

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020421\
 Data File : VN065713.D
 Acq On : 4 Feb 2021 13:26
 Operator : JC/MD
 Sample : M1288-09
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 05 02:16:21 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)

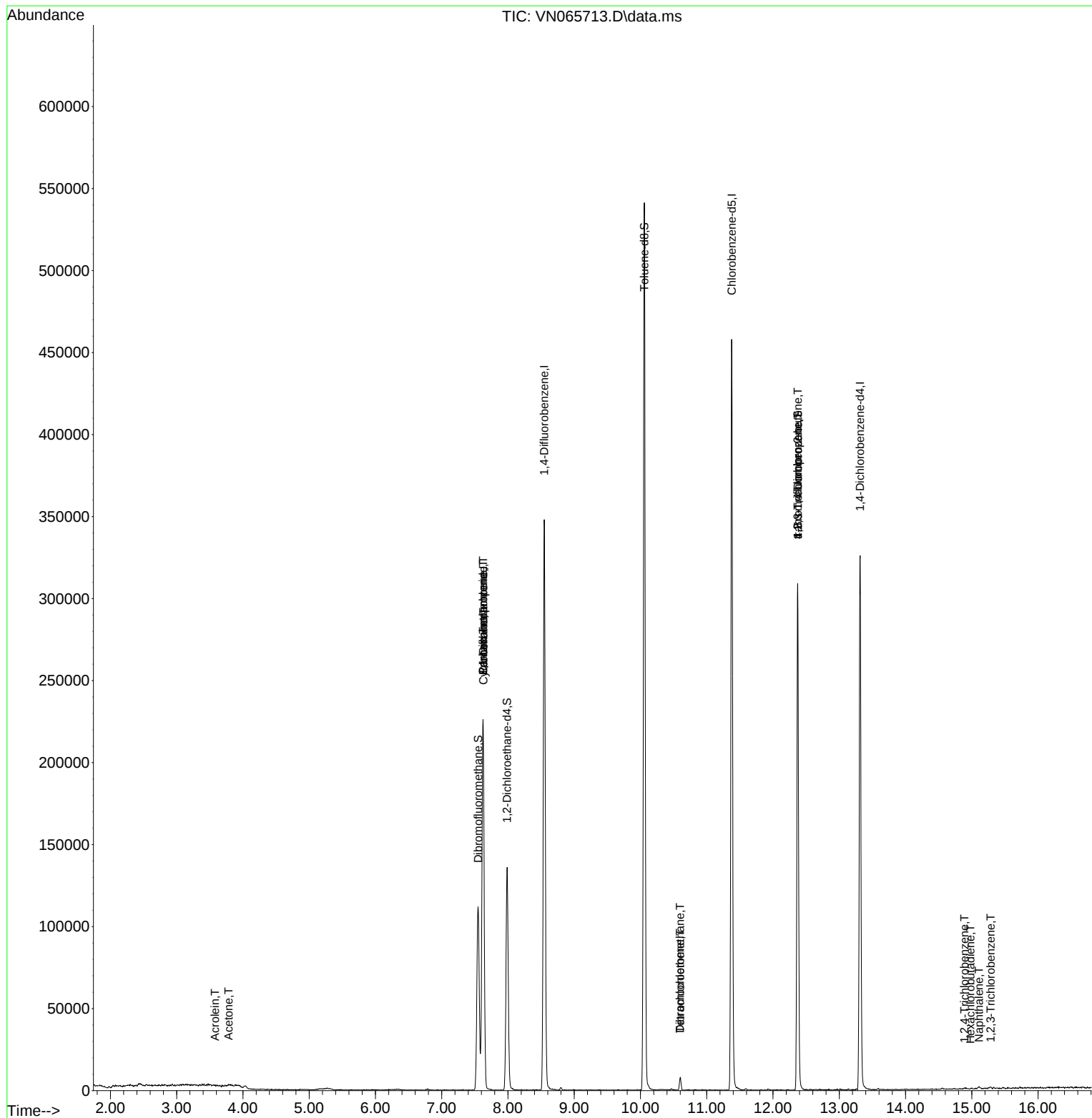
Internal Standards						
1) Pentafluorobenzene	7.624	168	189896	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	321058	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	277796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	97030	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	114570	45.86	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.72%		
35) Dibromofluoromethane	7.550	113	92558	48.65	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.30%		
50) Toluene-d8	10.058	98	397995	53.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	106.44%		
62) 4-Bromofluorobenzene	12.373	95	124299	46.16	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.32%		
Target Compounds						
					Qvalue	
13) Acrolein	3.579	56	65	18.24	ug/l #	15
16) Acetone	3.782	43	603	0.62	ug/l #	41
31) Cyclohexane	7.627	56	3466	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	14740	4.56	ug/l #	46
38) Carbon Tetrachloride	7.624	117	17474	6.57	ug/l #	16
60) Dibromochloromethane	10.598	129	1860	0.82	ug/l #	11
64) Tetrachloroethene	10.598	164	1860	0.80	ug/l	93
76) 1,2,3-Trichloropropane	12.373	75	56834	22.40	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	56834	57.37	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.891	180	352	3.53	ug/l #	56
94) Hexachlorobutadiene	14.981	225	63	0.29	ug/l #	18
95) Naphthalene	15.109	128	1886	3.73	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.286	180	620	3.15	ug/l #	82

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

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Instrument :
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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

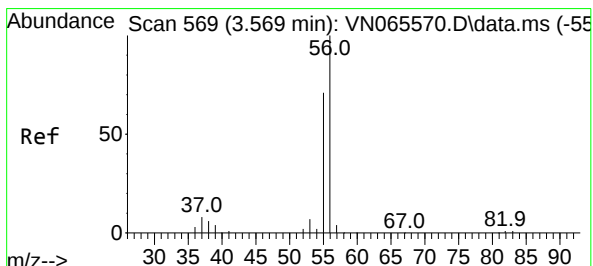
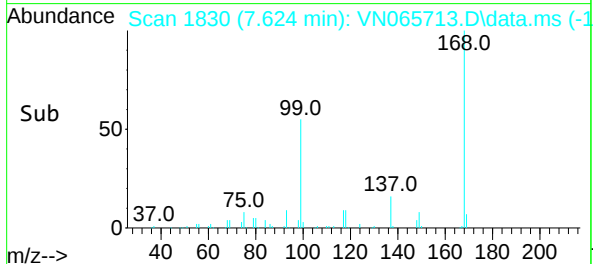
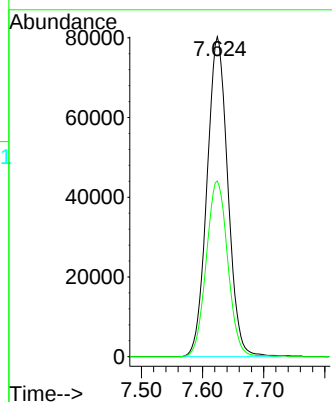
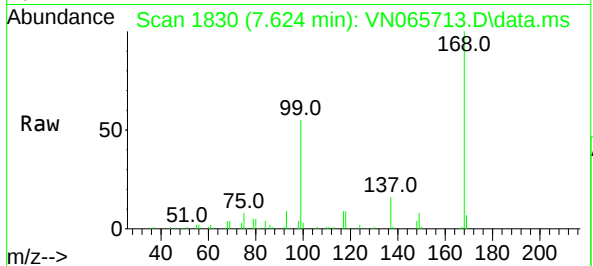




