

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065602.D
 Acq On : 26 Jan 2021 14:24
 Operator : JC/MD
 Sample : M1221-02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:28:14 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)

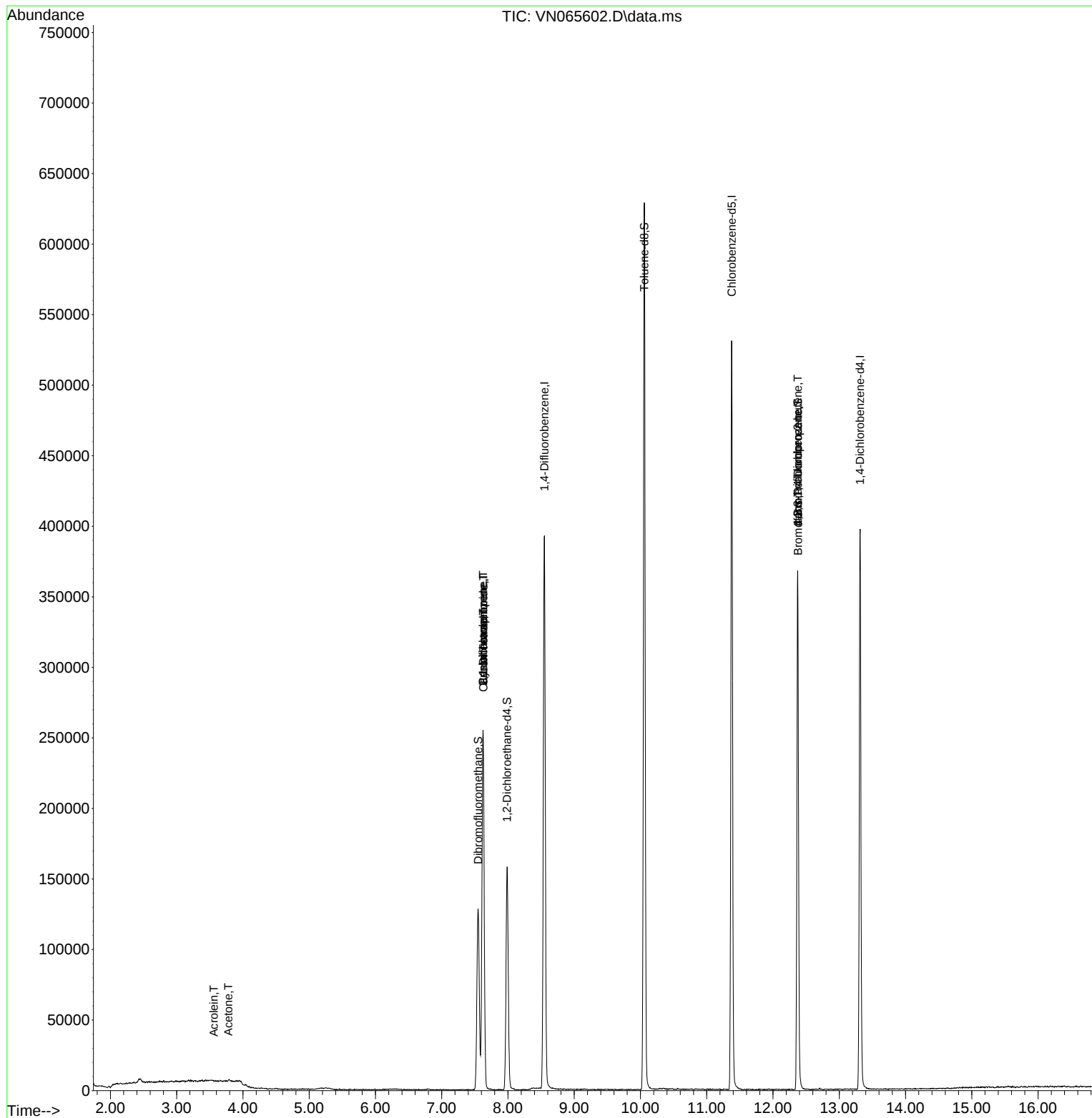
Internal Standards						
1) Pentafluorobenzene	7.624	168	206231	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	359302	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	313035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	111199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.987	65	133097	49.06	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	98.12%
35) Dibromofluoromethane	7.550	113	106439	49.99	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.98%
50) Toluene-d8	10.058	98	447648	53.49	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	106.98%
62) 4-Bromofluorobenzene	12.373	95	148337	49.22	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.44%
Target Compounds						
					Qvalue	
13) Acrolein	3.560	56	277	18.67	ug/l #	54
16) Acetone	3.778	43	1815	1.72	ug/l #	41
31) Cyclohexane	7.624	56	4234	0.83	ug/l #	1
36) 1,1-Dichloropropene	7.624	75	16851	4.66	ug/l #	47
38) Carbon Tetrachloride	7.627	117	19893	6.68	ug/l #	17
71) Bromoform	12.376	173	572	0.36	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	70680	24.31	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	70680	62.26	ug/l #	12

