

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065594.D
 Acq On : 26 Jan 2021 10:42
 Operator : JC/MD
 Sample : VN0126MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:25:31 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)

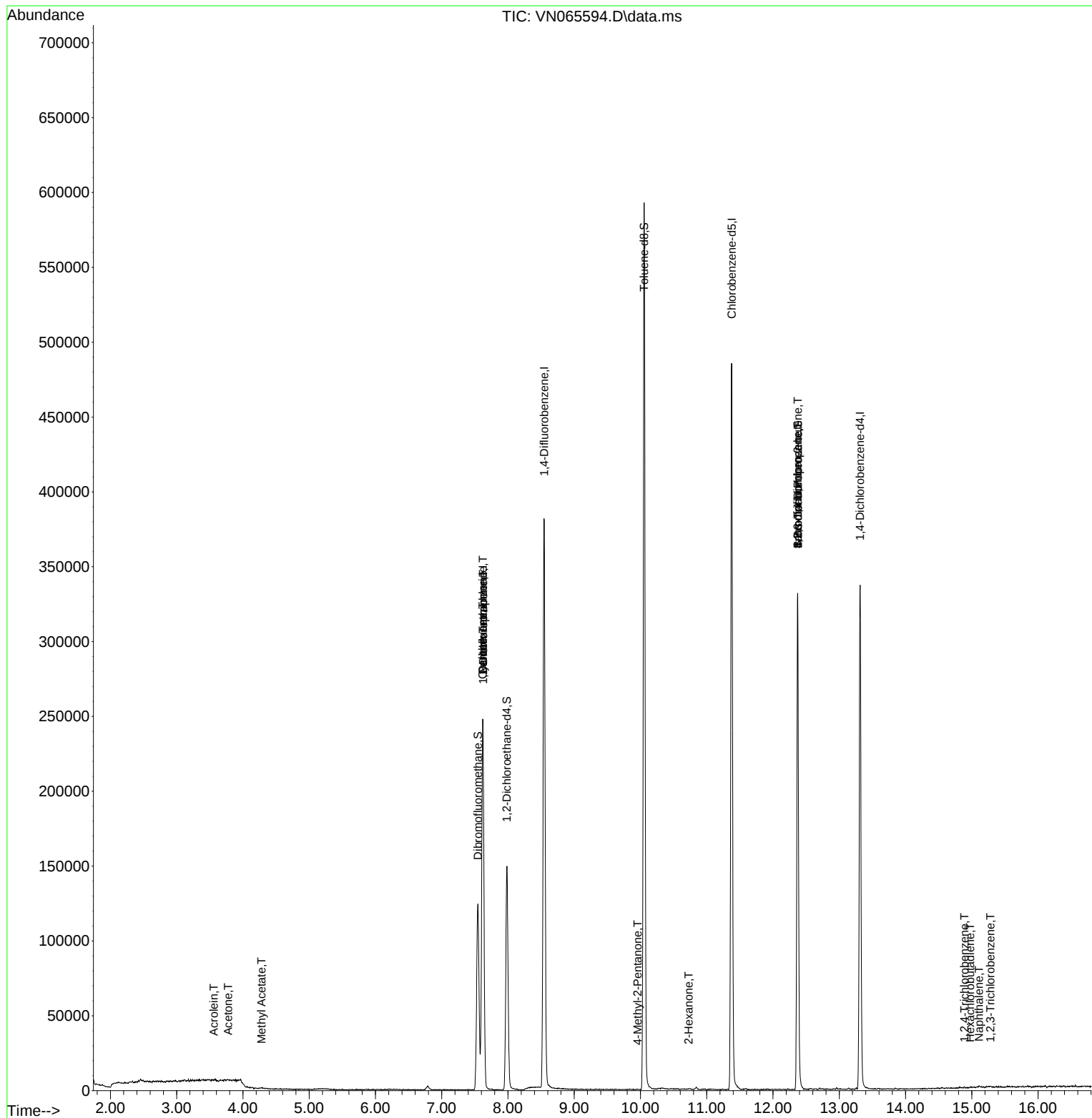
Internal Standards						
1) Pentafluorobenzene	7.621	168	201915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	345241	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	292244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	98152	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	127374	47.95	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.90%		
35) Dibromofluoromethane	7.547	113	102008	49.86	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.72%		
50) Toluene-d8	10.055	98	432243	53.75	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.50%		
62) 4-Bromofluorobenzene	12.373	95	135149	46.67	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	93.34%		
Target Compounds					Qvalue	
13) Acrolein	3.560	56	100	18.30	ug/l #	20
16) Acetone	3.775	43	481	0.47	ug/l #	41
18) Methyl Acetate	4.280	43	1001	0.35	ug/l #	63
31) Cyclohexane	7.617	56	4369	0.87	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16310	4.69	ug/l #	45
38) Carbon Tetrachloride	7.621	117	19419	6.79	ug/l #	16
51) 4-Methyl-2-Pentanone	9.955	43	907	0.28	ug/l #	35
59) 2-Hexanone	10.727	43	588	0.26	ug/l #	23
71) Bromoform	12.373	173	585	0.39	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	64062	24.96	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	64062	63.93	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.887	180	281	3.50	ug/l #	55
94) Hexachlorobutadiene	14.977	225	218	0.48	ug/l #	47
95) Naphthalene	15.109	128	1678	3.70	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.283	180	536	3.10	ug/l #	76

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

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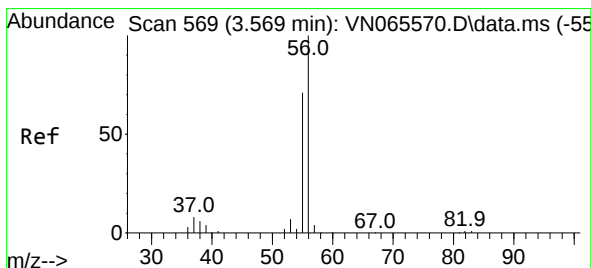
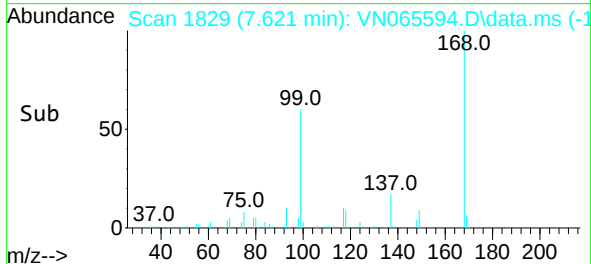
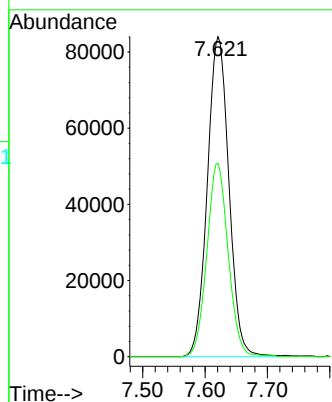
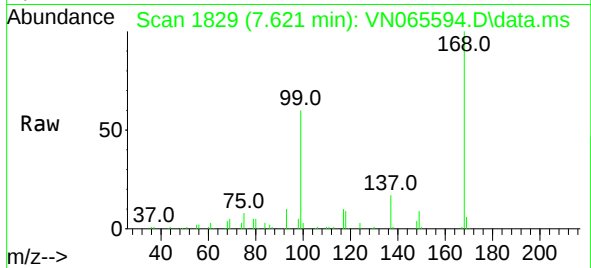