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

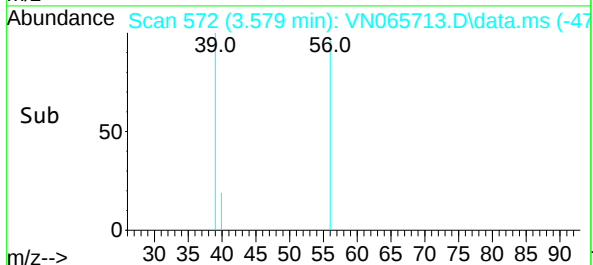
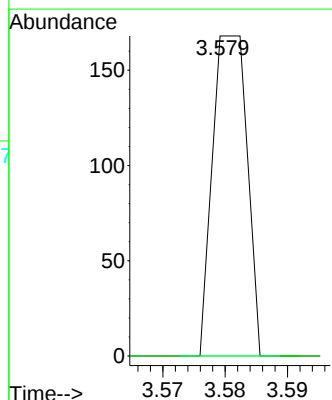
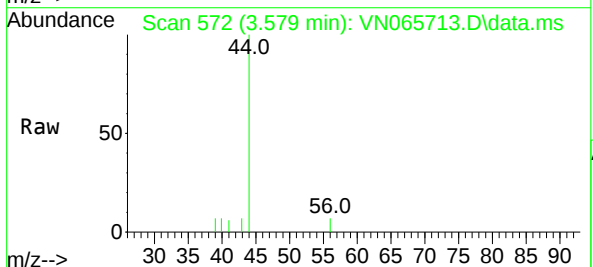
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 189896
Ion Ratio Lower Upper
168 100
99 54.9 42.6 63.8



#13
Acrolein
Concen: 18.24 ug/l
RT: 3.579 min Scan# 572
Delta R.T. 0.010 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

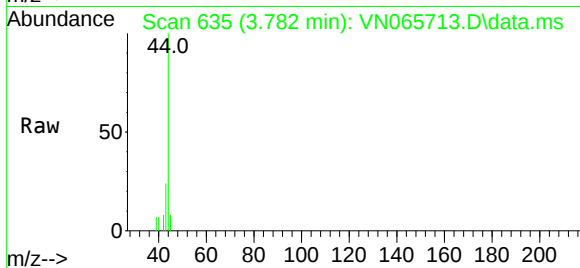
Tgt Ion: 56 Resp: 65
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



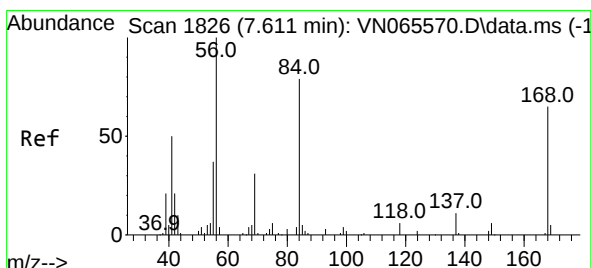
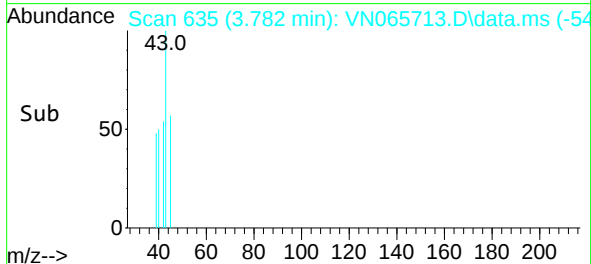
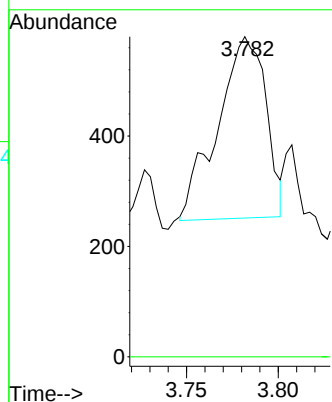


#16
Acetone
Concen: 0.62 ug/l
RT: 3.782 min Scan# 635
Delta R.T. -0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

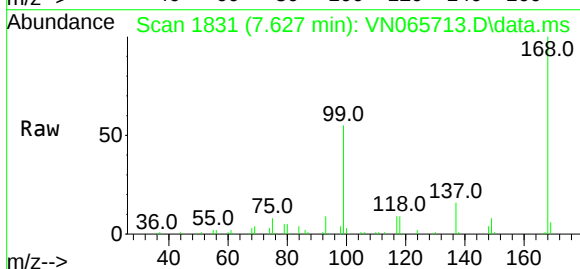
Instrument :
MSVOA_N
ClientSampled :



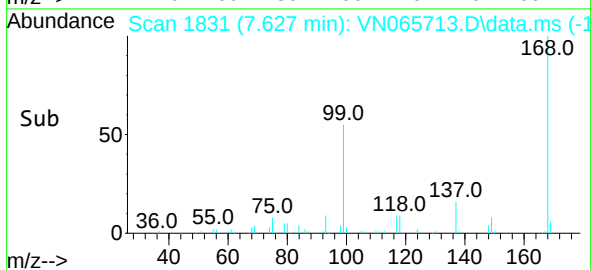
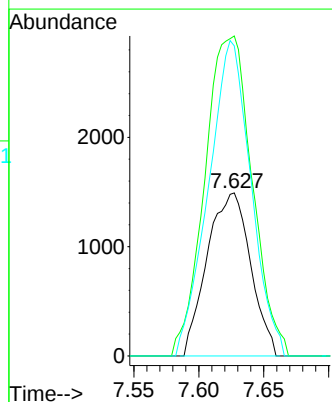
Tgt Ion: 43 Resp: 603
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#

