

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065603.D
 Acq On : 26 Jan 2021 14:49
 Operator : JC/MD
 Sample : M1221-03
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:28:28 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)

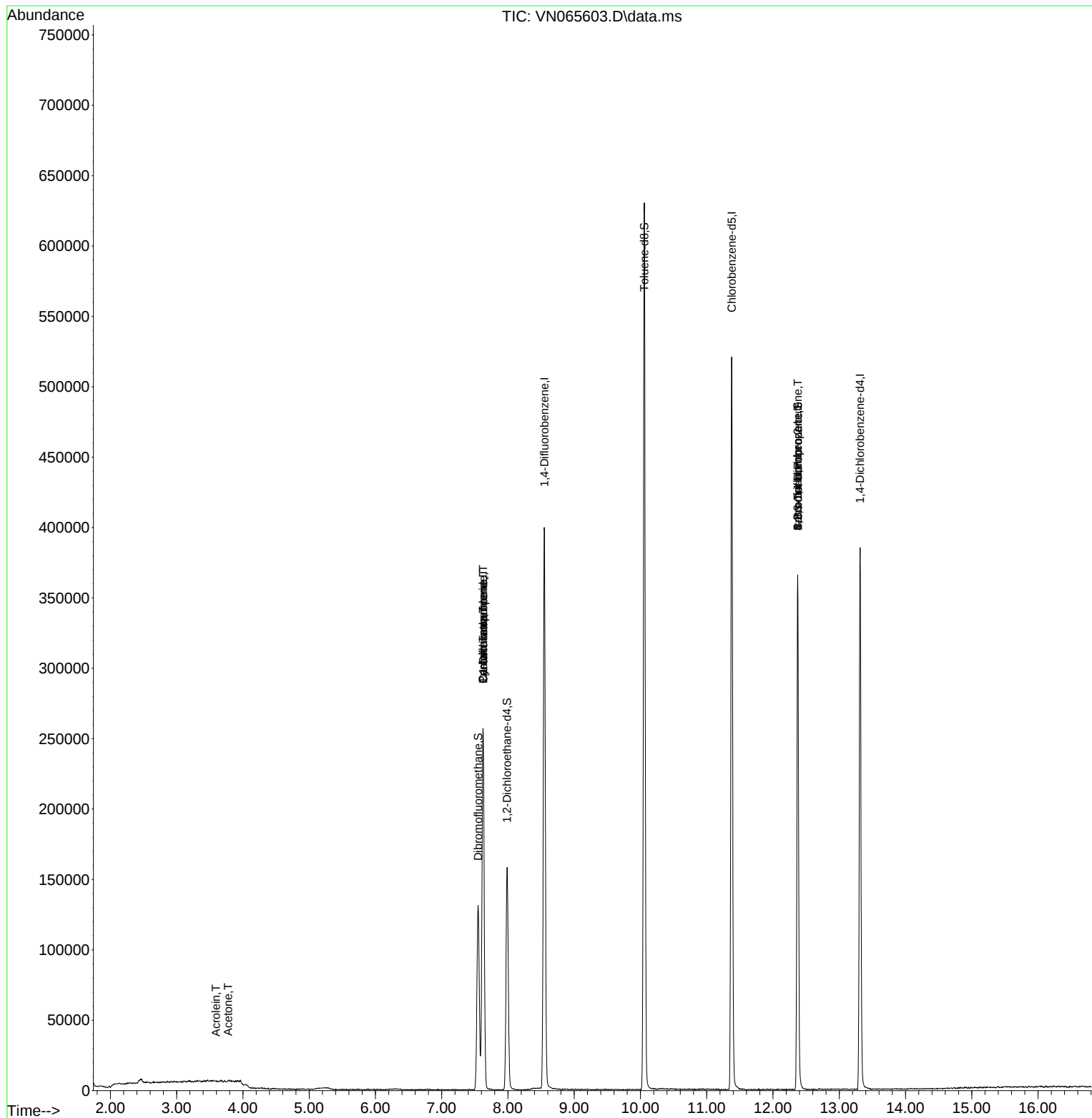
Internal Standards						
1) Pentafluorobenzene	7.624	168	208627	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	360516	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	312937	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	109050	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	134600	49.04	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.08%
35) Dibromofluoromethane	7.550	113	105991	49.61	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.22%
50) Toluene-d8	10.058	98	450412	53.63	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	107.26%
62) 4-Bromofluorobenzene	12.373	95	148362	49.06	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.12%
Target Compounds						
					Qvalue	
13) Acrolein	3.592	56	356	18.83	ug/l #	56
16) Acetone	3.775	43	416	0.39	ug/l #	71
31) Cyclohexane	7.624	56	4139	0.80	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	17265	4.76	ug/l #	47
38) Carbon Tetrachloride	7.624	117	19832	6.64	ug/l #	16
71) Bromoform	12.373	173	633	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	70276	24.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	70276	63.12	ug/l #	12