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

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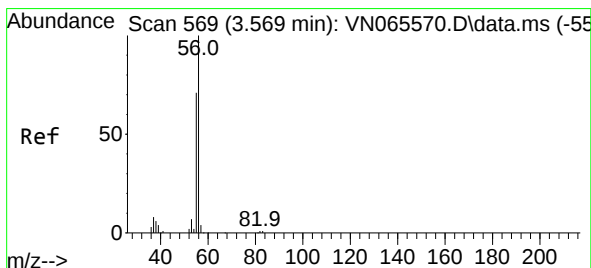
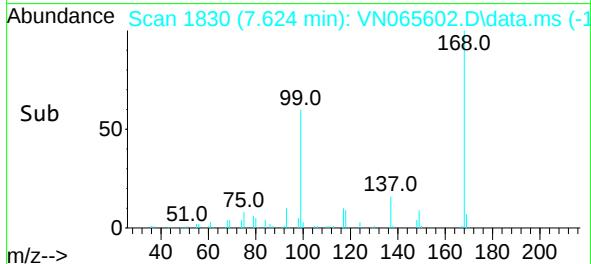
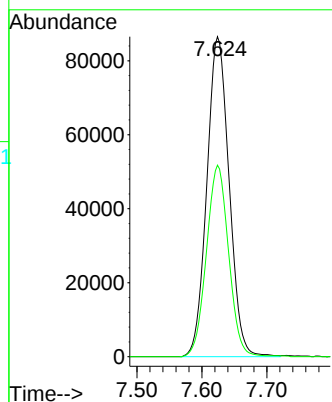
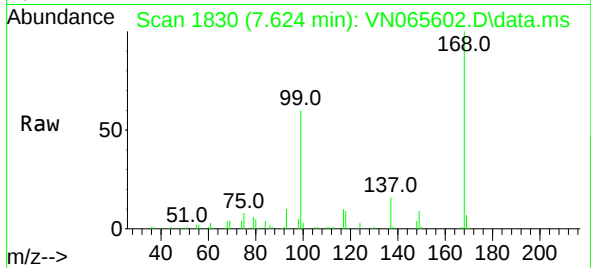




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

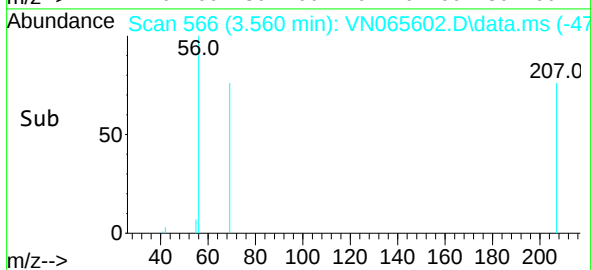
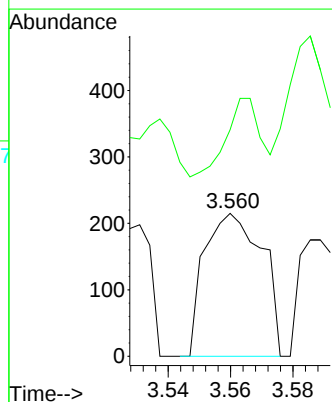
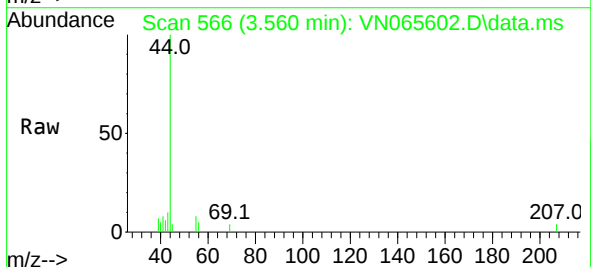
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 206231
Ion Ratio Lower Upper
168 100
99 59.9 42.6 63.8



#13
Acrolein
Concen: 18.67 ug/l
RT: 3.560 min Scan# 566
Delta R.T. -0.009 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

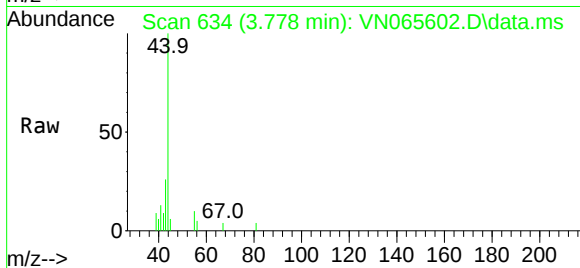
Tgt Ion: 56 Resp: 277
Ion Ratio Lower Upper
56 100
55 32.1 56.0 84.0#