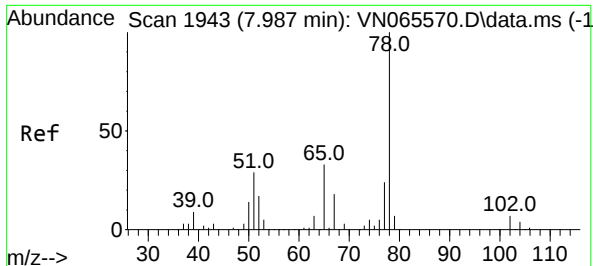


#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.016 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26



Tgt Ion: 56 Resp: 3466
Ion Ratio Lower Upper
56 100
69 182.5 26.6 39.8#
84 178.8 70.4 105.6#



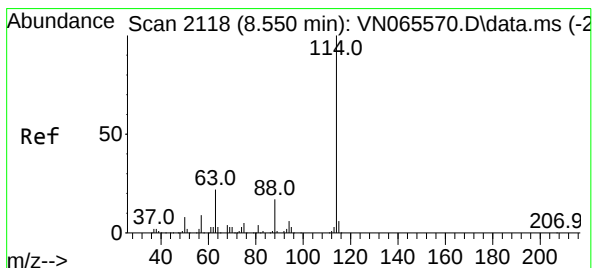
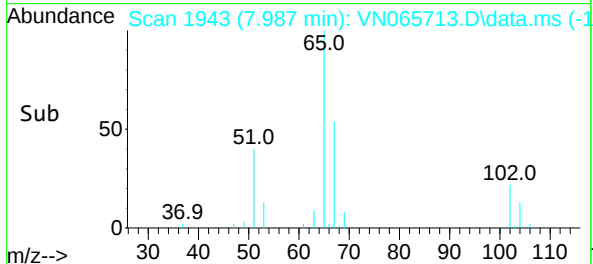
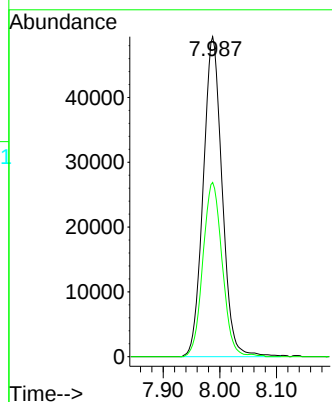
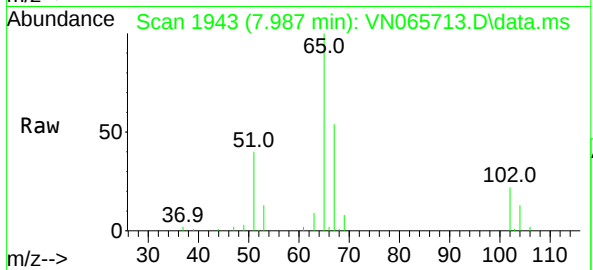


#33

1,2-Dichloroethane-d4
Concen: 45.86 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

Instrument :
MSVOA_N
ClientSampled :

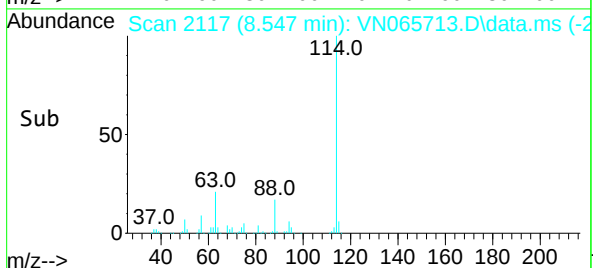
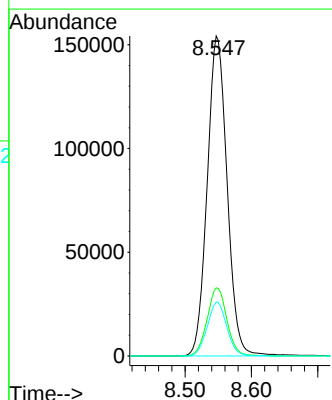
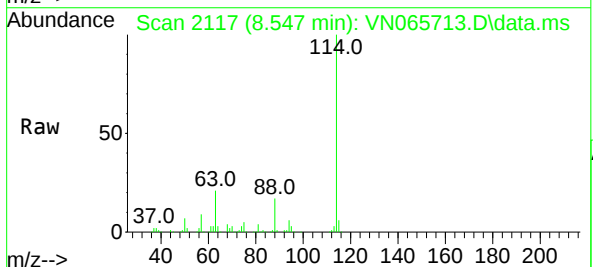
Tgt Ion: 65 Resp: 114570
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2

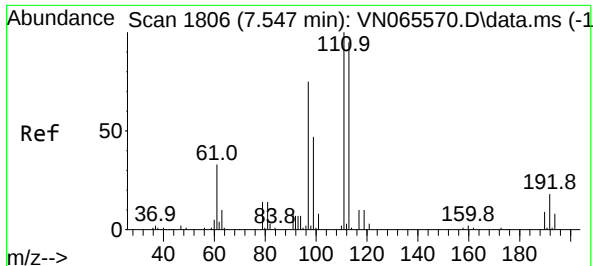


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

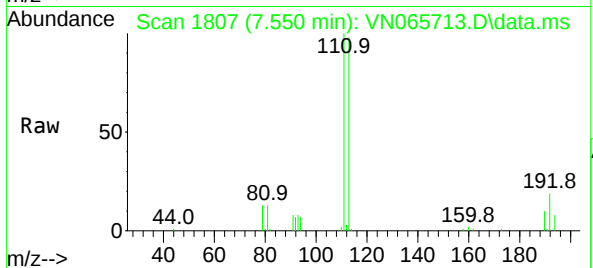
Tgt Ion: 114 Resp: 321058
Ion Ratio Lower Upper
114 100
63 21.3 0.0 38.6
88 16.9 0.0 30.6