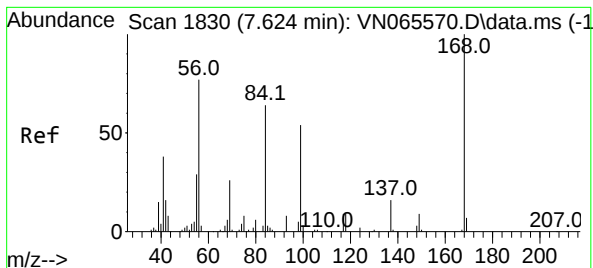
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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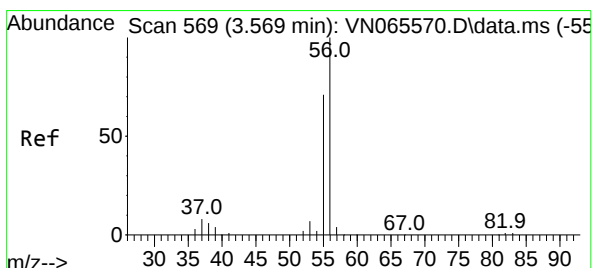
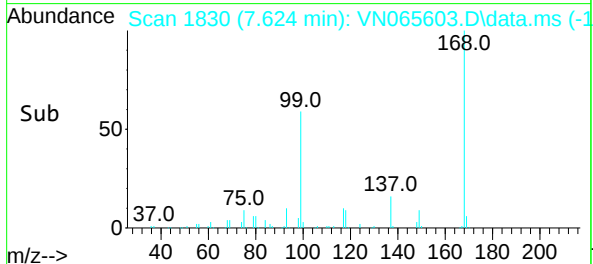
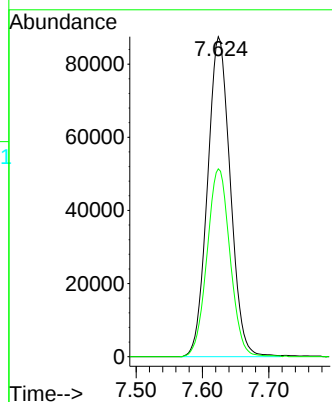
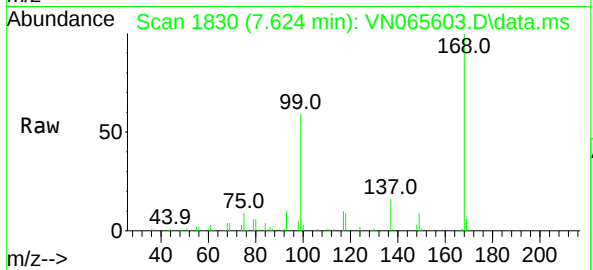


#1

Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.624 min Scan# 1830
 Delta R.T. -0.000 min
 Lab File: VN065603.D
 Acq: 26 Jan 2021 14:49

Instrument :
 MSVOA_N
 ClientSampled :

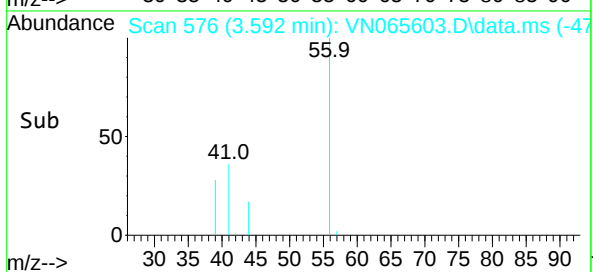
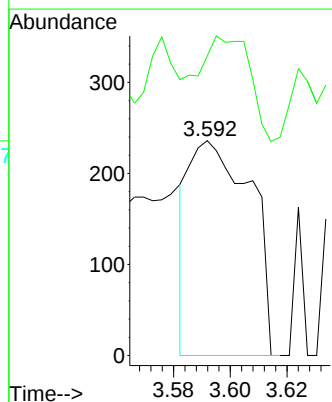
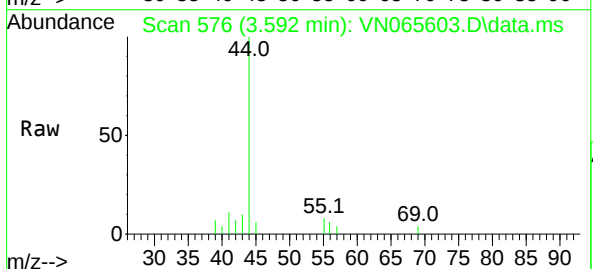
Tgt Ion:168 Resp: 208627
 Ion Ratio Lower Upper
 168 100
 99 58.7 42.6 63.8

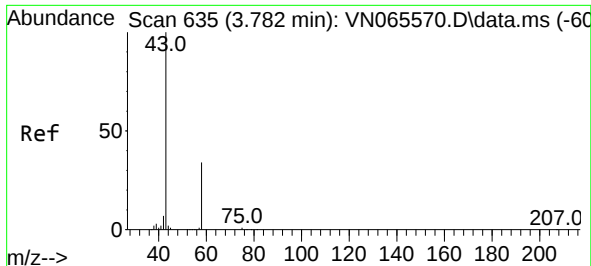


#13

Acrolein
 Concen: 18.83 ug/l
 RT: 3.592 min Scan# 576
 Delta R.T. 0.023 min
 Lab File: VN065603.D
 Acq: 26 Jan 2021 14:49