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

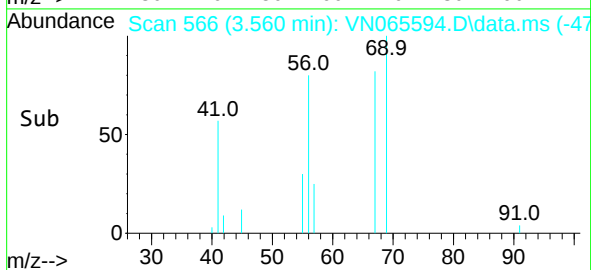
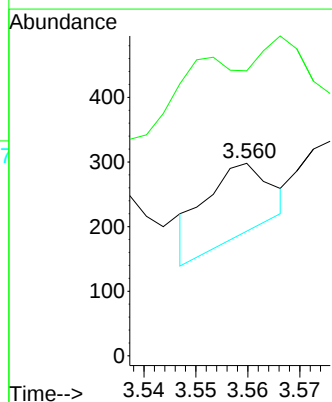
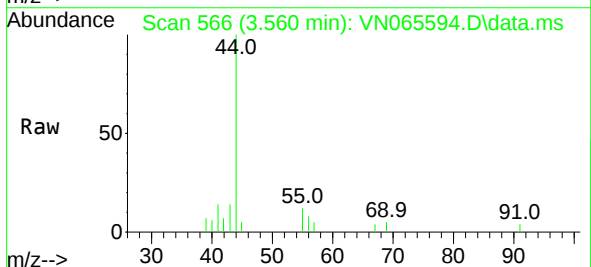
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 201915
Ion Ratio Lower Upper
168 100
99 60.4 42.6 63.8



#13
Acrolein
Concen: 18.30 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.009 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion: 56 Resp: 100
Ion Ratio Lower Upper
56 100
55 136.0 56.0 84.0#

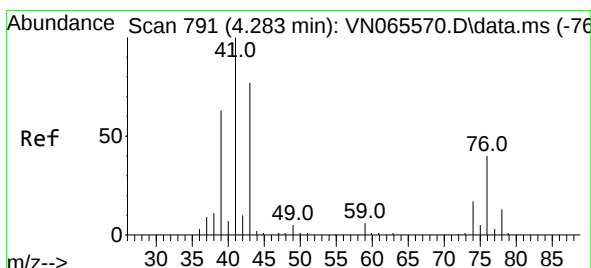
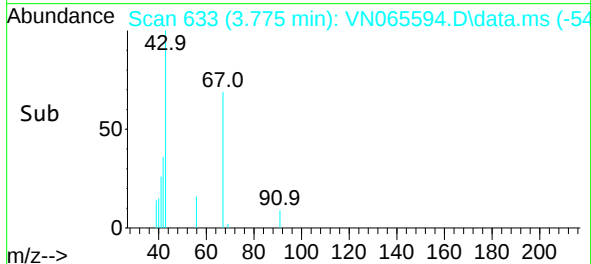
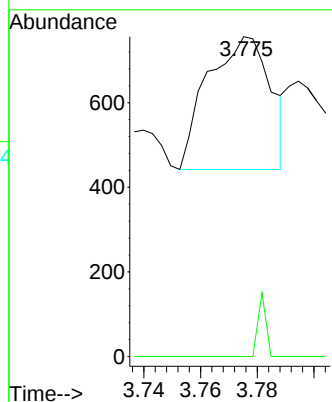
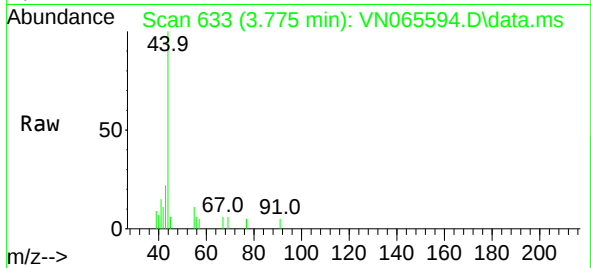




#16
Acetone
Concen: 0.47 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

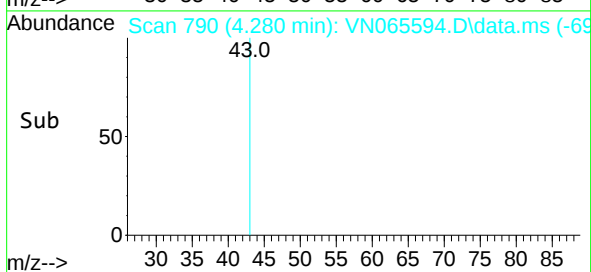
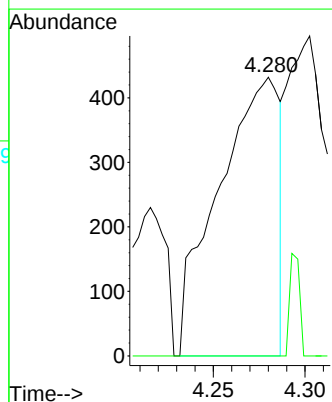
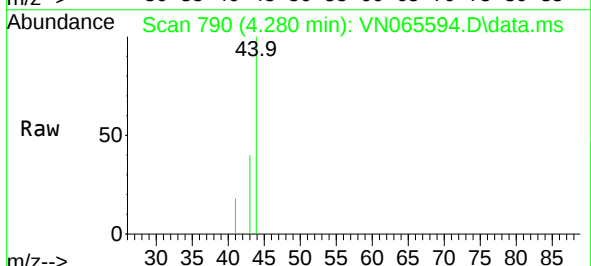
Instrument :
MSVOA_N
ClientSampled :

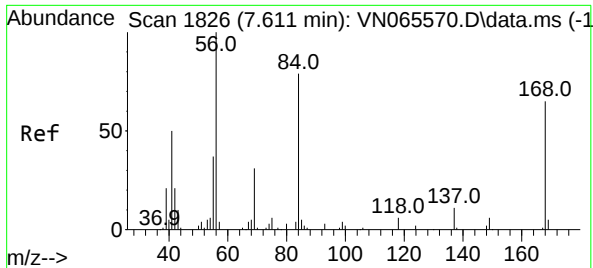
Tgt Ion: 43 Resp: 481
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#18
Methyl Acetate
Concen: 0.35 ug/l
RT: 4.280 min Scan# 790
Delta R.T. -0.003 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion: 43 Resp: 1001
Ion Ratio Lower Upper
43 100
74 6.0 19.5 29.3#