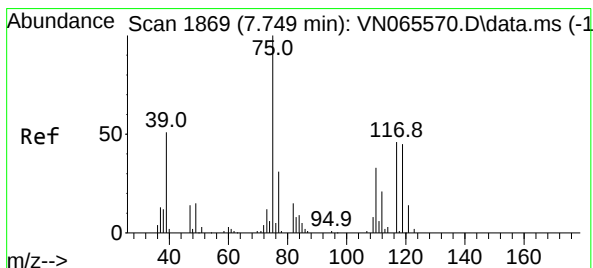
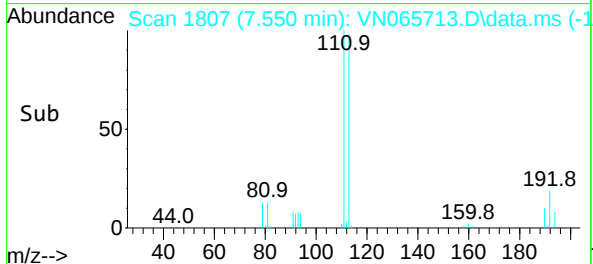
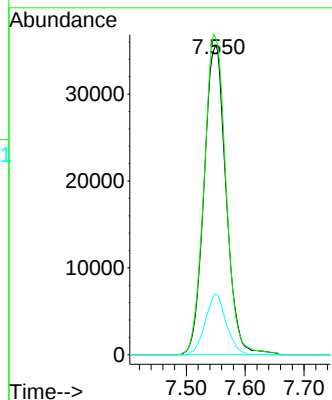


#35
 Dibromofluoromethane
 Concen: 48.65 ug/l
 RT: 7.550 min Scan# 1807
 Delta R.T. 0.003 min
 Lab File: VN065713.D
 Acq: 4 Feb 2021 13:26

Instrument :
 MSVOA_N
 ClientSampleId :

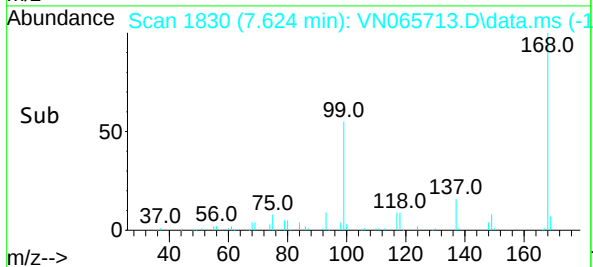
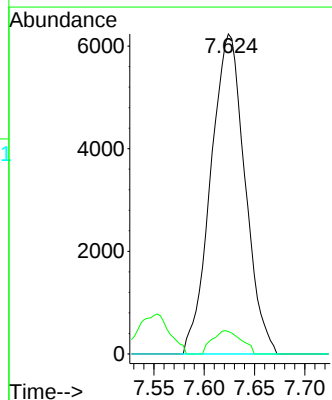
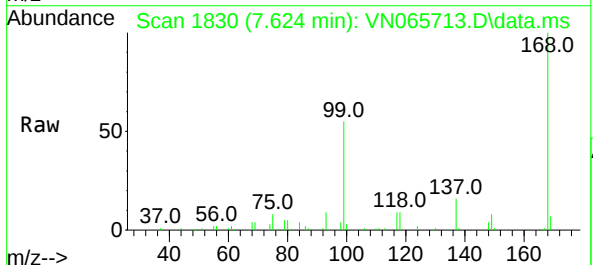


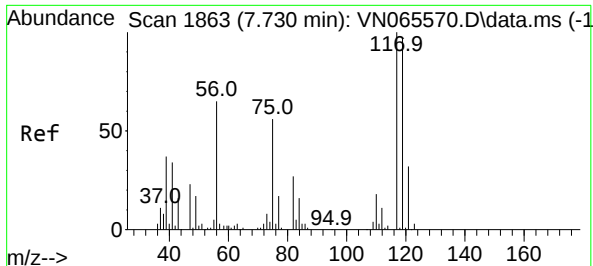
Tgt Ion:113 Resp: 92558
 Ion Ratio Lower Upper
 113 100
 111 103.5 82.2 123.2
 192 18.6 15.4 23.0



#36
 1,1-Dichloropropene
 Concen: 4.56 ug/l
 RT: 7.624 min Scan# 1830
 Delta R.T. -0.125 min
 Lab File: VN065713.D
 Acq: 4 Feb 2021 13:26

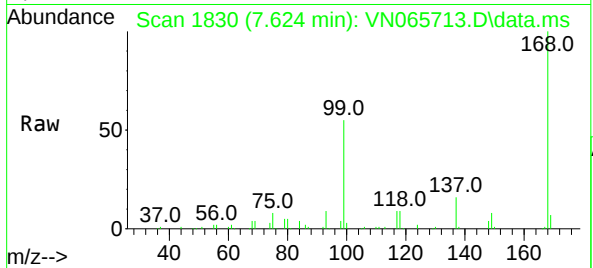
Tgt Ion: 75 Resp: 14740
 Ion Ratio Lower Upper
 75 100
 110 6.1 18.2 54.6#
 77 0.0 24.9 37.3#



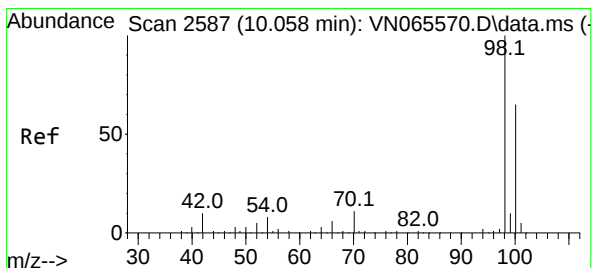
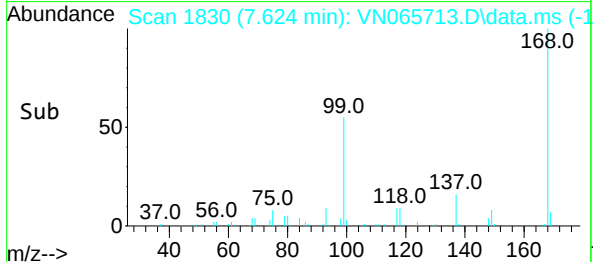
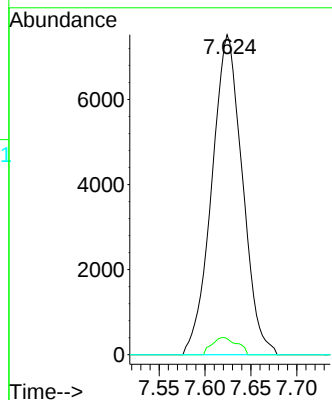


#38
Carbon Tetrachloride
Concen: 6.57 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

Instrument :
MSVOA_N
ClientSampled :