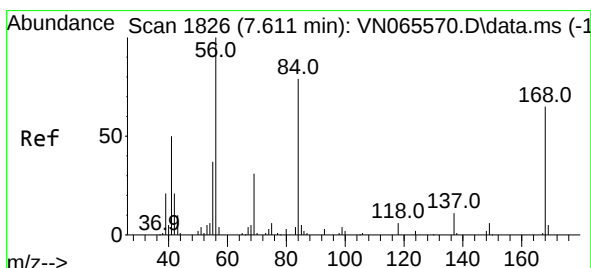
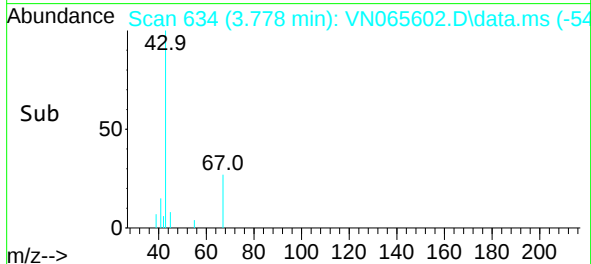
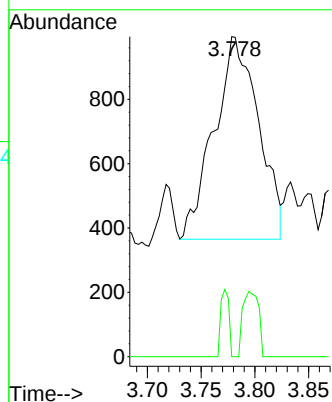


#16
Acetone
Concen: 1.72 ug/l
RT: 3.778 min Scan# 634
Delta R.T. -0.004 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Instrument :
MSVOA_N
ClientSampled :

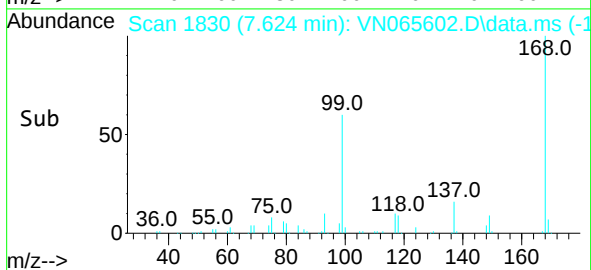
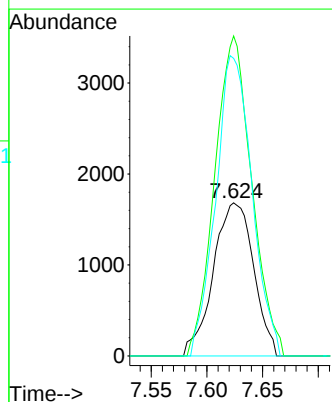
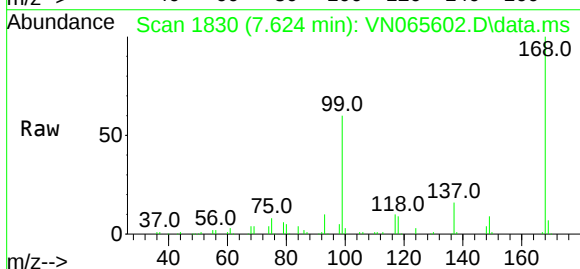


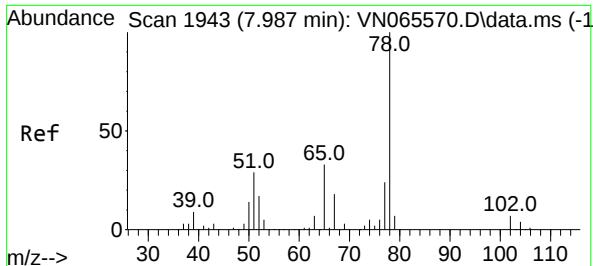
Tgt Ion: 43 Resp: 1815
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#31
Cyclohexane
Concen: 0.83 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. 0.013 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Tgt Ion: 56 Resp: 4234
Ion Ratio Lower Upper
56 100
69 208.9 26.6 39.8#
84 194.3 70.4 105.6#