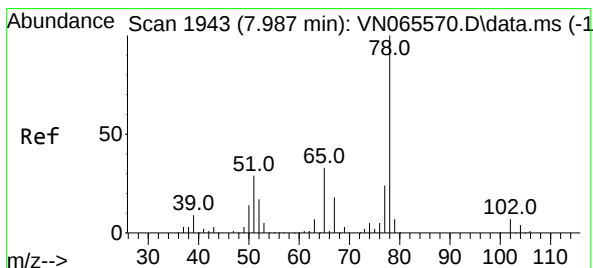
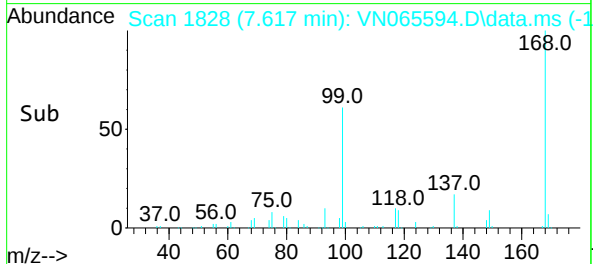
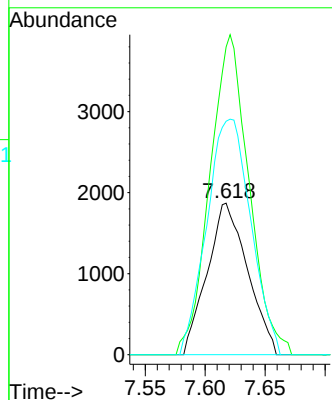
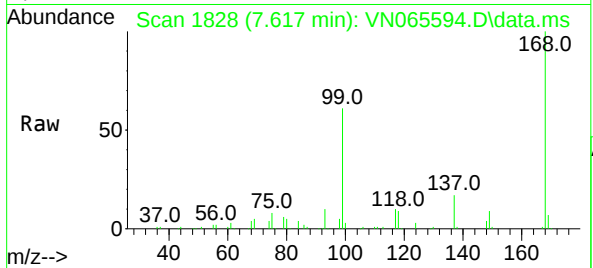




#31
Cyclohexane
Concen: 0.87 ug/l
RT: 7.617 min Scan# 1828
Delta R.T. 0.006 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

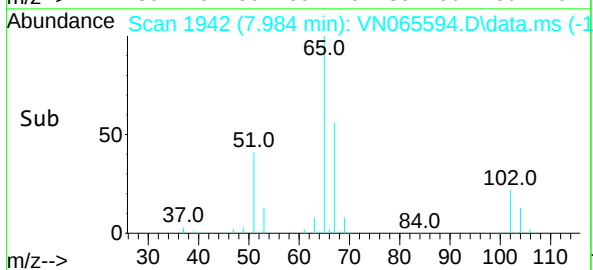
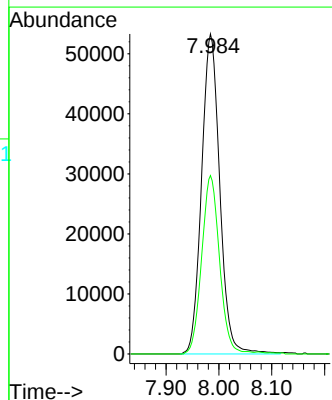
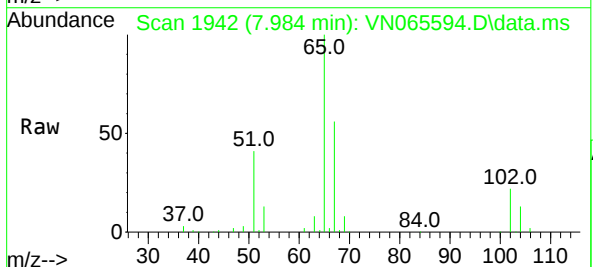
Instrument :
MSVOA_N
ClientSampled :

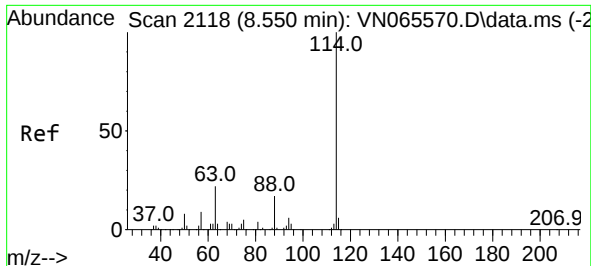
Tgt Ion: 56 Resp: 4369
Ion Ratio Lower Upper
56 100
69 194.5 26.6 39.8#
84 154.0 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 47.95 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion: 65 Resp: 127374
Ion Ratio Lower Upper
65 100
67 54.7 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: VN065594.D

Acq: 26 Jan 2021 10:42

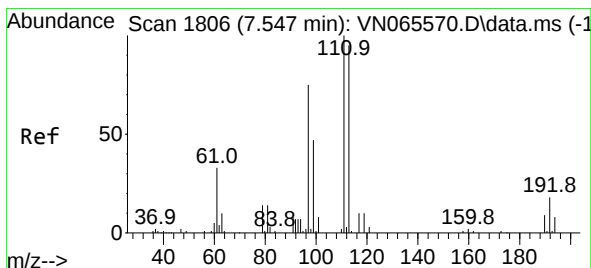
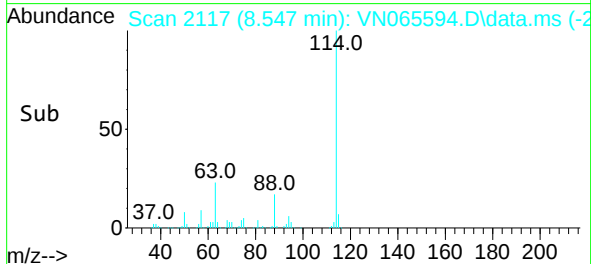
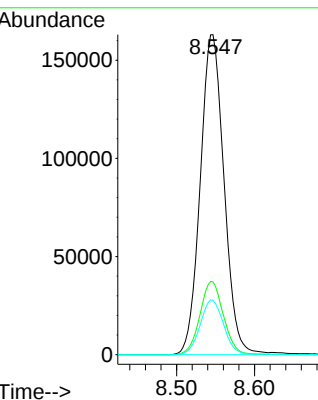
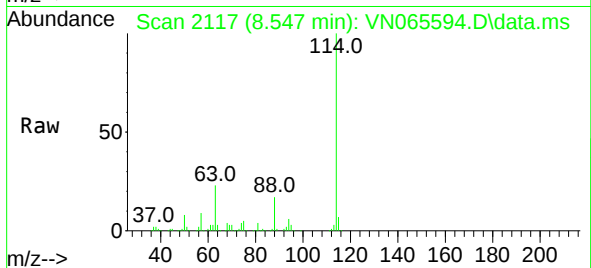
Tgt Ion:114 Resp: 345241