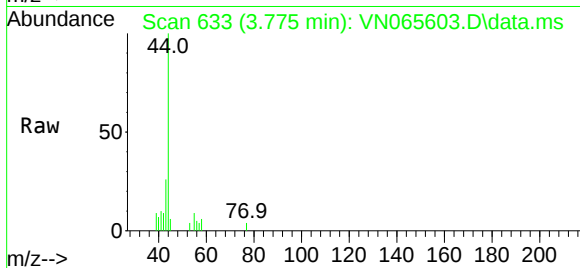
Tgt Ion: 56 Resp: 356
 Ion Ratio Lower Upper
 56 100
 55 34.0 56.0 84.0#



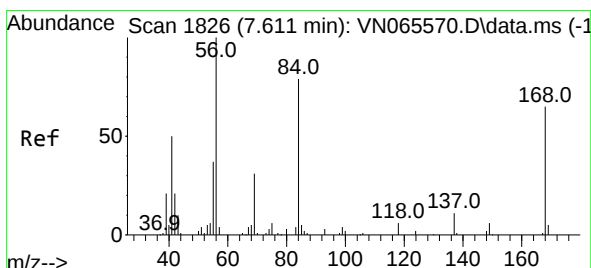
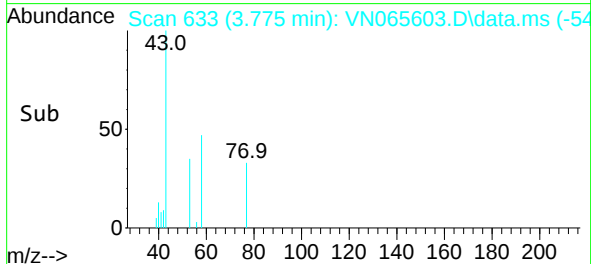
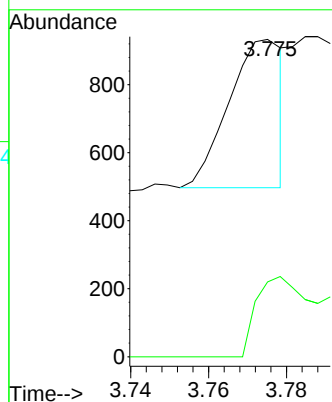


#16
Acetone
Concen: 0.39 ug/l
RT: 3.775 min Scan# 633
Delta R.T. -0.007 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Instrument :
MSVOA_N
ClientSampled :

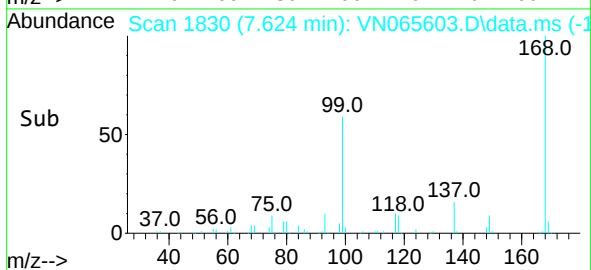
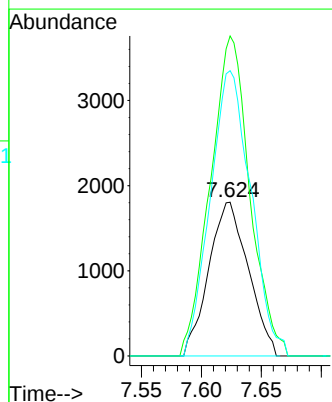
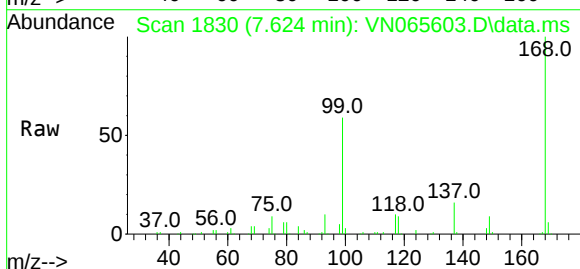


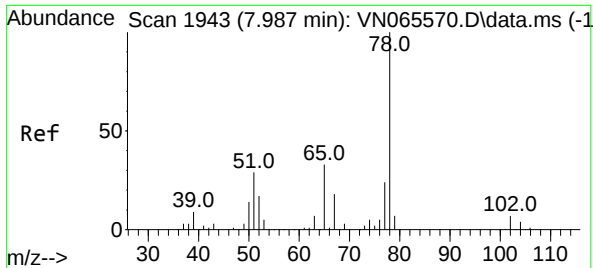
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
58 50.5 27.0 40.6#



#31
Cyclohexane
Concen: 0.80 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Tgt Ion: 56 Resp: 4139
Ion Ratio Lower Upper
56 100
69 208.1 26.6 39.8#
84 185.5 70.4 105.6#