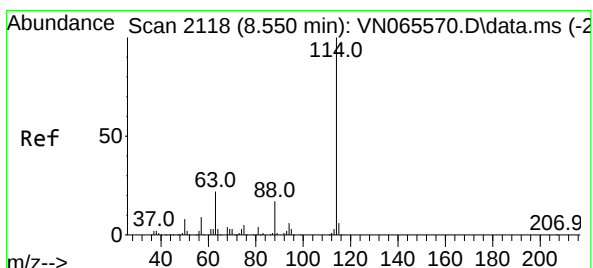
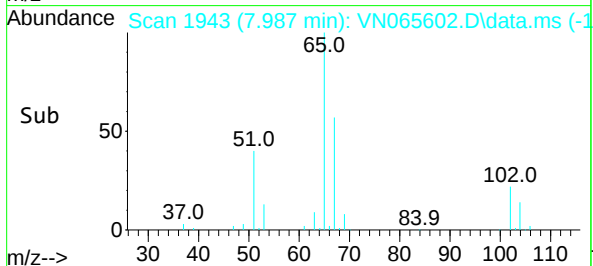
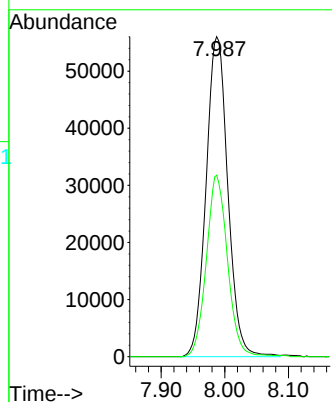
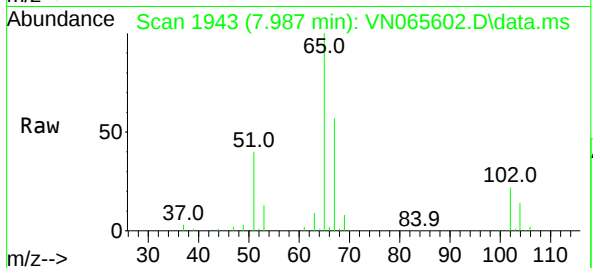




#33
1,2-Dichloroethane-d4
Concen: 49.06 ug/l
RT: 7.987 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

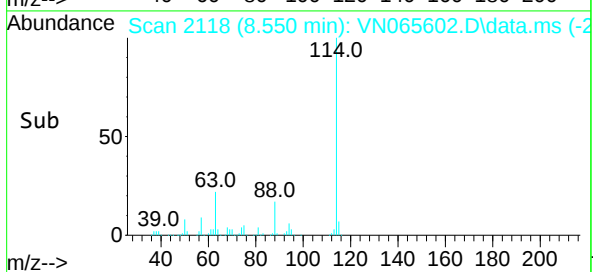
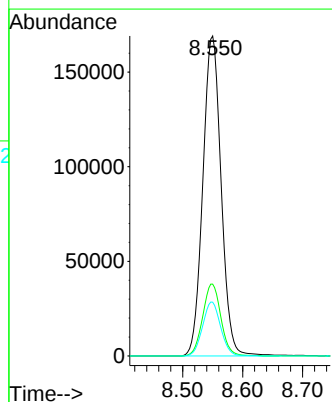
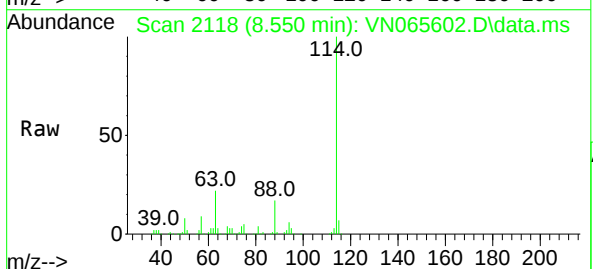
Instrument :
MSVOA_N
ClientSampled :

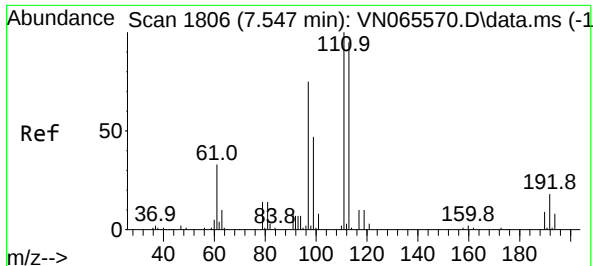
Tgt Ion: 65 Resp: 133097
Ion Ratio Lower Upper
65 100
67 55.3 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Tgt Ion: 114 Resp: 359302
Ion Ratio Lower Upper
114 100
63 22.4 0.0 38.6
88 16.8 0.0 30.6

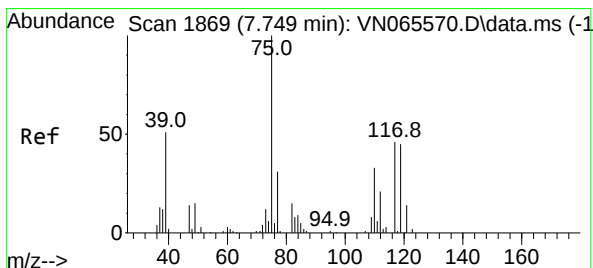
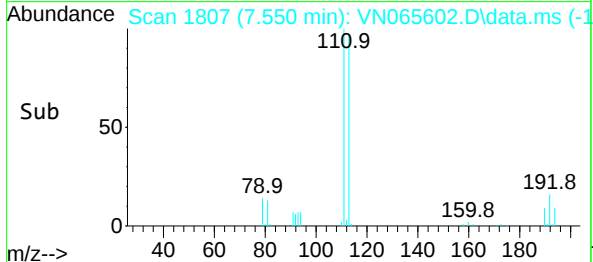
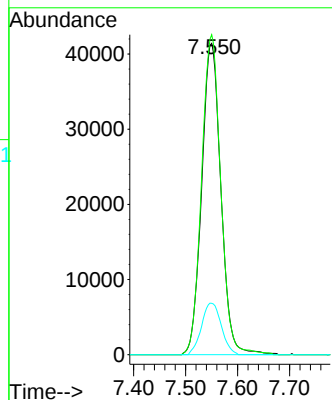
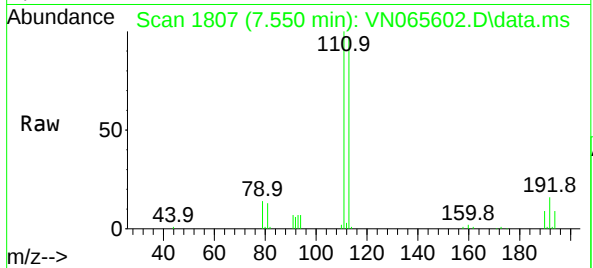