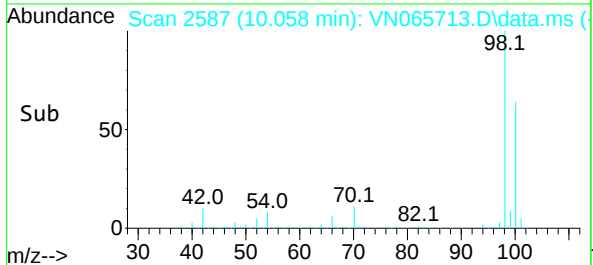
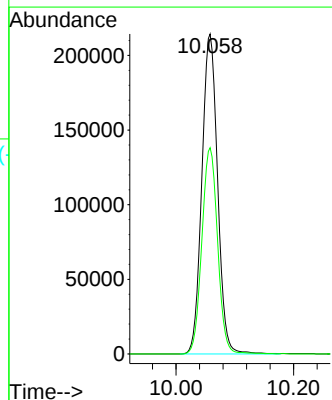
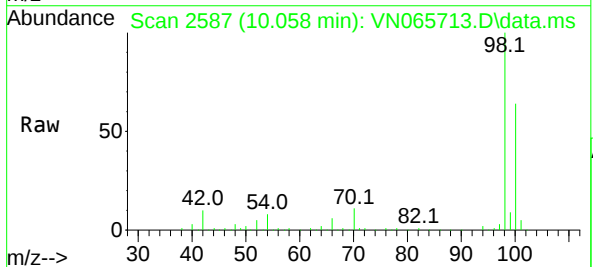


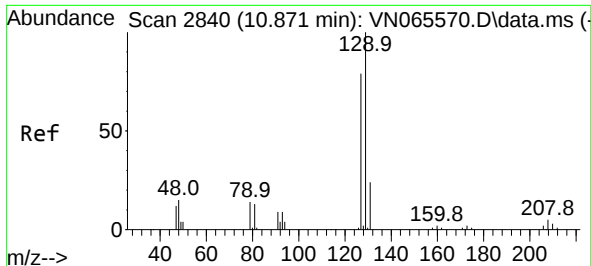
Tgt Ion:117 Resp: 17474
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.22 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

Tgt Ion: 98 Resp: 397995
Ion Ratio Lower Upper
98 100
100 64.5 50.5 75.7

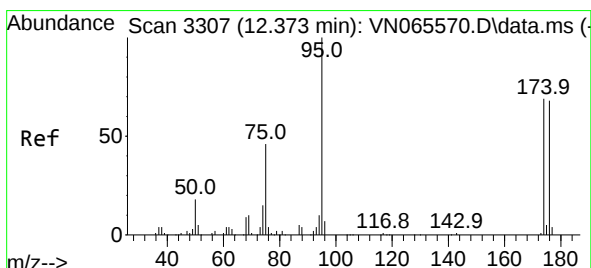
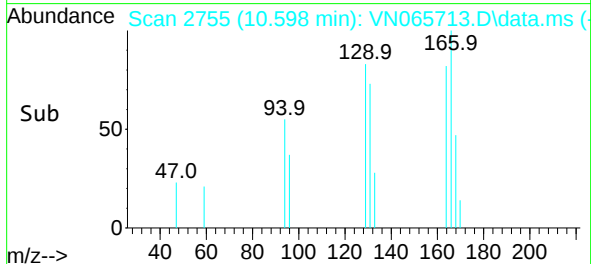
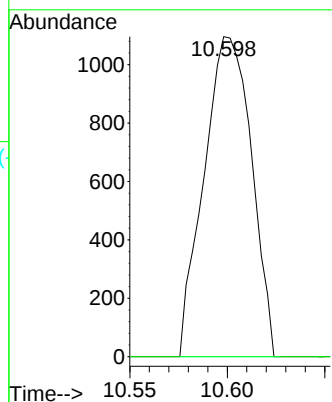
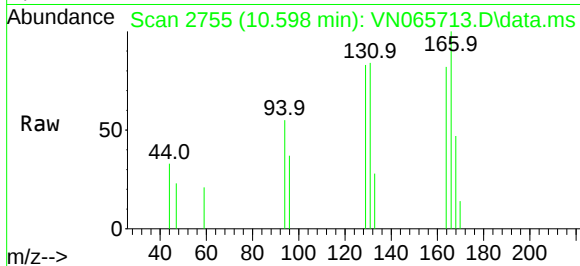




#60
Dibromochloromethane
Concen: 0.82 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. -0.273 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

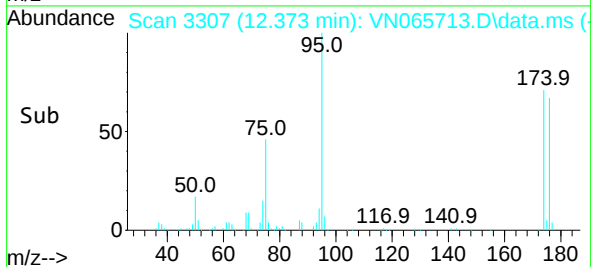
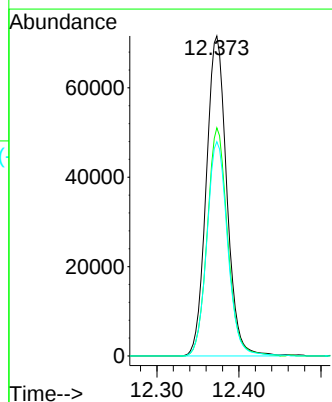
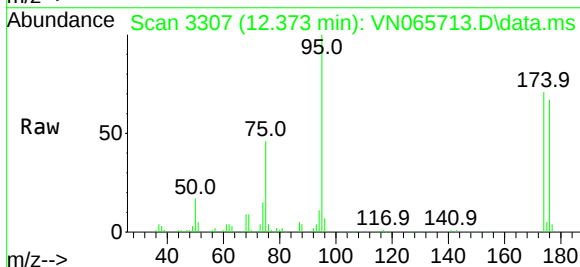
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MSVOA_N
ClientSampled :

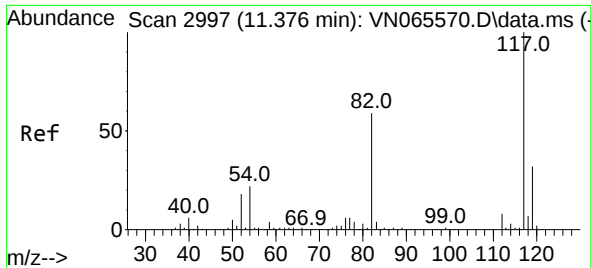
Tgt Ion:129 Resp: 1860
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#



#62
4-Bromofluorobenzene
Concen: 46.16 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

Tgt Ion: 95 Resp: 124299
Ion Ratio Lower Upper
95 100
174 71.0 0.0 169.0
176 68.0 0.0 162.4