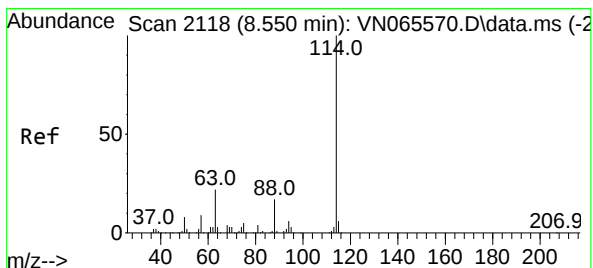
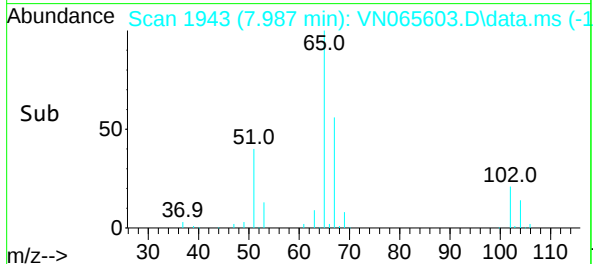
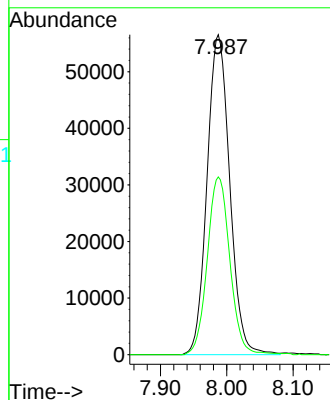
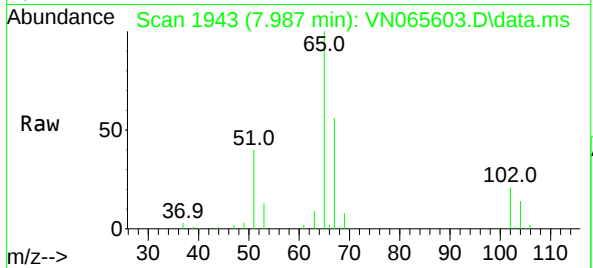




#33
1,2-Dichloroethane-d4
Concen: 49.04 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

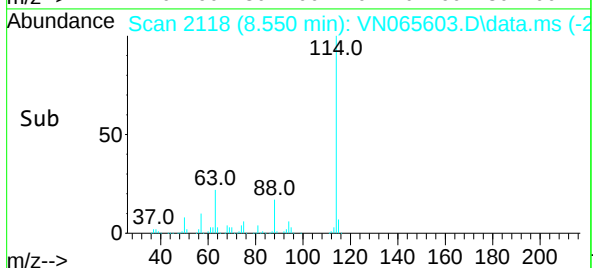
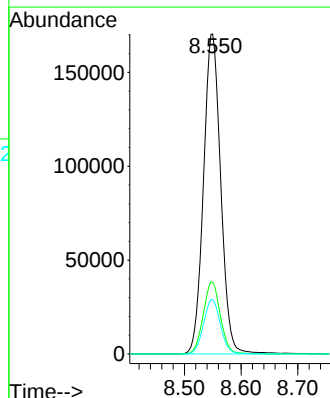
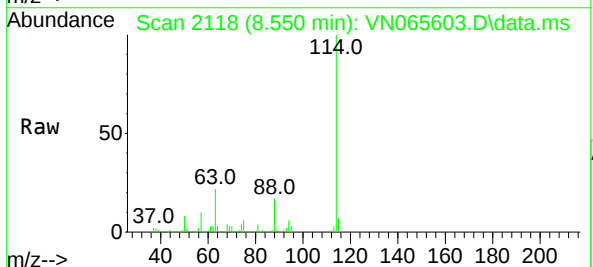
Instrument :
MSVOA_N
ClientSampled :

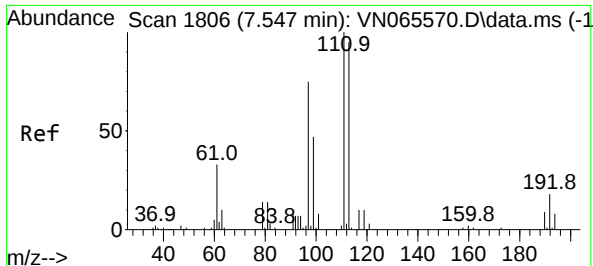
Tgt Ion: 65 Resp: 134600
Ion Ratio Lower Upper
65 100
67 55.4 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Tgt Ion: 114 Resp: 360516
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 16.9 0.0 30.6