#35
Dibromofluoromethane
Concen: 49.99 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.003 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

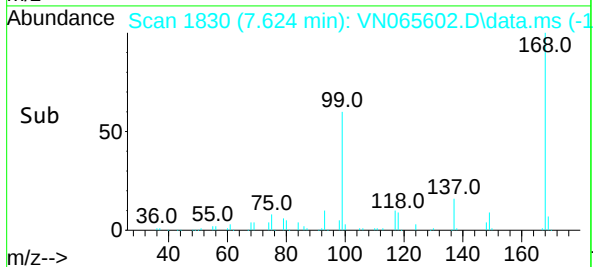
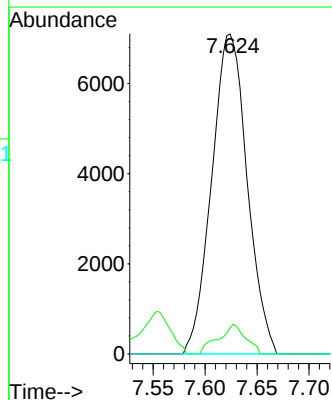
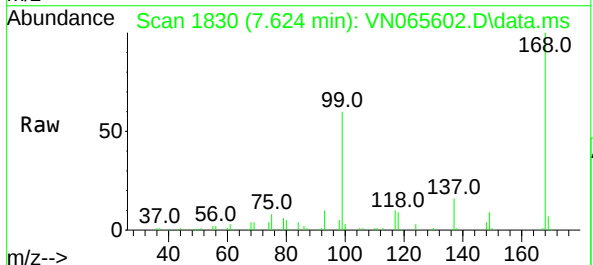
Instrument :
MSVOA_N
ClientSampleId :

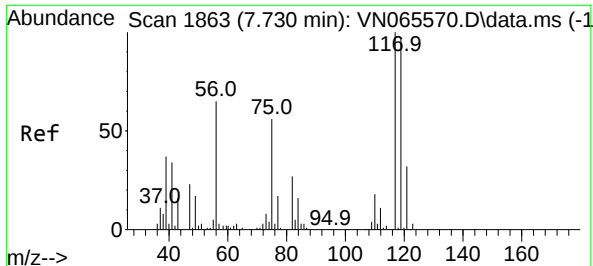
Tgt Ion:113 Resp: 106439
Ion Ratio Lower Upper
113 100
111 102.4 82.2 123.2
192 17.0 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.66 ug/l
RT: 7.624 min Scan# 1830
Delta R.T. -0.125 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

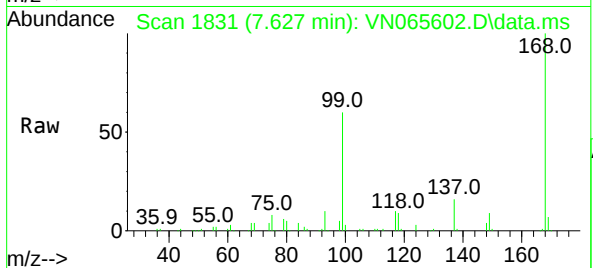
Tgt Ion: 75 Resp: 16851
Ion Ratio Lower Upper
75 100
110 7.1 18.2 54.6#
77 0.0 24.9 37.3#



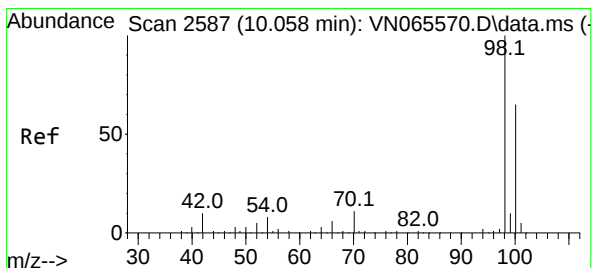
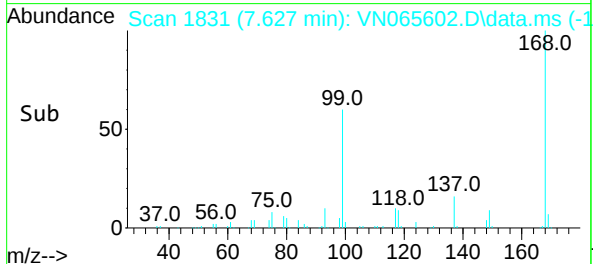
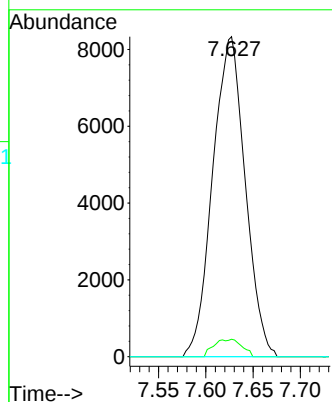