Ion Ratio Lower Upper

114 100

63 22.8 0.0 38.6

88 17.0 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.86 ug/l

RT: 7.547 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN065594.D

Acq: 26 Jan 2021 10:42

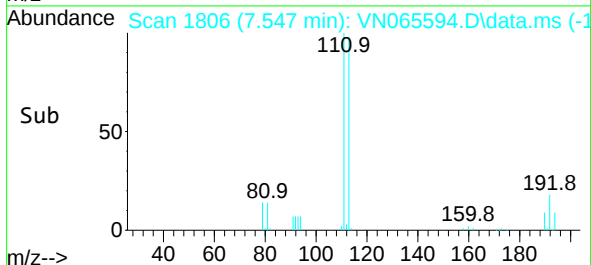
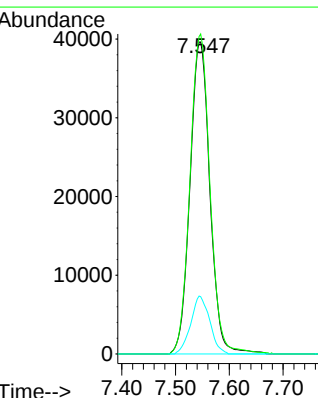
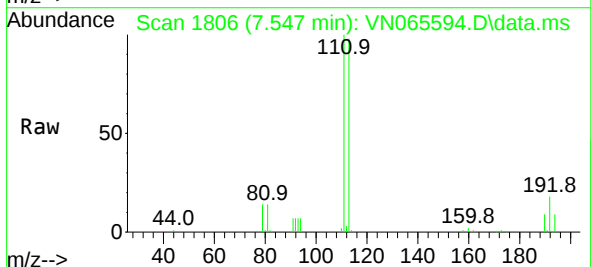
Tgt Ion:113 Resp: 102008

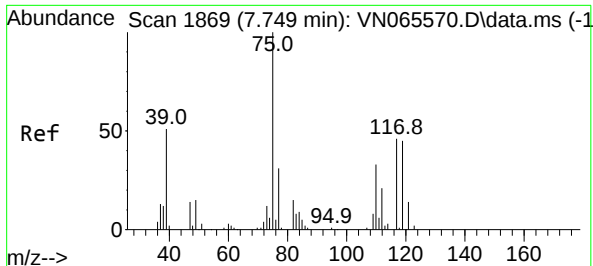
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 17.7 15.4 23.0



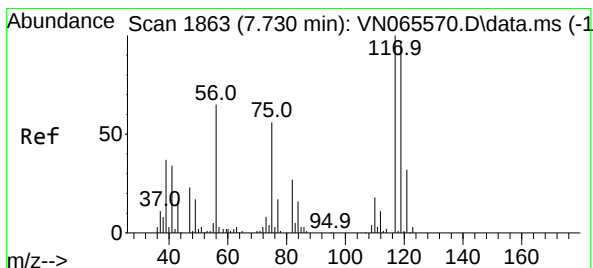
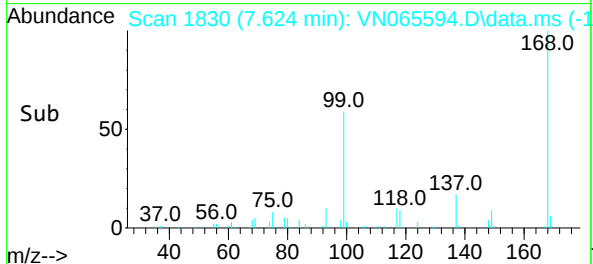
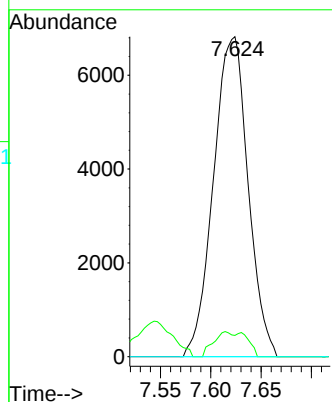
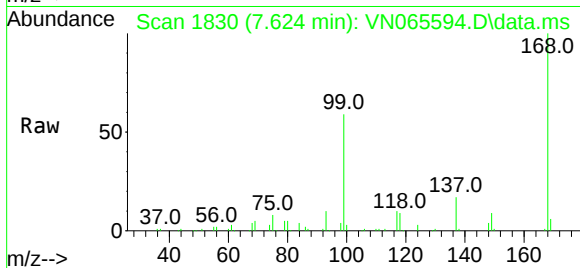


#36

1,1-Dichloropropene
Concen: 4.69 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Instrument :
MSVOA_N
ClientSampled :

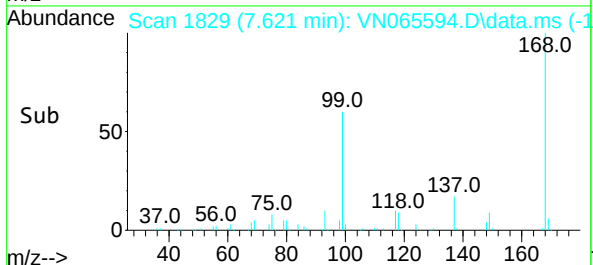
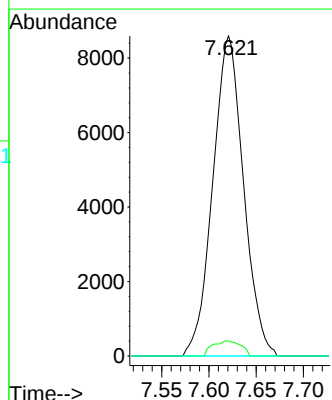
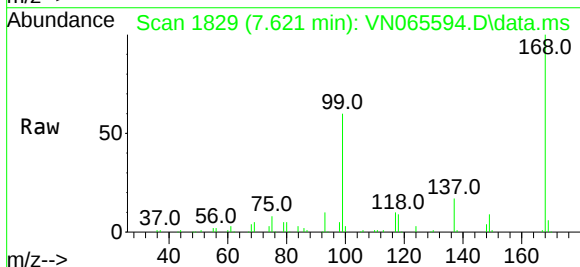
Tgt Ion: 75 Resp: 16310
Ion Ratio Lower Upper
75 100
110 4.7 18.2 54.6#
77 0.0 24.9 37.3#

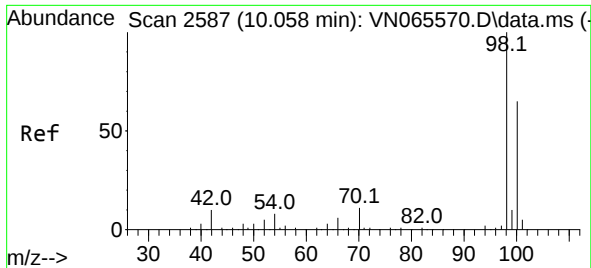


#38

Carbon Tetrachloride
Concen: 6.79 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion: 117 Resp: 19419
Ion Ratio Lower Upper
117 100
119 4.6 76.0 114.0#
121 0.0 24.5 36.7#