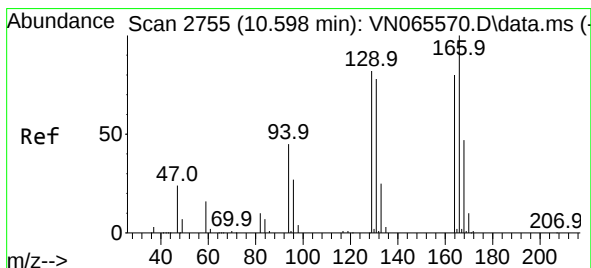
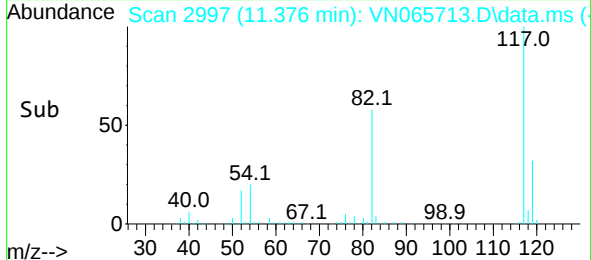
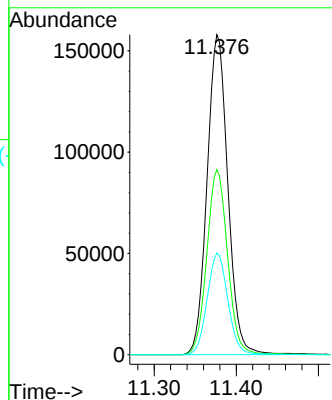
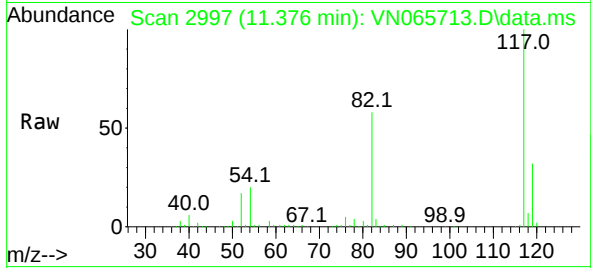




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

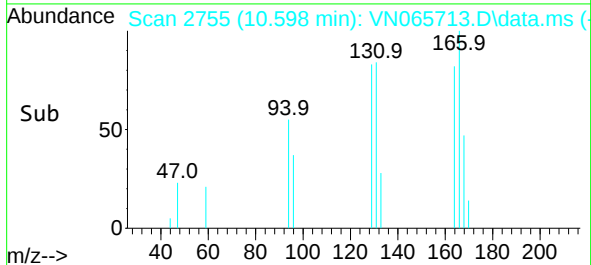
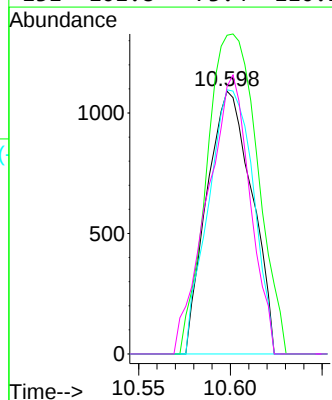
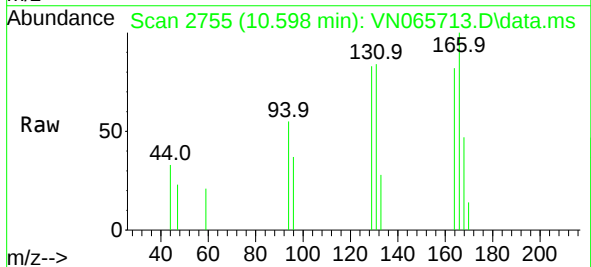
Instrument :
MSVOA_N
ClientSampled :

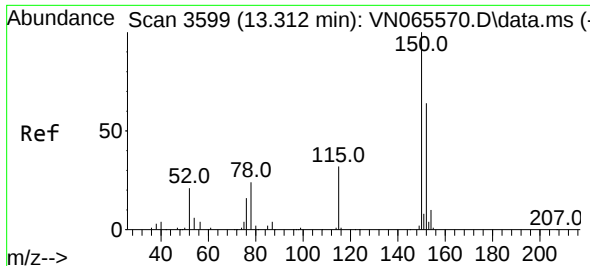
Tgt Ion:117 Resp: 277796
Ion Ratio Lower Upper
117 100
82 57.9 43.7 65.5
119 31.7 26.1 39.1



#64
Tetrachloroethene
Concen: 0.80 ug/l
RT: 10.598 min Scan# 2755
Delta R.T. 0.000 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

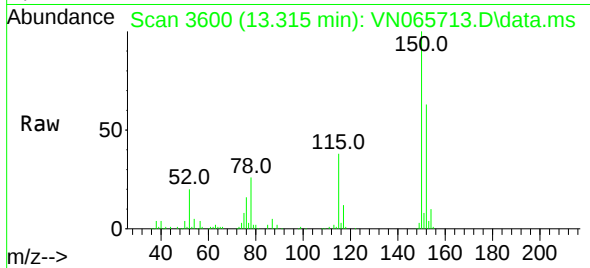
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Ion Ratio Lower Upper
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166 121.4 102.6 154.0
129 100.6 76.2 114.4
131 101.8 73.4 110.2



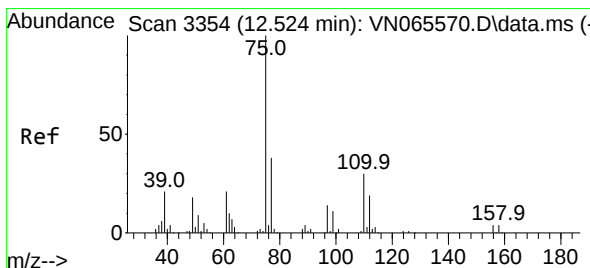
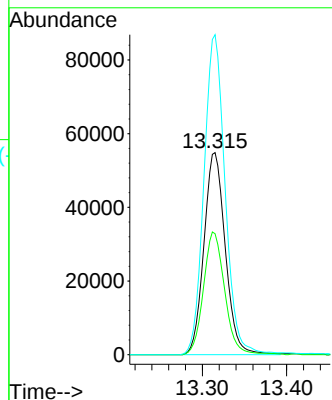
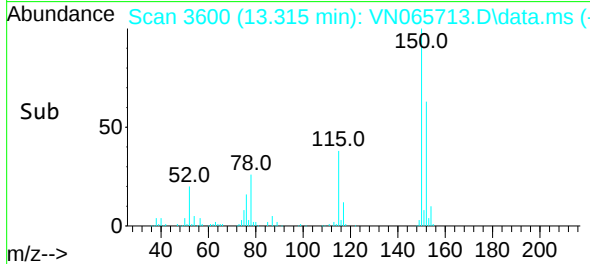


