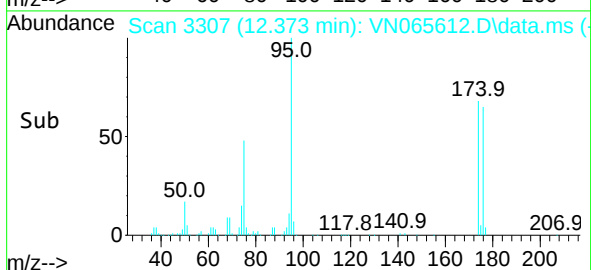
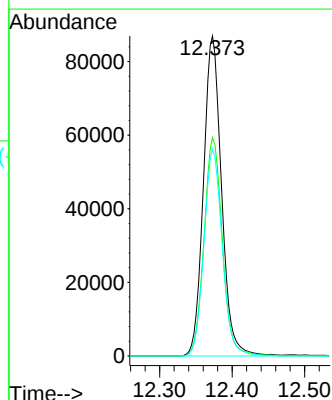
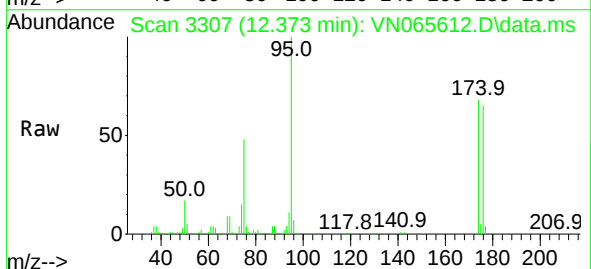
Instrument :
MSVOA_N
ClientSampled :

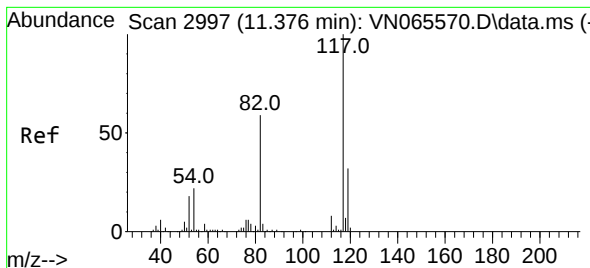
Tgt Ion: 98 Resp: 460020
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 49.25 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion: 95 Resp: 150836
Ion Ratio Lower Upper
95 100
174 69.1 0.0 169.0
176 65.3 0.0 162.4

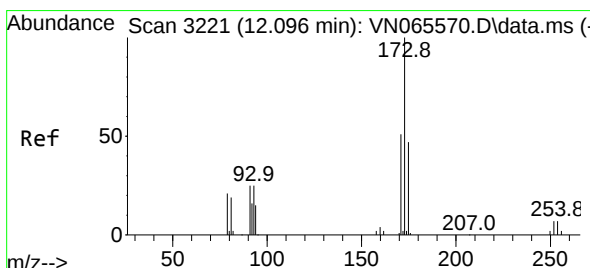
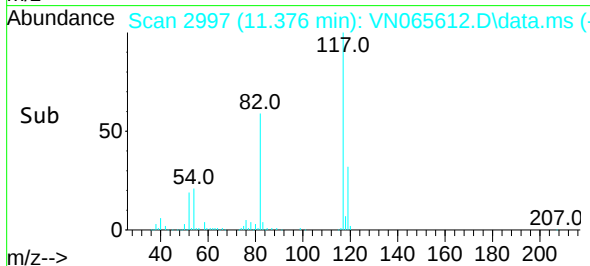
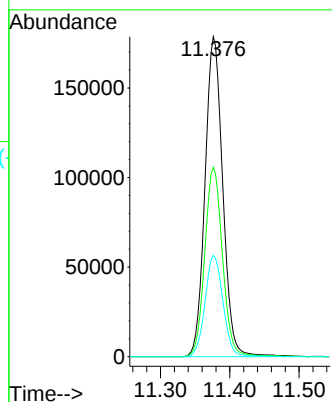
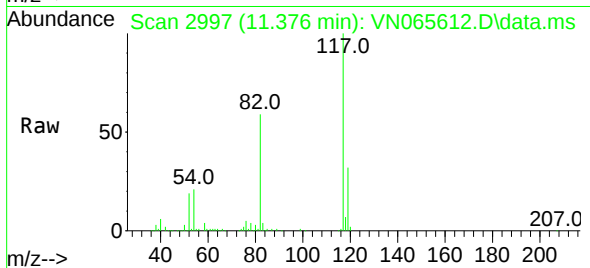