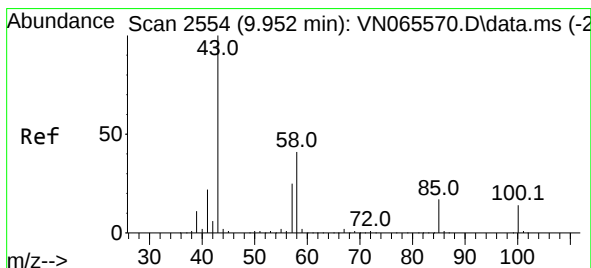
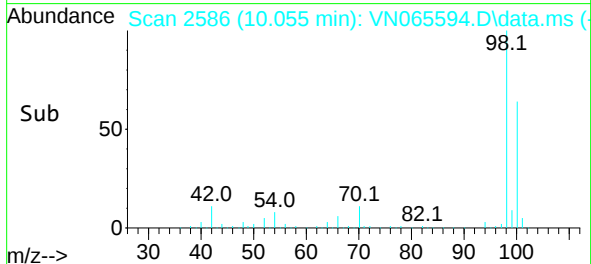
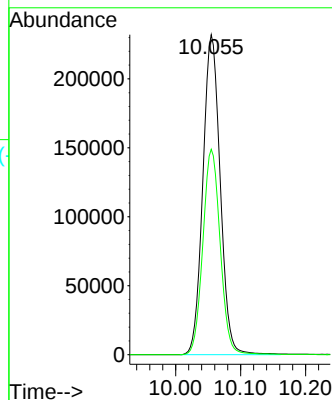
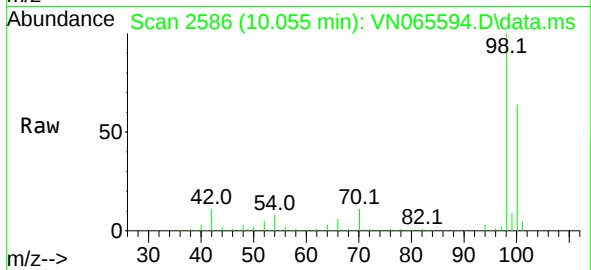




#50
Toluene-d8
Concen: 53.75 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

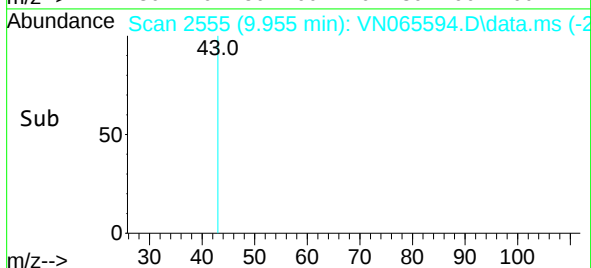
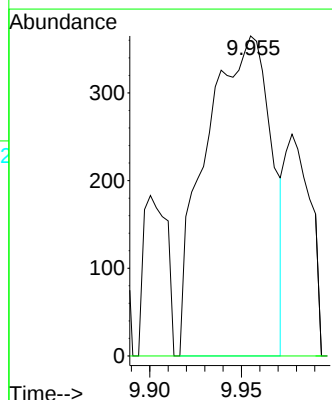
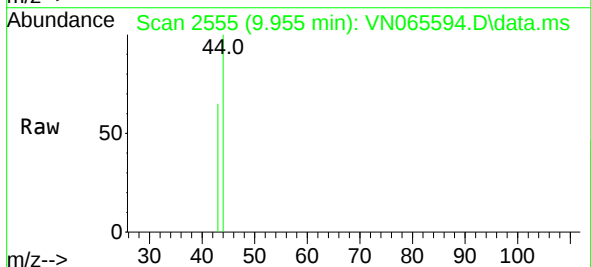
Instrument :
MSVOA_N
ClientSampled :

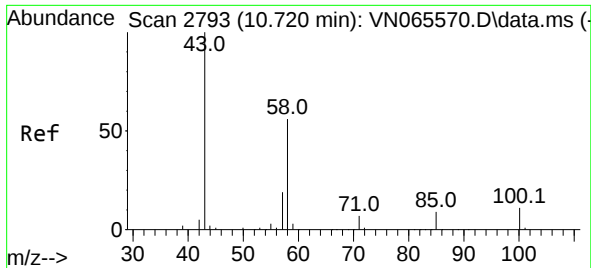
Tgt Ion: 98 Resp: 432243
Ion Ratio Lower Upper
98 100
100 64.1 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 0.28 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.003 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion: 43 Resp: 907
Ion Ratio Lower Upper
43 100
58 0.0 32.5 48.7#

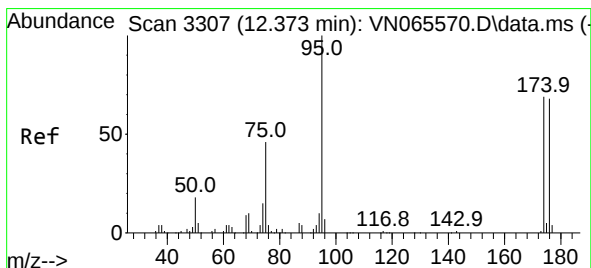
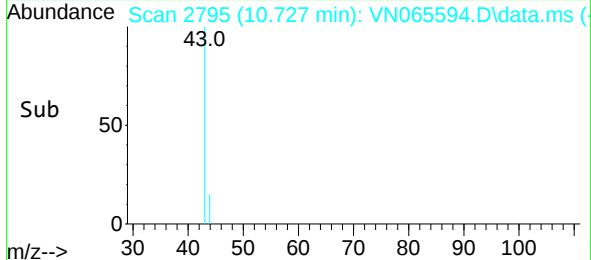
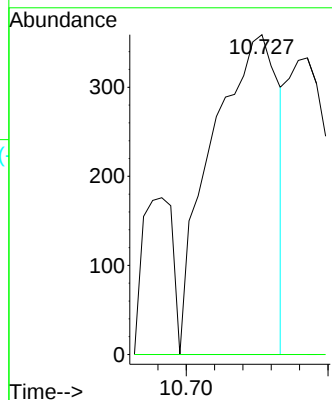
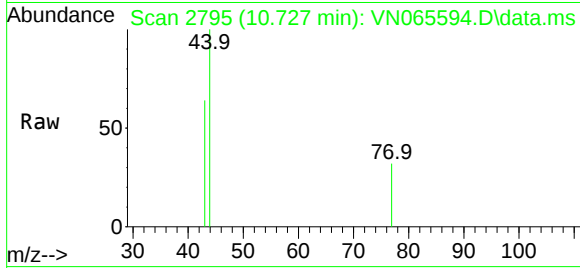




#59
2-Hexanone
Concen: 0.26 ug/l
RT: 10.727 min Scan# 2795
Delta R.T. 0.007 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