#35

Dibromofluoromethane

Concen: 49.61 ug/l

RT: 7.550 min Scan# 1807

Delta R.T. 0.003 min

Lab File: VN065603.D

Acq: 26 Jan 2021 14:49

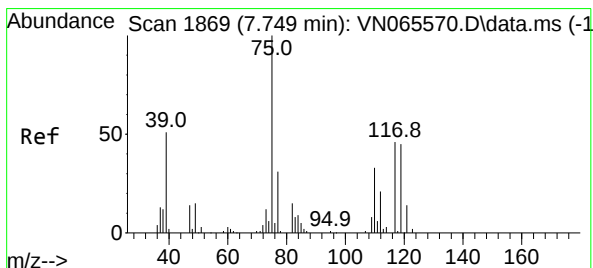
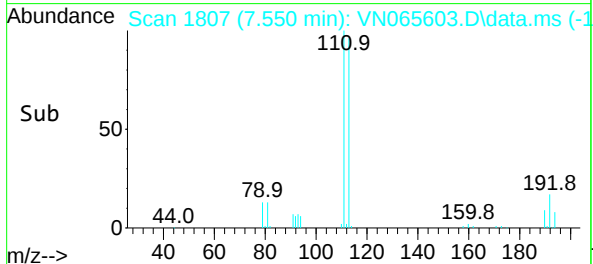
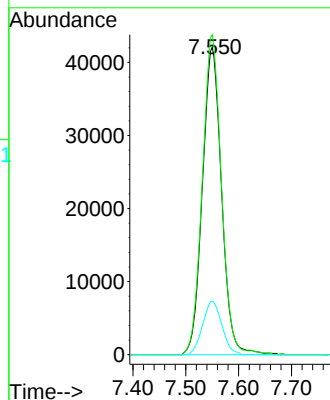
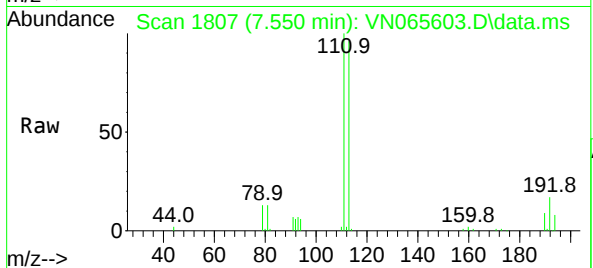
Tgt Ion:113 Resp: 105991

Ion Ratio Lower Upper

113 100

111 102.9 82.2 123.2

192 17.4 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.76 ug/l

RT: 7.624 min Scan# 1830

Delta R.T. -0.125 min

Lab File: VN065603.D

Acq: 26 Jan 2021 14:49

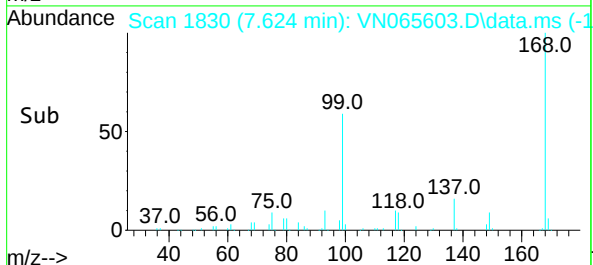
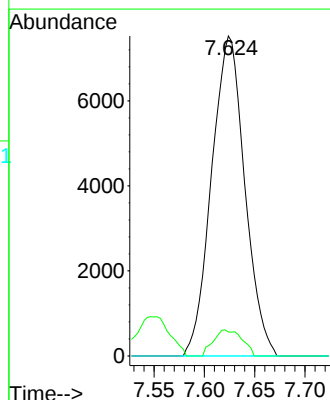
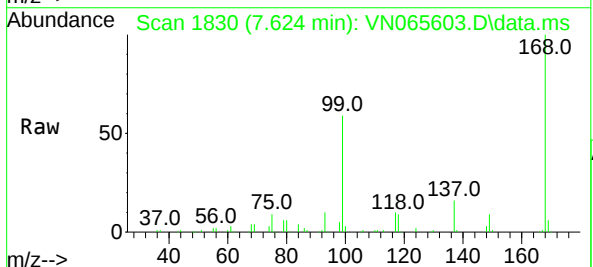
Tgt Ion: 75 Resp: 17265