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

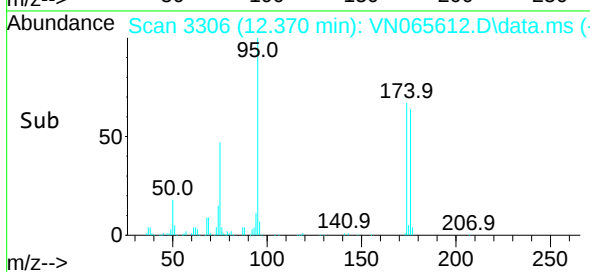
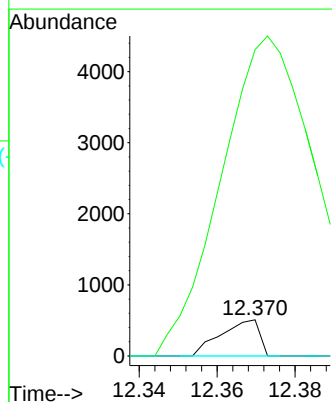
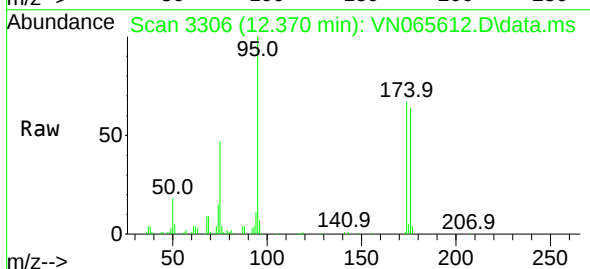
Instrument :
MSVOA_N
ClientSampleId :

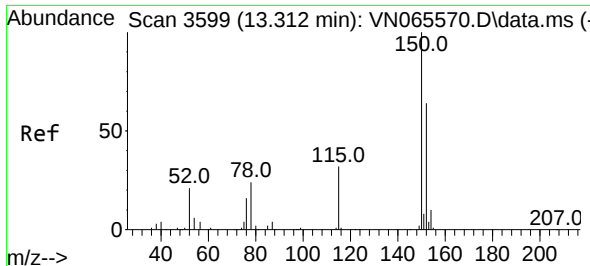
Tgt Ion:117 Resp: 317332
Ion Ratio Lower Upper
117 100
82 59.2 43.7 65.5
119 31.7 26.1 39.1



#71
Bromoform
Concen: 0.22 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion:173 Resp: 350
Ion Ratio Lower Upper
173 100
175 1794.0 23.8 71.2#
254 0.0 0.0 0.0

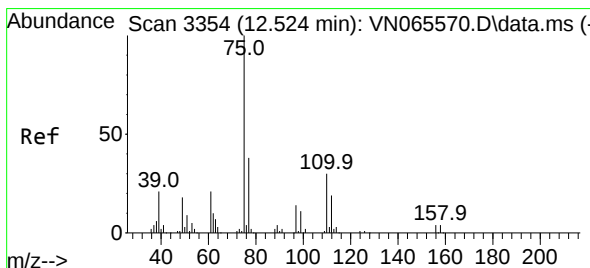
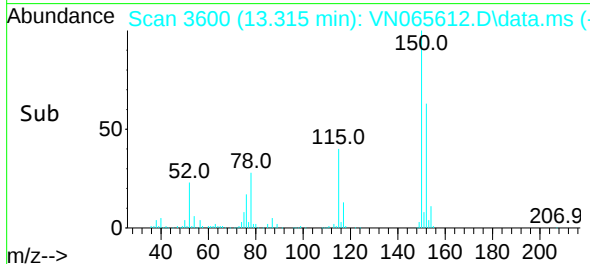
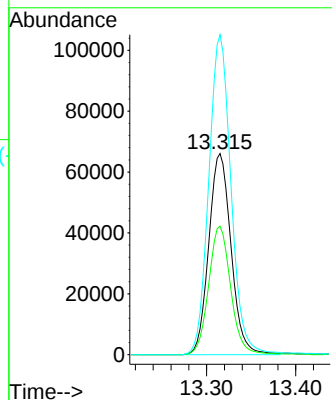
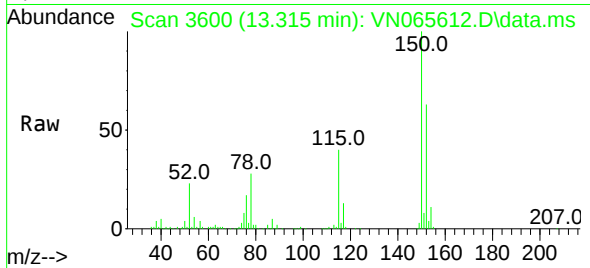