#38
Carbon Tetrachloride
Concen: 6.68 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. -0.103 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Instrument :
MSVOA_N
ClientSampled :

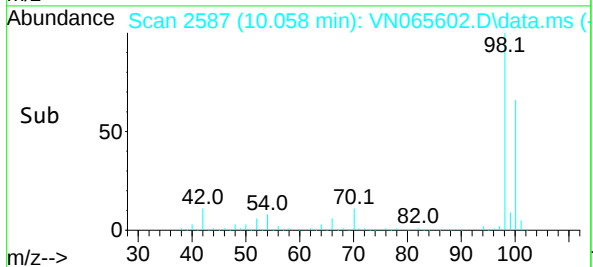
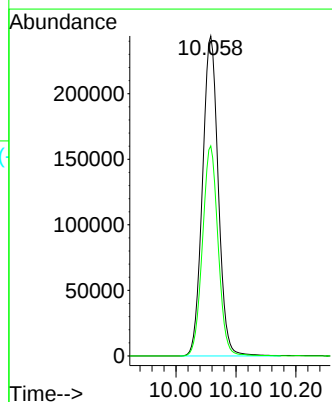
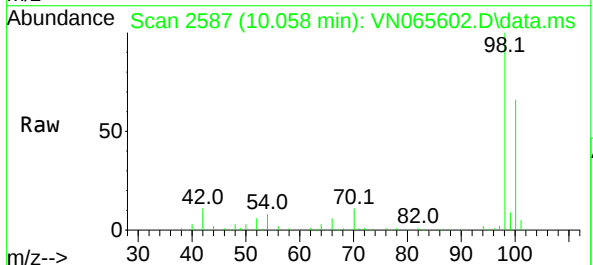


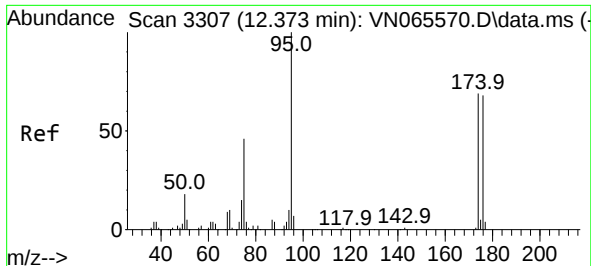
Tgt Ion:117 Resp: 19893
Ion Ratio Lower Upper
117 100
119 5.5 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.49 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Tgt Ion: 98 Resp: 447648
Ion Ratio Lower Upper
98 100
100 64.8 50.5 75.7

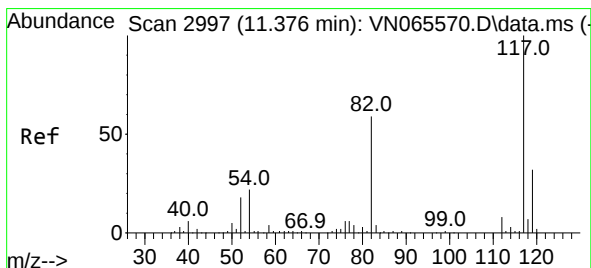
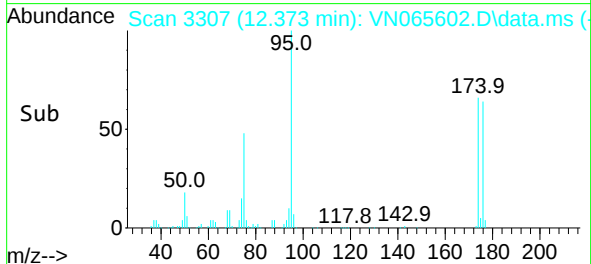
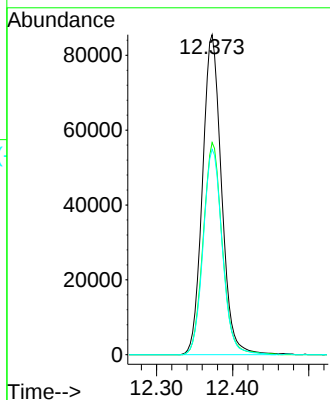
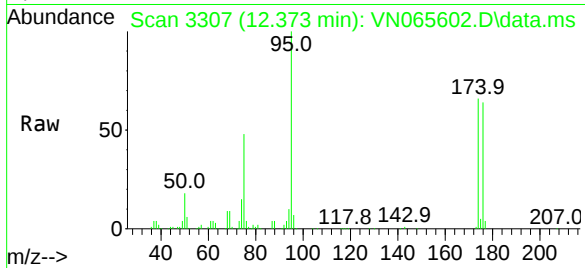