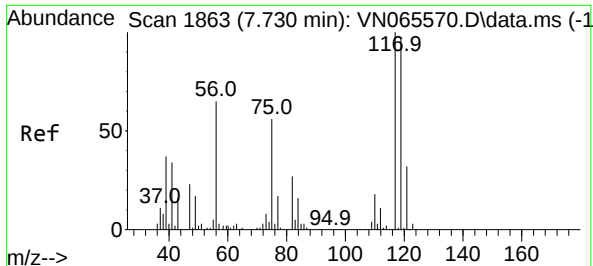
Ion Ratio Lower Upper

75 100

110 7.0 18.2 54.6#

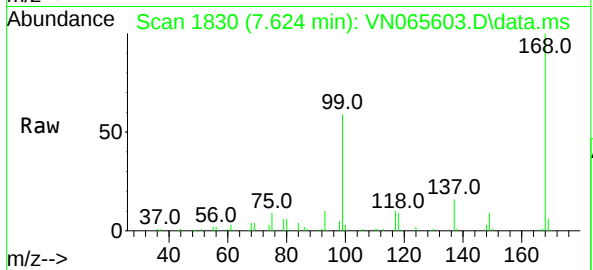
77 0.0 24.9 37.3#



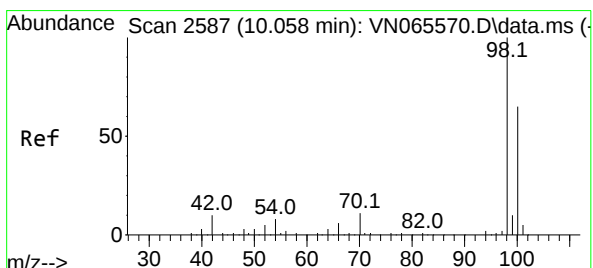
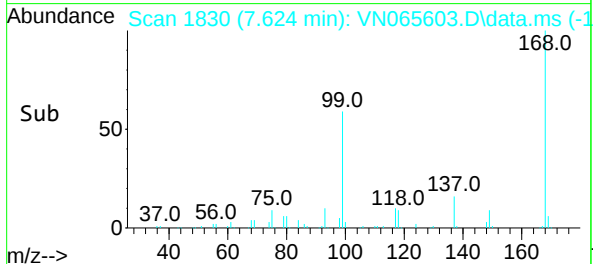
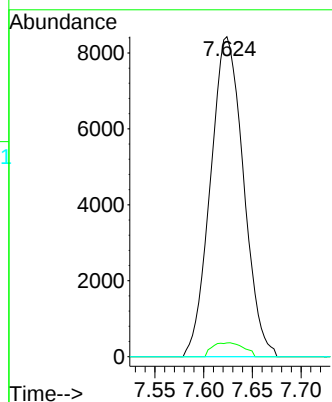


#38
Carbon Tetrachloride
Concen: 6.64 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.106 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Instrument :
MSVOA_N
ClientSampled :

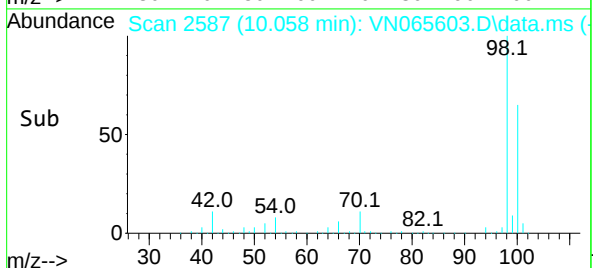
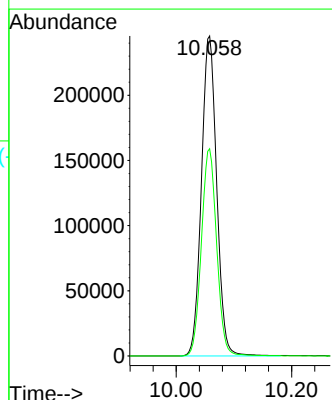
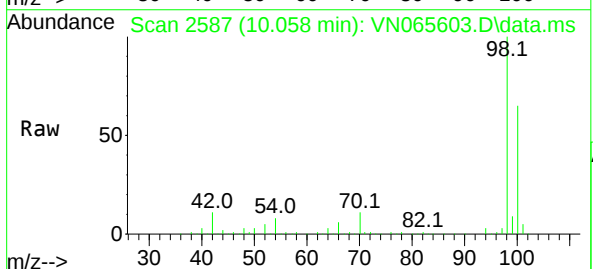


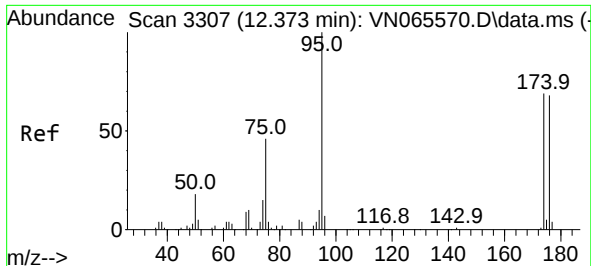
Tgt Ion:117 Resp: 19832
Ion Ratio Lower Upper
117 100
119 4.3 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.63 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Tgt Ion: 98 Resp: 450412
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

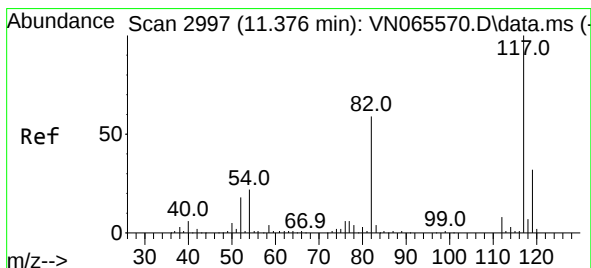
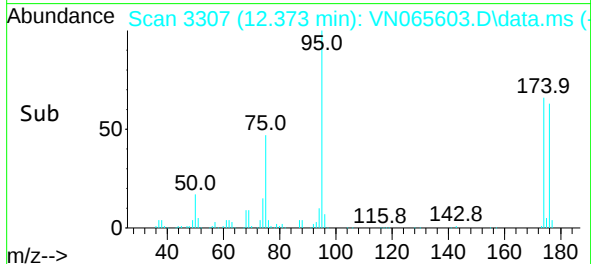
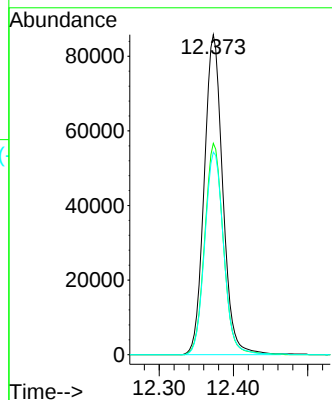
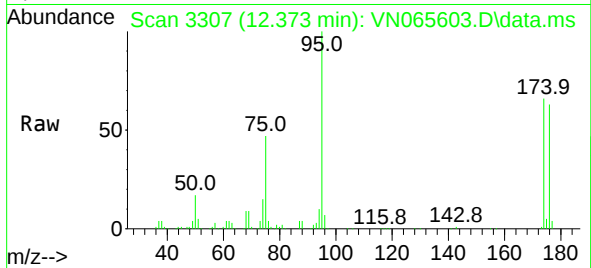