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.315 min Scan# 3600
 Delta R.T. 0.003 min
 Lab File: VN065713.D
 Acq: 4 Feb 2021 13:26

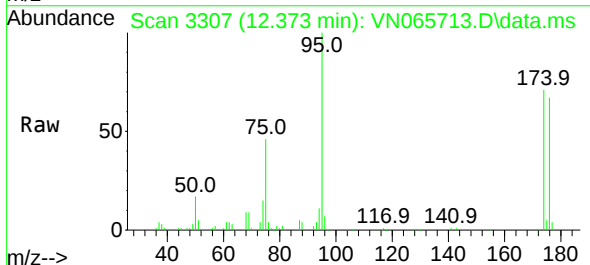
Instrument :
 MSVOA_N
 ClientSampled :



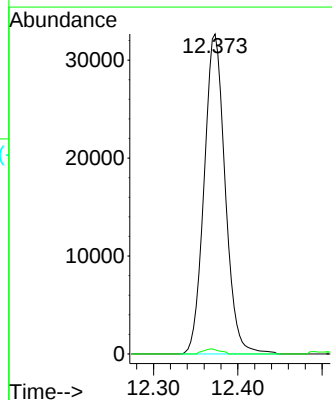
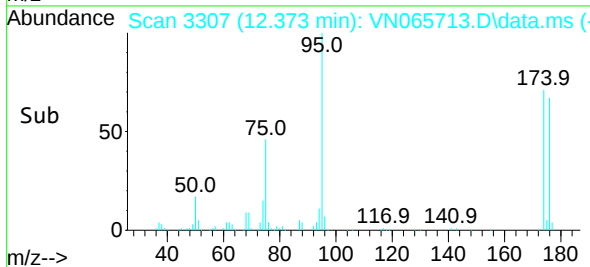
Tgt Ion:152 Resp: 97030
 Ion Ratio Lower Upper
 152 100
 115 60.2 28.5 85.6
 150 157.5 0.0 347.6

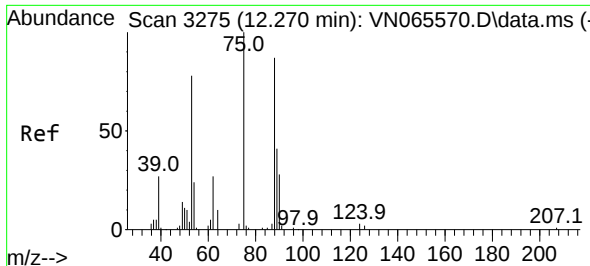


#76
 1,2,3-Trichloropropane
 Concen: 22.40 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.151 min
 Lab File: VN065713.D
 Acq: 4 Feb 2021 13:26



Tgt Ion: 75 Resp: 56834
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#

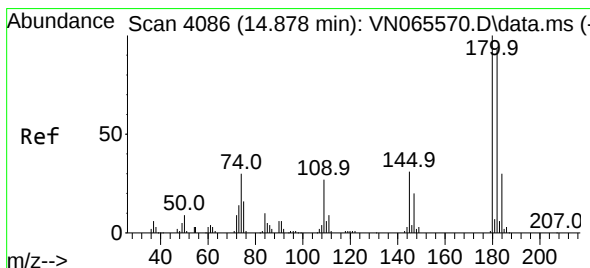
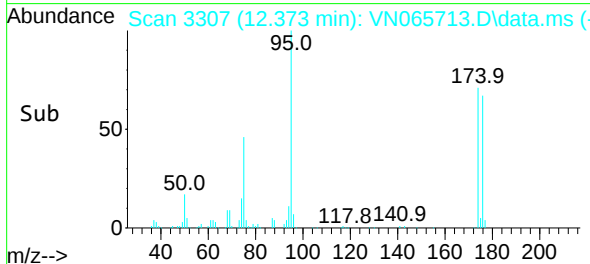
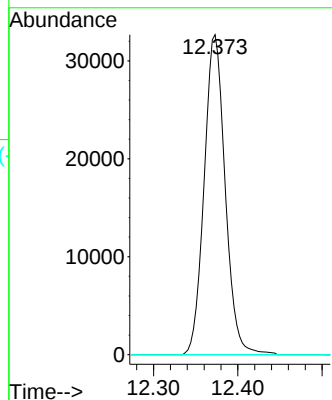
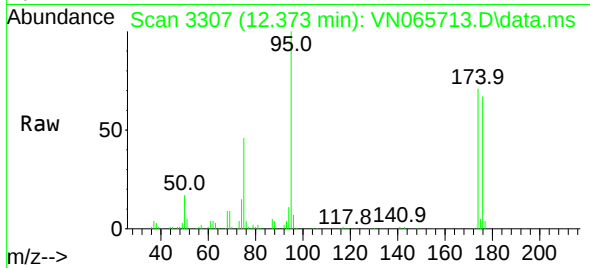




#81
trans-1,4-Dichloro-2-butene
Concen: 57.37 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

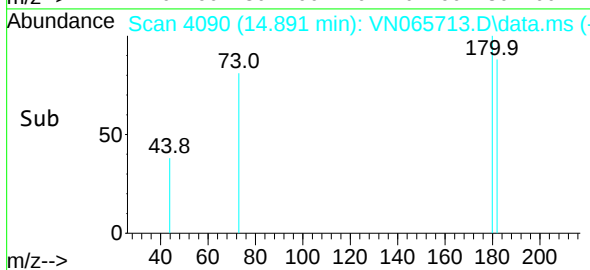
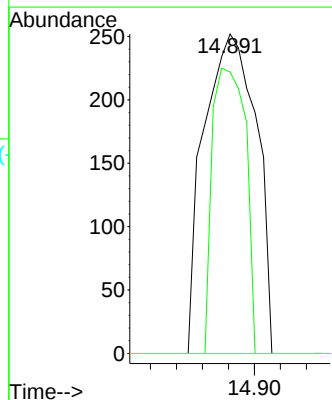
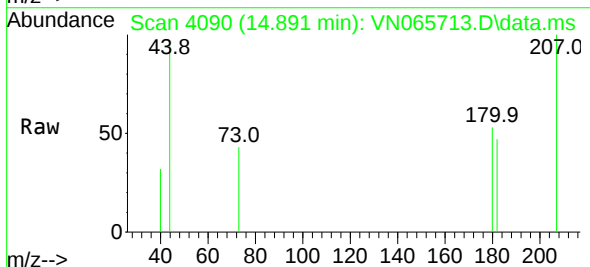
Instrument :
MSVOA_N
ClientSampleId :