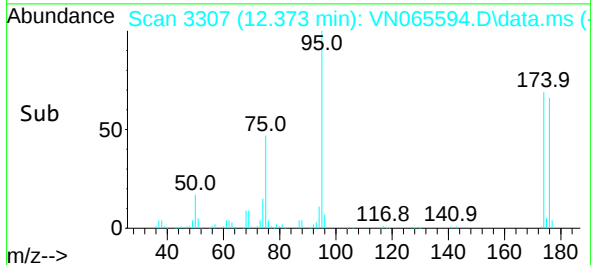
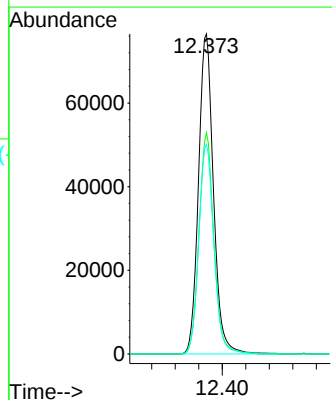
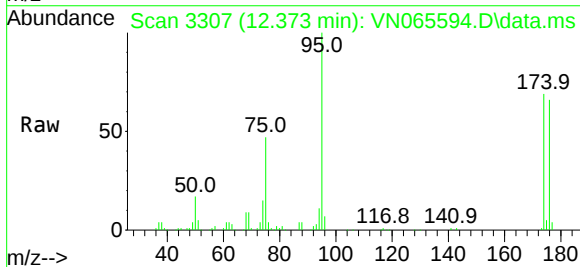
Instrument :
MSVOA_N
ClientSampleId :

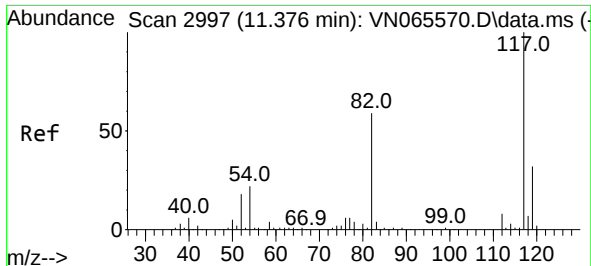
Tgt Ion: 43 Resp: 588
Ion Ratio Lower Upper
43 100
58 0.0 28.1 84.3#



#62
4-Bromofluorobenzene
Concen: 46.67 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion: 95 Resp: 135149
Ion Ratio Lower Upper
95 100
174 68.5 0.0 169.0
176 66.0 0.0 162.4

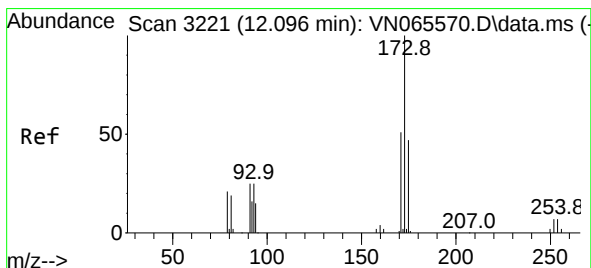
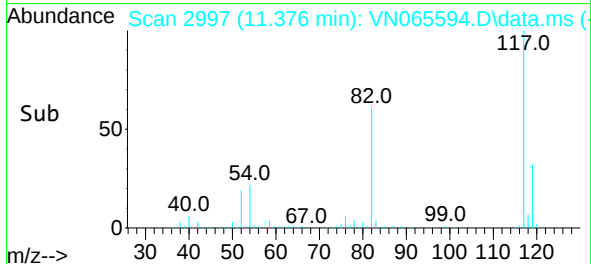
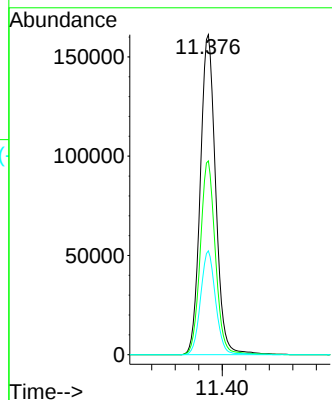
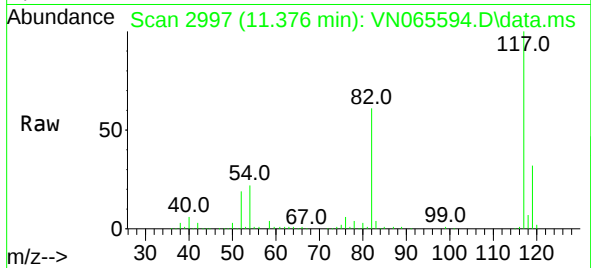




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

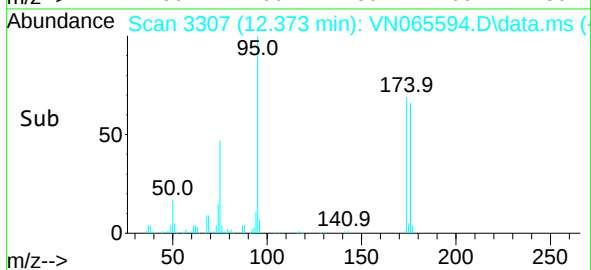
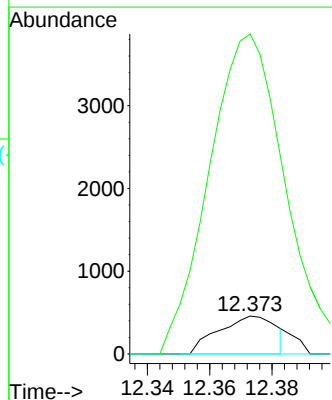
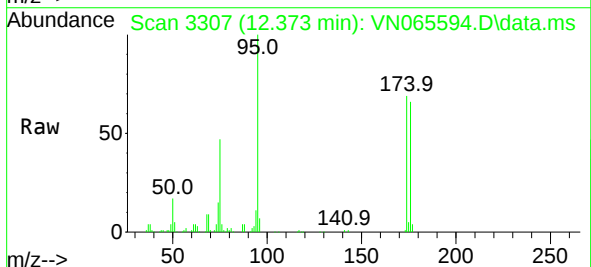
Instrument :
MSVOA_N
ClientSampled :

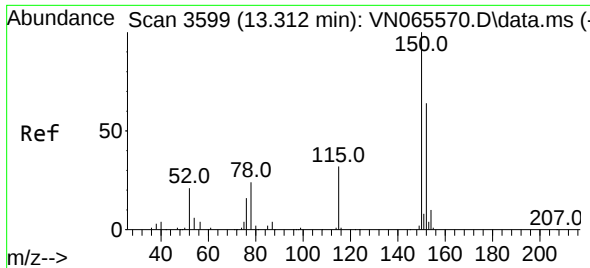
Tgt Ion:117 Resp: 292244
Ion Ratio Lower Upper
117 100
82 60.6 43.7 65.5
119 32.4 26.1 39.1



#71
Bromoform
Concen: 0.39 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Tgt Ion:173 Resp: 585
Ion Ratio Lower Upper
173 100
175 954.4 23.8 71.2#
254 0.0 0.0 0.0