#62
4-Bromofluorobenzene
Concen: 49.06 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

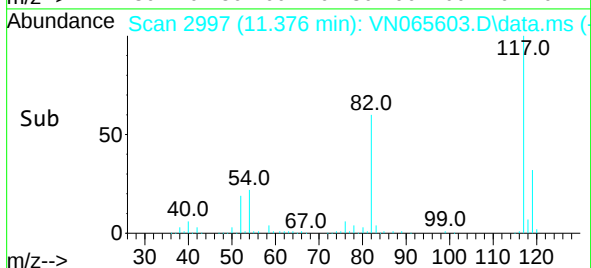
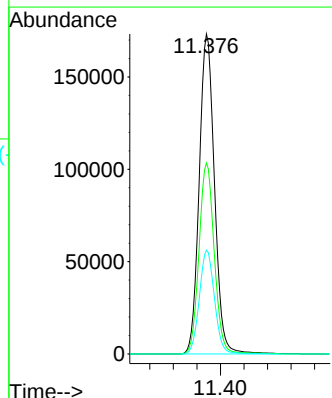
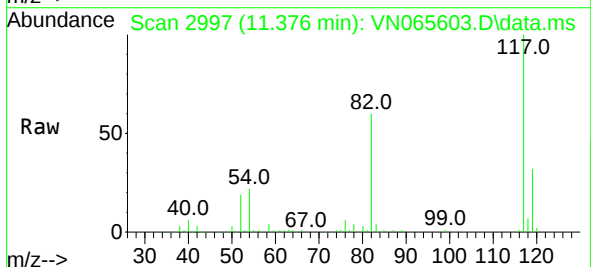
Instrument :
MSVOA_N
ClientSampleId :

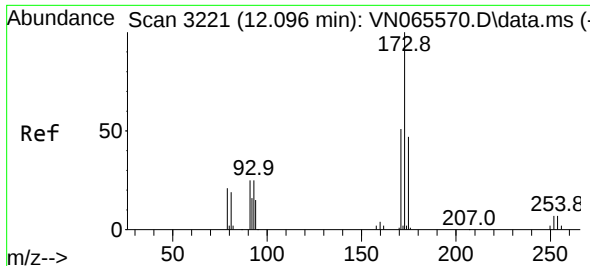
Tgt Ion: 95 Resp: 148362
Ion Ratio Lower Upper
95 100
174 66.6 0.0 169.0
176 64.7 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Tgt Ion: 117 Resp: 312937
Ion Ratio Lower Upper
117 100
82 59.7 43.7 65.5
119 32.5 26.1 39.1

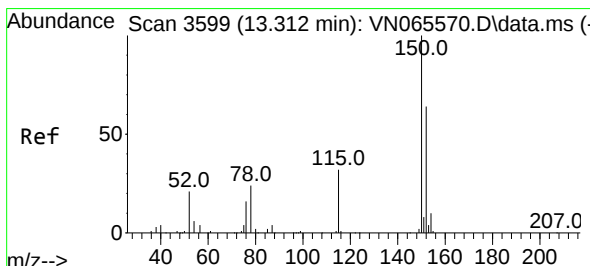
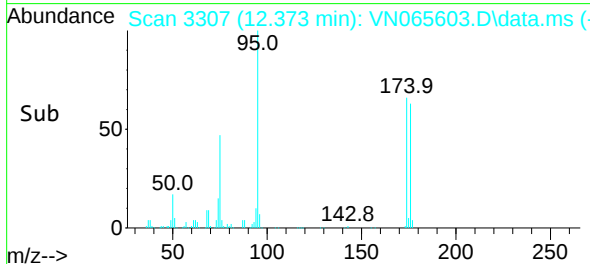
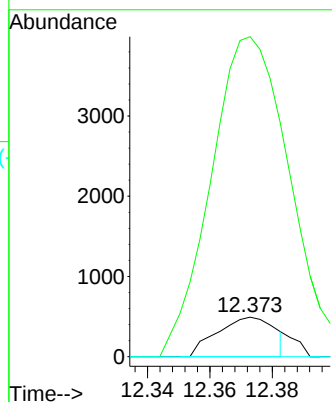
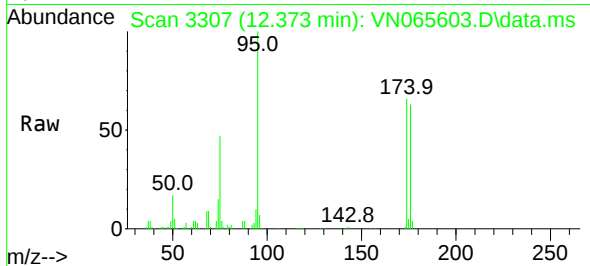