#62
4-Bromofluorobenzene
Concen: 49.22 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.000 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

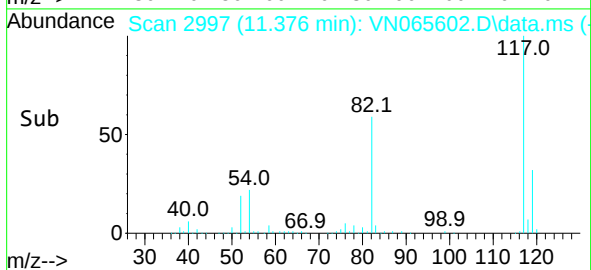
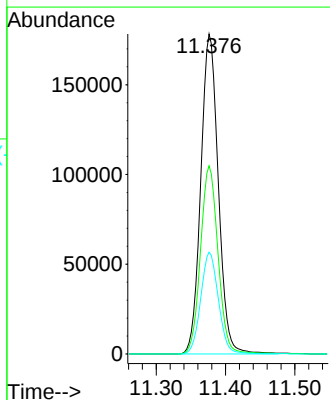
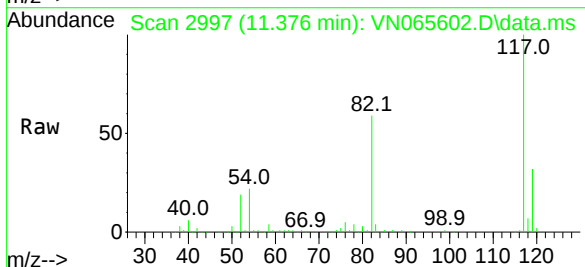
Instrument :
MSVOA_N
ClientSampleId :

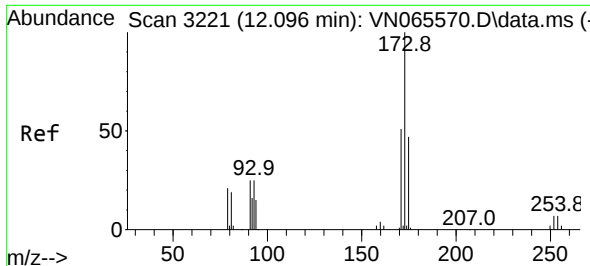
Tgt Ion: 95 Resp: 148337
Ion Ratio Lower Upper
95 100
174 66.5 0.0 169.0
176 64.5 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

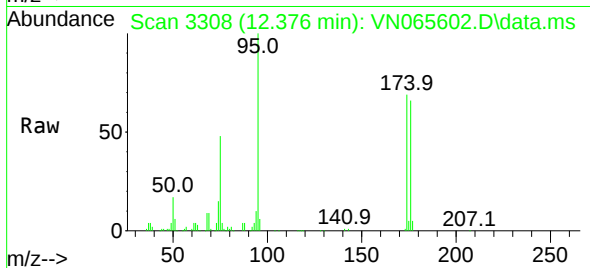
Tgt Ion: 117 Resp: 313035
Ion Ratio Lower Upper
117 100
82 58.8 43.7 65.5
119 31.8 26.1 39.1



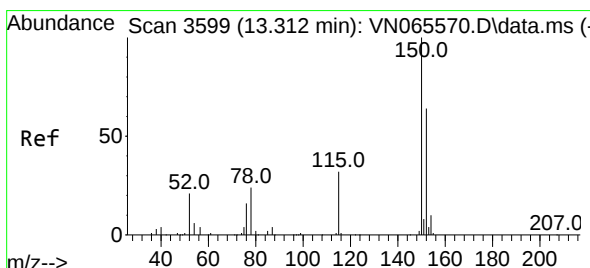
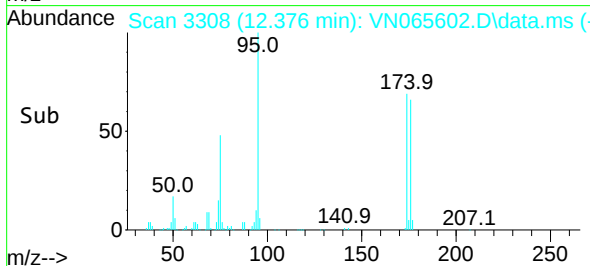
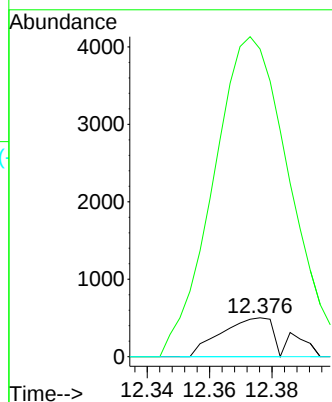