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

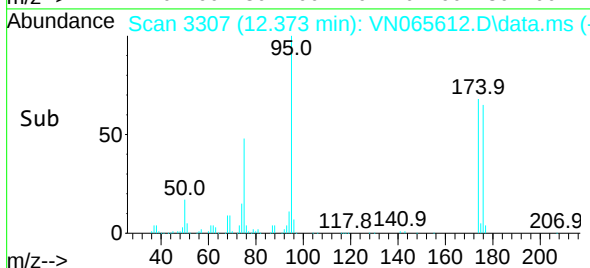
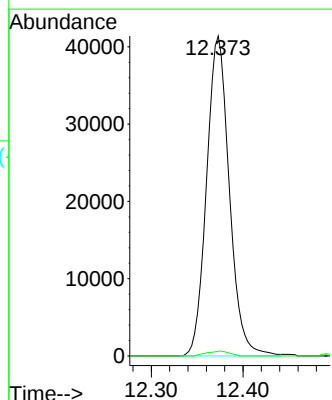
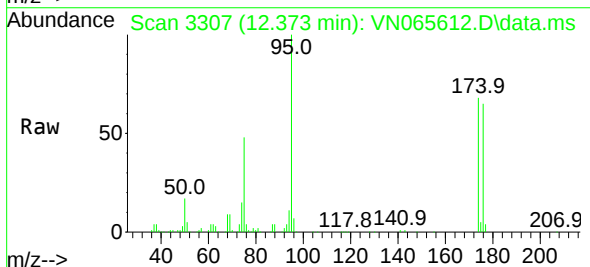
Instrument :
MSVOA_N
ClientSampleId :

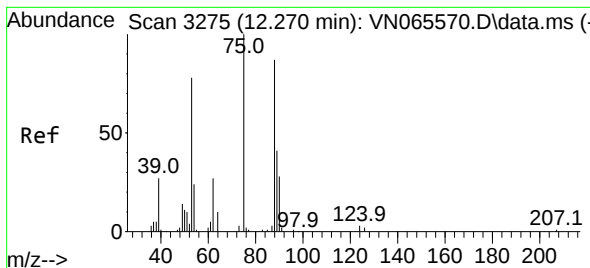
Tgt Ion:152 Resp: 114938
Ion Ratio Lower Upper
152 100
115 63.1 28.5 85.6
150 158.3 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 23.74 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

Tgt Ion: 75 Resp: 71343
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

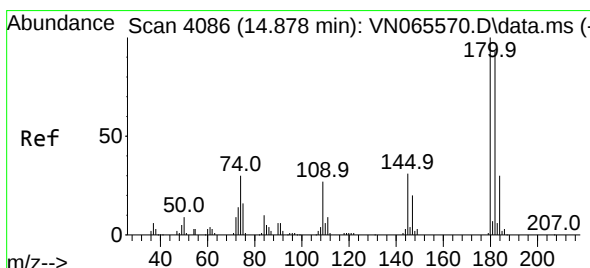
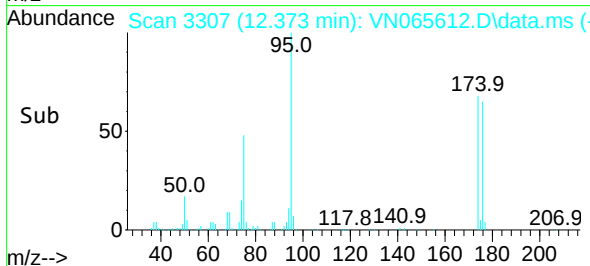
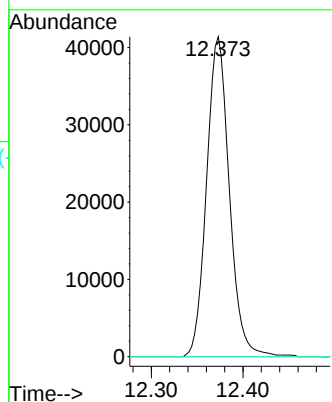
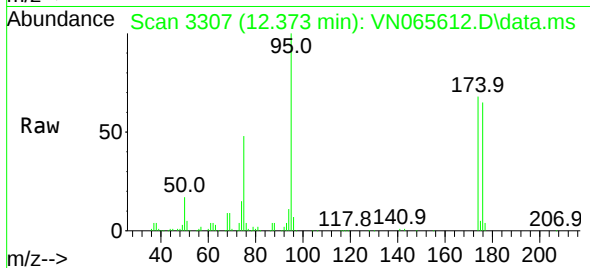