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.277 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

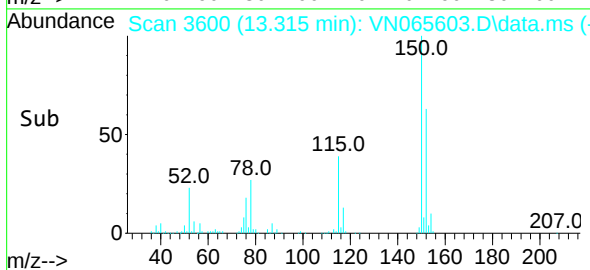
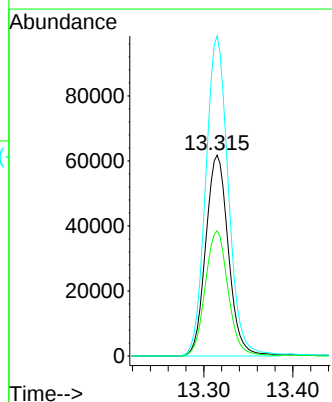
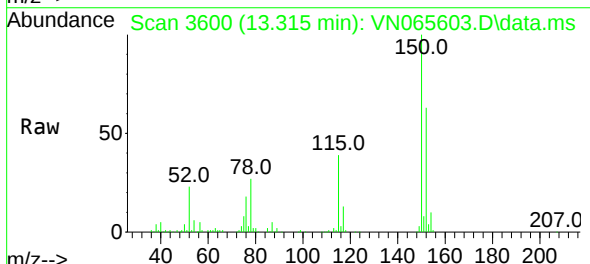
Instrument :
MSVOA_N
ClientSampleId :

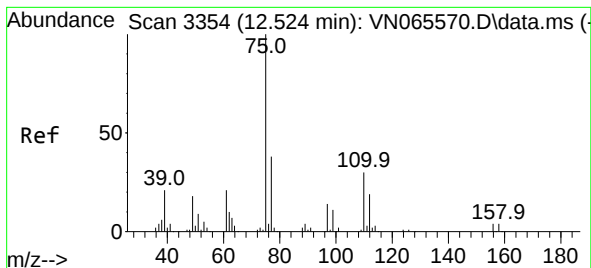
Tgt Ion:173 Resp: 633
Ion Ratio Lower Upper
173 100
175 913.9 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Tgt Ion:152 Resp: 109050
Ion Ratio Lower Upper
152 100
115 62.7 28.5 85.6
150 159.0 0.0 347.6

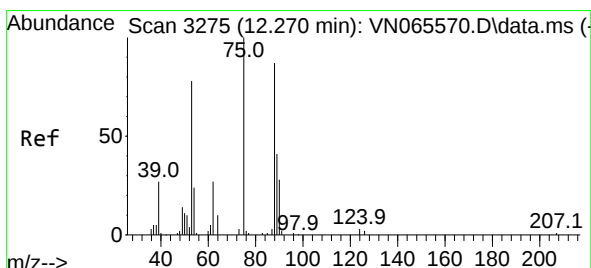
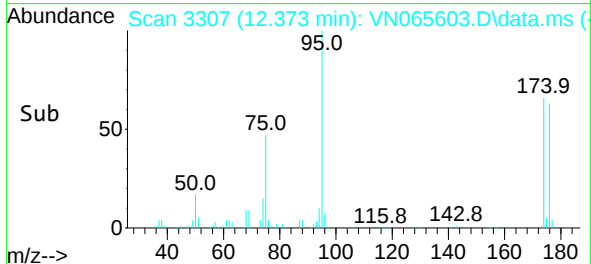
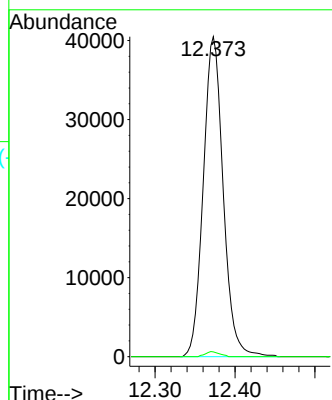
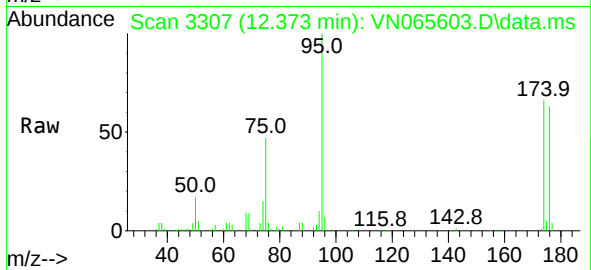




#76
1,2,3-Trichloropropane
Concen: 24.65 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 70276
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.12 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065603.D
Acq: 26 Jan 2021 14:49

Tgt Ion: 75 Resp: 70276
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