#71
Bromoform
Concen: 0.36 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.280 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Instrument :
MSVOA_N
ClientSampleId :

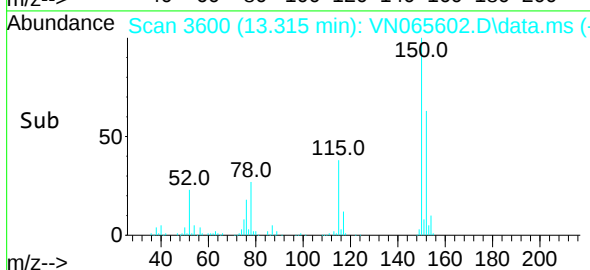
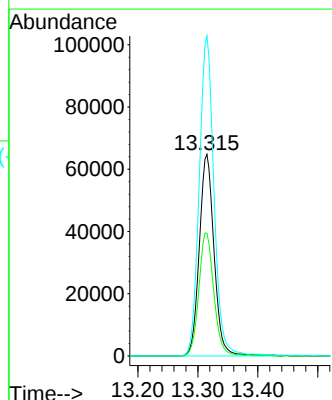
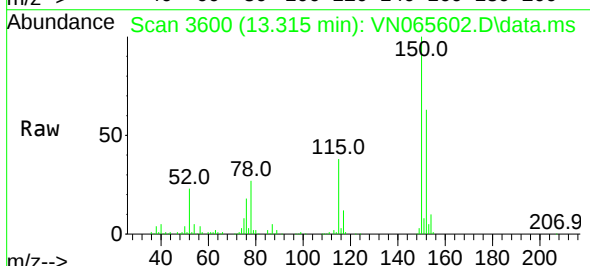


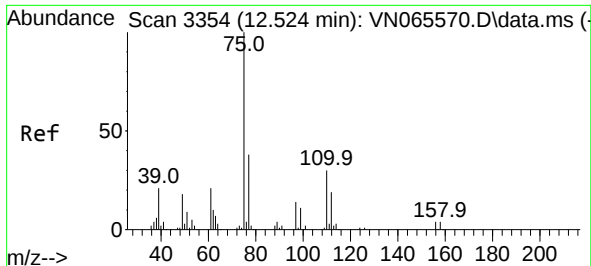
Tgt Ion:173 Resp: 572
Ion Ratio Lower Upper
173 100
175 1010.5 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Tgt Ion:152 Resp: 111199
Ion Ratio Lower Upper
152 100
115 61.6 28.5 85.6
150 157.9 0.0 347.6

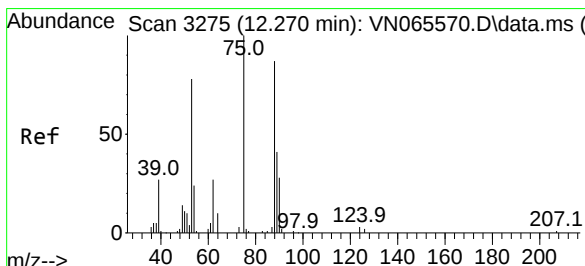
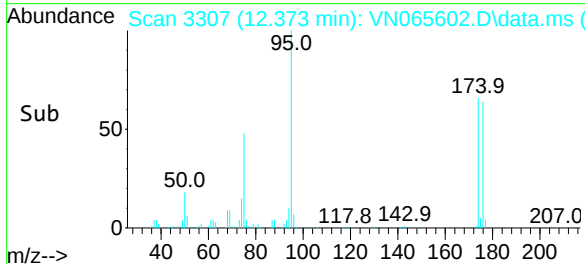
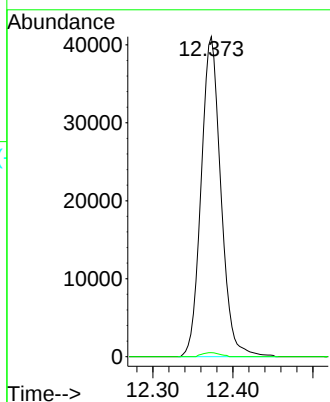
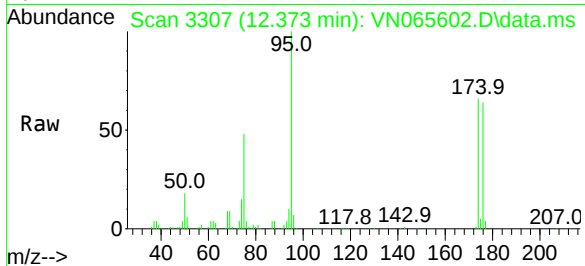




#76
1,2,3-Trichloropropane
Concen: 24.31 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion: 75 Resp: 70680
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 62.26 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065602.D
Acq: 26 Jan 2021 14:24

Tgt Ion: 75 Resp: 70680
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#