#81
trans-1,4-Dichloro-2-butene
Concen: 60.80 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

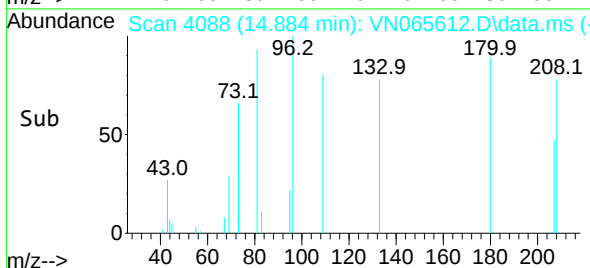
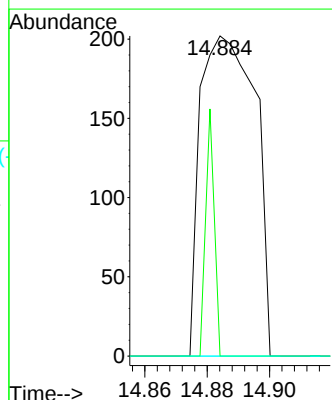
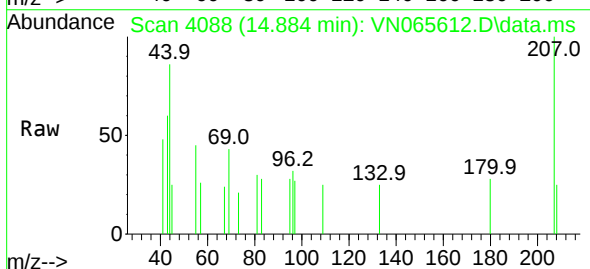
Instrument :
MSVOA_N
ClientSampleId :

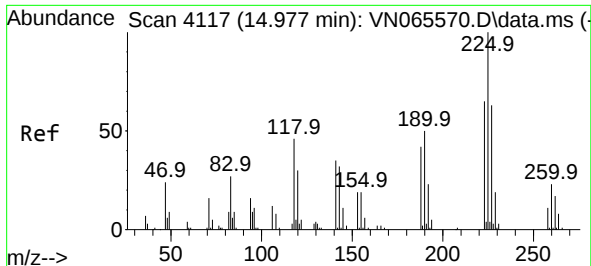
Tgt Ion: 75 Resp: 71343
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.46 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

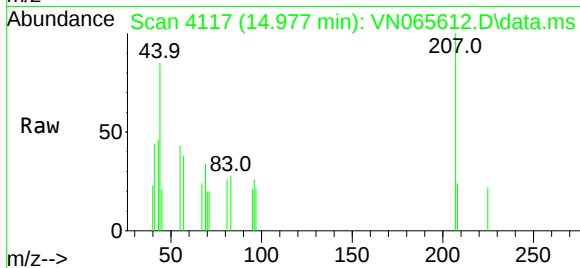
Tgt Ion:180 Resp: 247
Ion Ratio Lower Upper
180 100
182 12.1 47.3 142.0#
145 0.0 15.6 46.8#