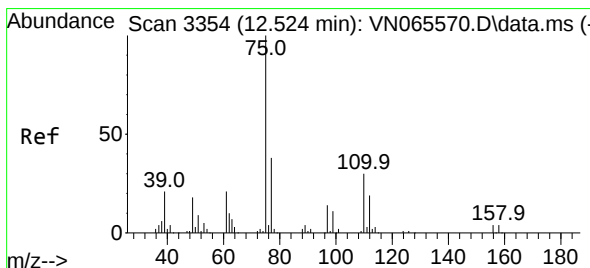
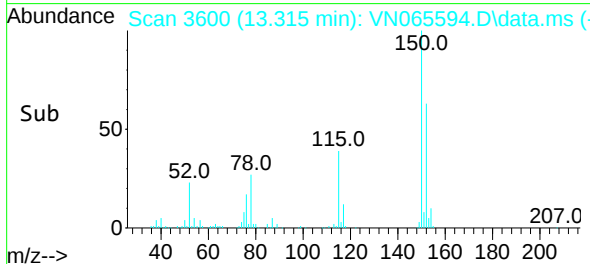
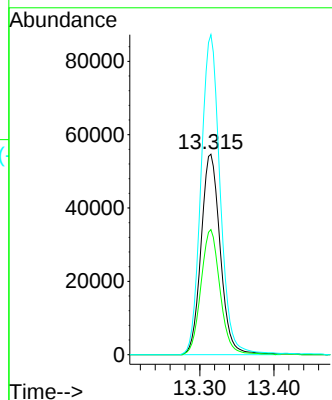
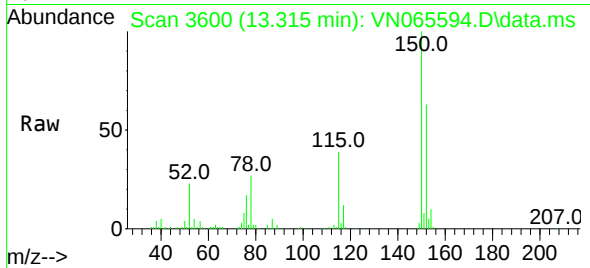




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

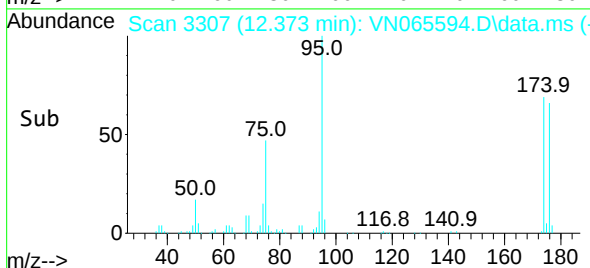
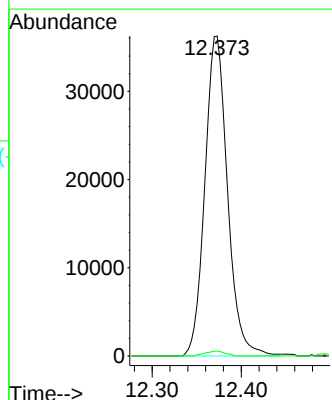
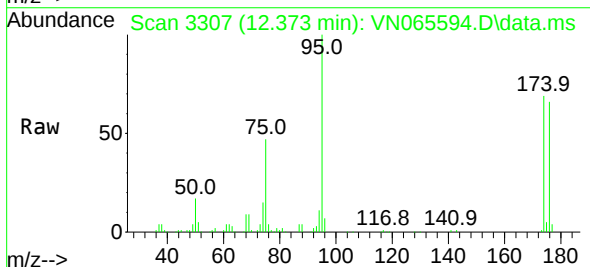
Instrument :
MSVOA_N
ClientSampled :

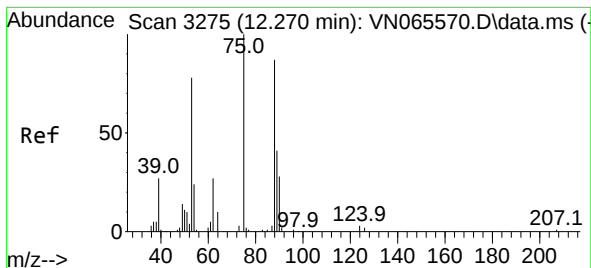
Tgt Ion:152 Resp: 98152
Ion Ratio Lower Upper
152 100
115 62.1 28.5 85.6
150 159.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 24.96 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

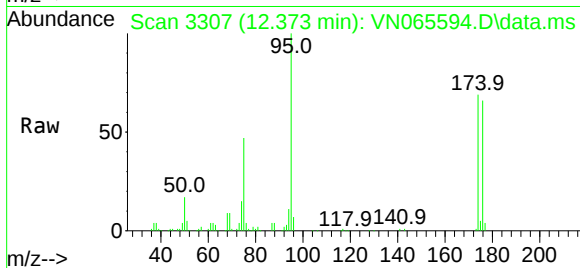
Tgt Ion: 75 Resp: 64062
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



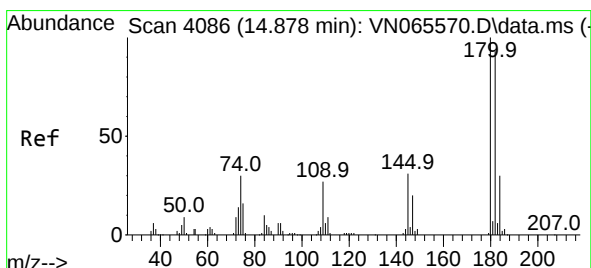
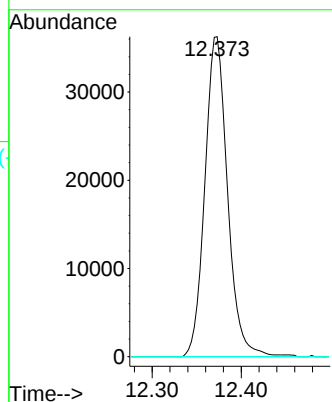
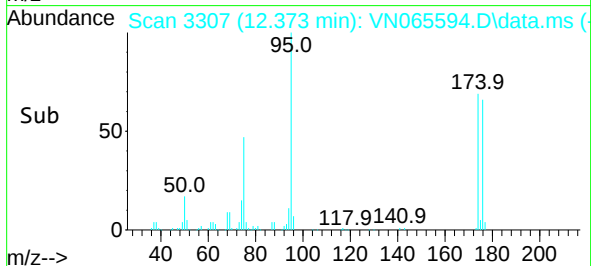


#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.93 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. 0.103 min
 Lab File: VN065594.D
 Acq: 26 Jan 2021 10:42

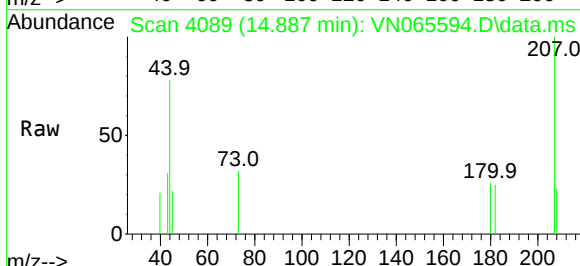
Instrument :
 MSVOA_N
 ClientSampled :