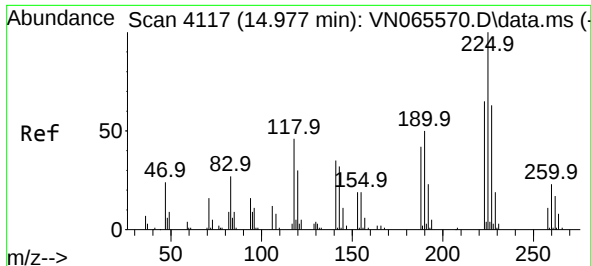
Tgt Ion: 75 Resp: 56834
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#93
1,2,4-Trichlorobenzene
Concen: 3.53 ug/l
RT: 14.891 min Scan# 4090
Delta R.T. 0.013 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

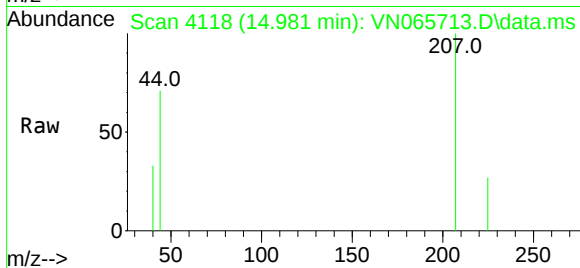
Tgt Ion:180 Resp: 352
Ion Ratio Lower Upper
180 100
182 56.5 47.3 142.0
145 0.0 15.6 46.8#



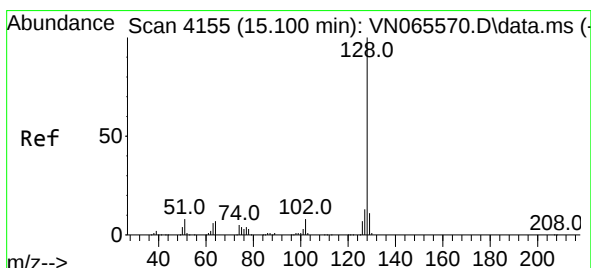
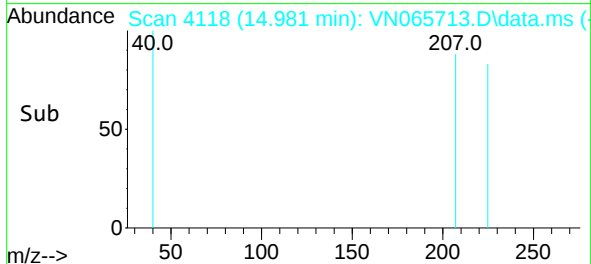
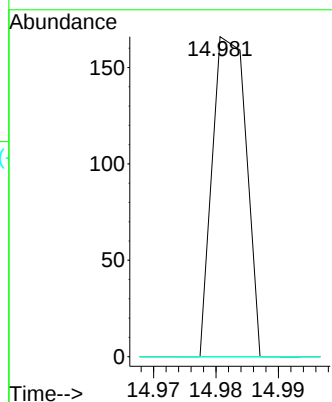


#94
Hexachlorobutadiene
Concen: 0.29 ug/l
RT: 14.981 min Scan# 4118
Delta R.T. 0.004 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

Instrument :
MSVOA_N
ClientSampled :

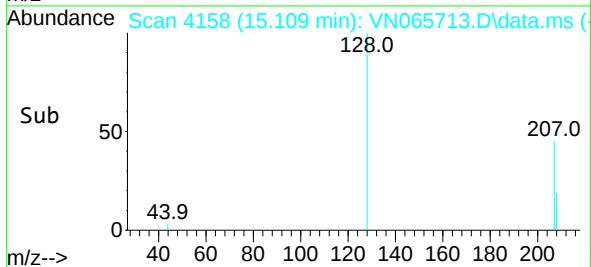
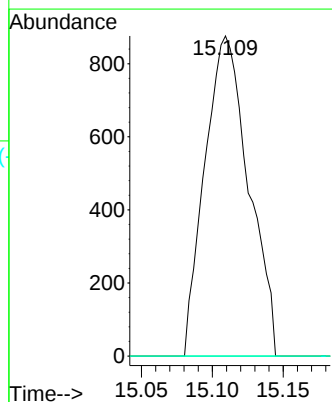
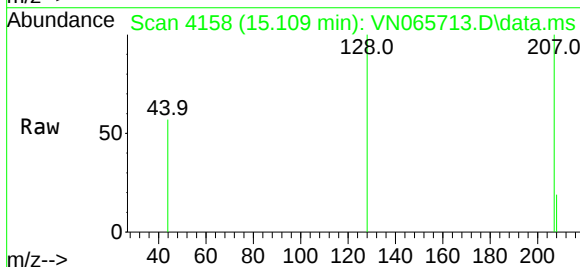


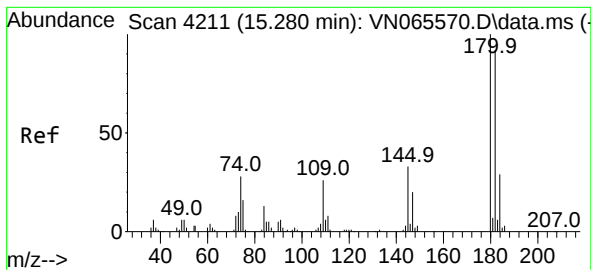
Tgt Ion:225 Resp: 63
Ion Ratio Lower Upper
225 100
223 0.0 31.9 95.9#
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 3.73 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065713.D
Acq: 4 Feb 2021 13:26

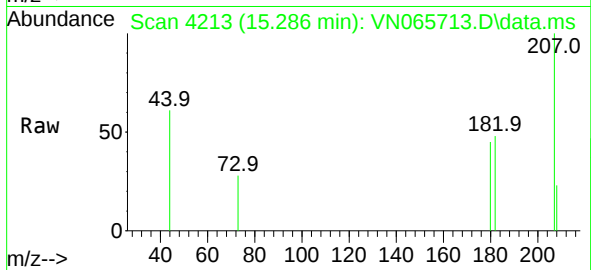
Tgt Ion:128 Resp: 1886
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.15 ug/l
 RT: 15.286 min Scan# 4213
 Delta R.T. 0.006 min
 Lab File: VN065713.D
 Acq: 4 Feb 2021 13:26

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 620
 Ion Ratio Lower Upper
 180 100
 182 90.6 47.4 142.3
 145 0.0 16.5 49.5#