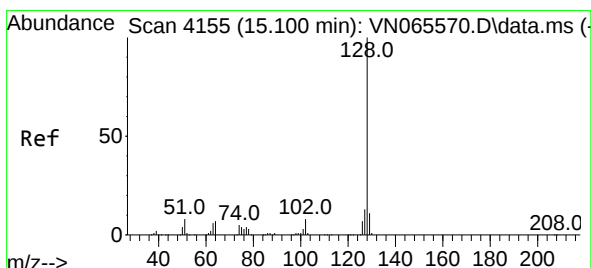
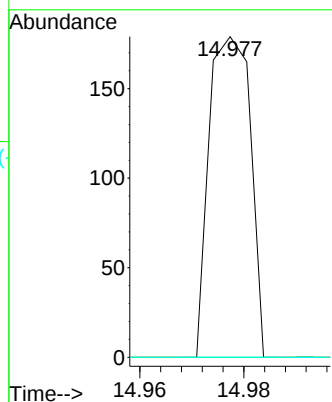
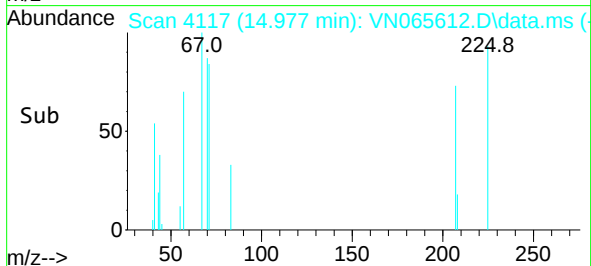


#94
Hexachlorobutadiene
Concen: 0.32 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29

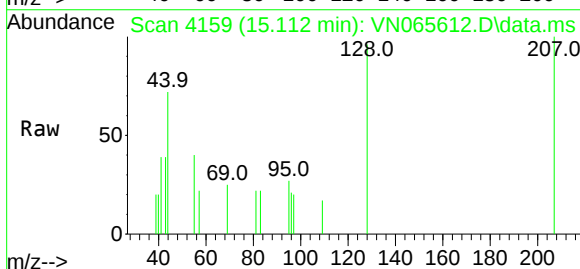
Instrument :
MSVOA_N
ClientSampleId :



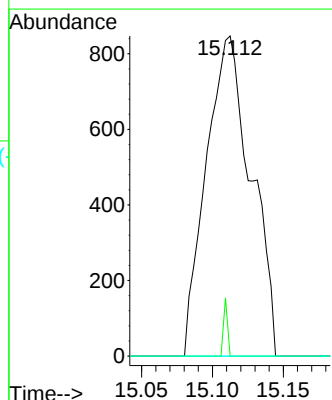
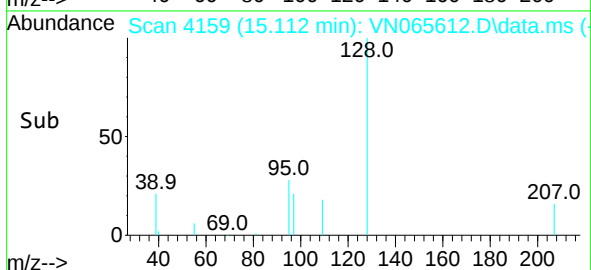
Tgt Ion:225 Resp: 98
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 0.0 31.6 95.0#

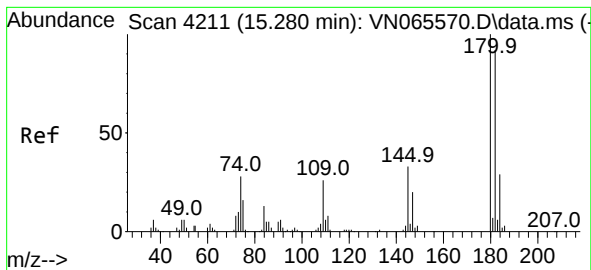


#95
Naphthalene
Concen: 3.68 ug/l
RT: 15.112 min Scan# 4159
Delta R.T. 0.012 min
Lab File: VN065612.D
Acq: 26 Jan 2021 18:29



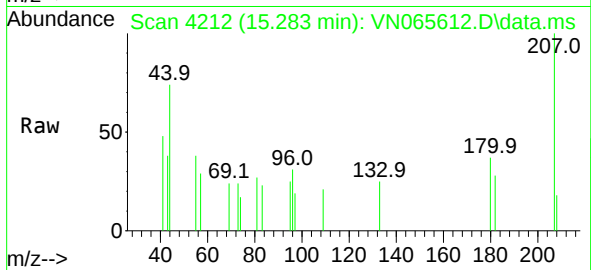
Tgt Ion:128 Resp: 1864
Ion Ratio Lower Upper
128 100
127 1.6 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.03 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.003 min
 Lab File: VN065612.D
 Acq: 26 Jan 2021 18:29

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 453
 Ion Ratio Lower Upper
 180 100
 182 74.0 47.4 142.3
 145 6.8 16.5 49.5#