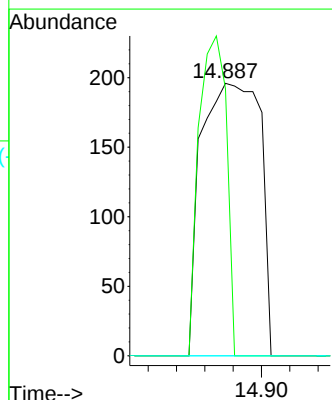
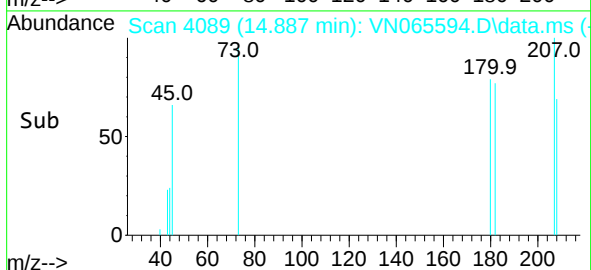
Tgt Ion: 75 Resp: 64062
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.6 111.8#
 89 0.0 35.8 53.8#

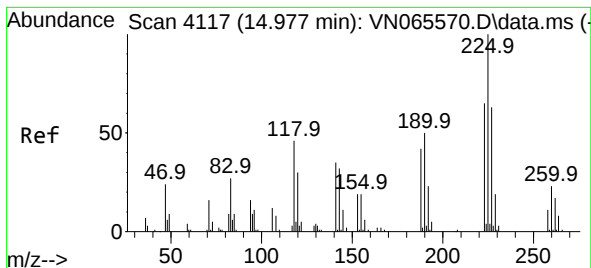


#93
 1,2,4-Trichlorobenzene
 Concen: 3.50 ug/l
 RT: 14.887 min Scan# 4089
 Delta R.T. 0.009 min
 Lab File: VN065594.D
 Acq: 26 Jan 2021 10:42



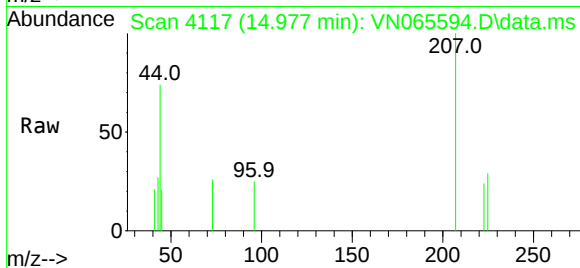
Tgt Ion: 180 Resp: 281
 Ion Ratio Lower Upper
 180 100
 182 55.2 47.3 142.0
 145 0.0 15.6 46.8#



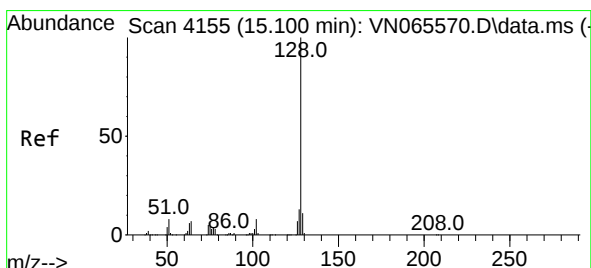
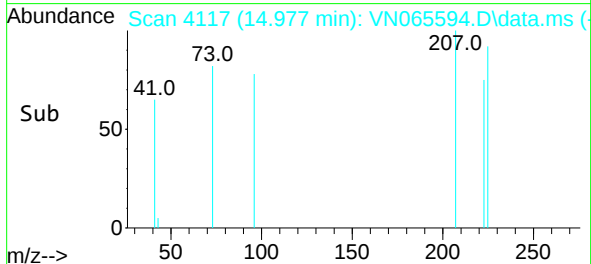
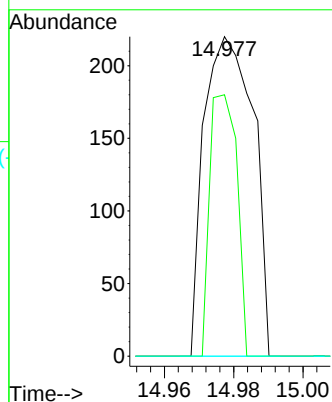


#94
Hexachlorobutadiene
Concen: 0.48 ug/l
RT: 14.977 min Scan# 4117
Delta R.T. 0.000 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

Instrument :
MSVOA_N
ClientSampled :

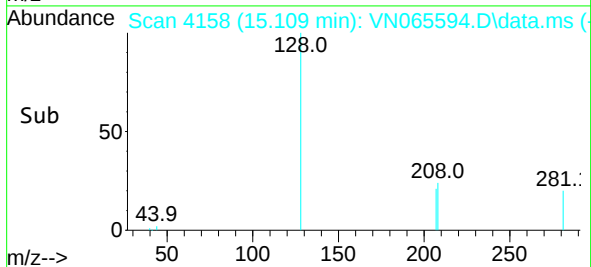
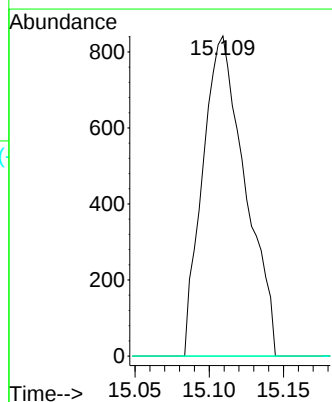
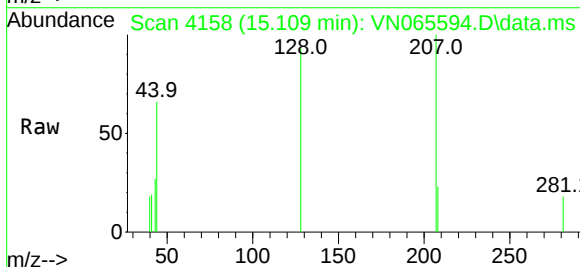


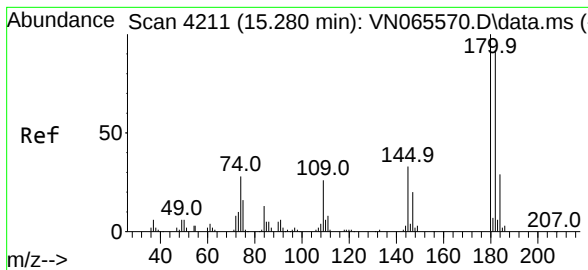
Tgt Ion:225 Resp: 218
Ion Ratio Lower Upper
225 100
223 45.0 31.9 95.9
227 0.0 31.6 95.0#



#95
Naphthalene
Concen: 3.70 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065594.D
Acq: 26 Jan 2021 10:42

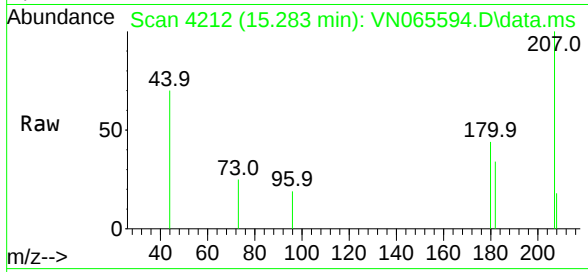
Tgt Ion:128 Resp: 1678
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 3.10 ug/l
 RT: 15.283 min Scan# 4212
 Delta R.T. 0.003 min
 Lab File: VN065594.D
 Acq: 26 Jan 2021 10:42

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion:180 Resp: 536
 Ion Ratio Lower Upper
 180 100
 182 83.0 47.4 142.3
 145 0.0 16.5 49.5#

