

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021121\
 Data File : VN065827.D
 Acq On : 11 Feb 2021 20:36
 Operator : JC/MD
 Sample : M1384-04
 Misc : 1.10g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Feb 12 01:32:37 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)

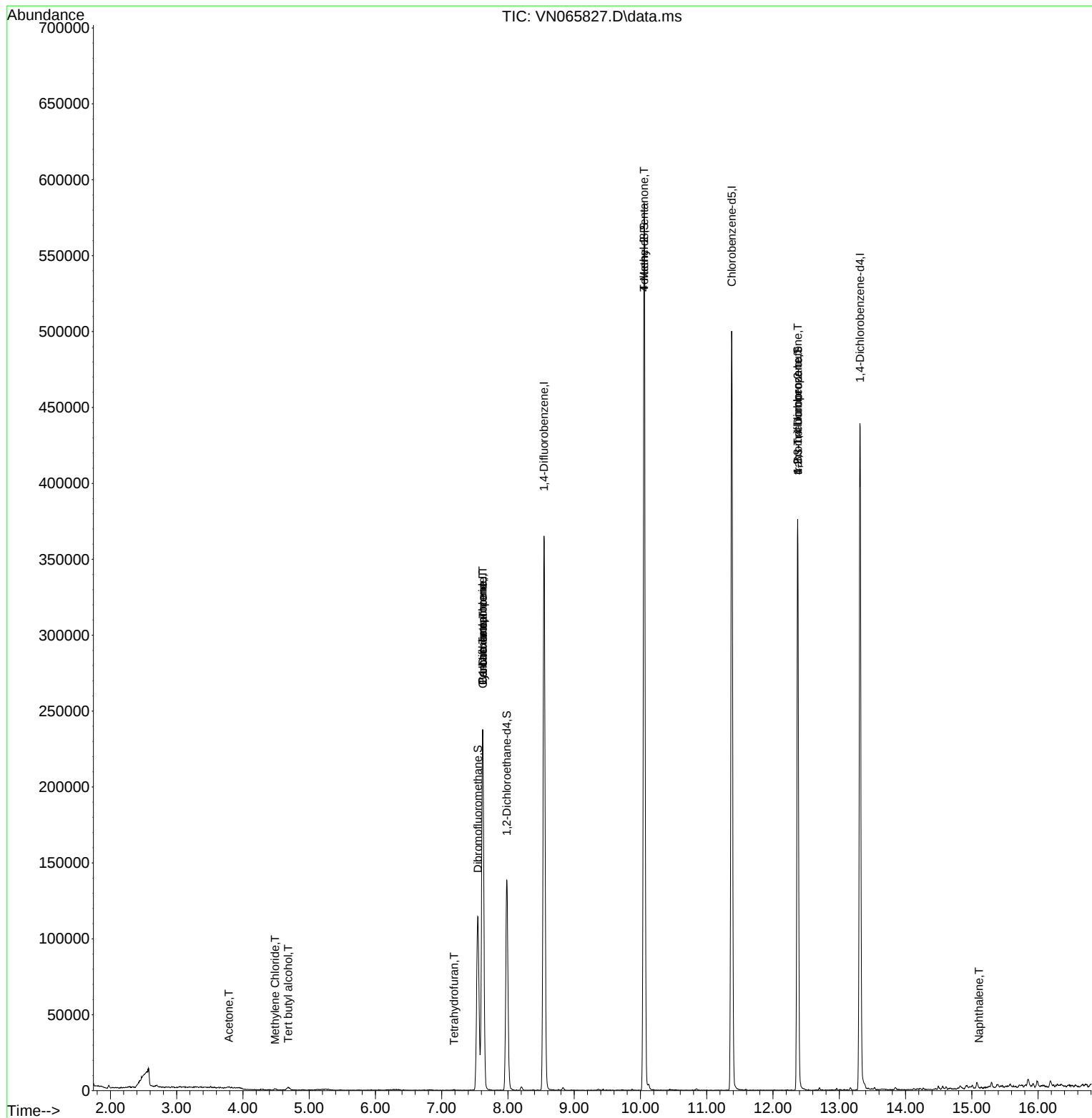
Internal Standards						
1) Pentafluorobenzene	7.618	168	200240	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.544	114	344511	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	313167	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	126520	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	115026	43.66	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	87.32%		
35) Dibromofluoromethane	7.547	113	95358	46.71	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.42%		
50) Toluene-d8	10.055	98	429421	53.51	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	107.02%		
62) 4-Bromofluorobenzene	12.373	95	150930	52.23	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	104.46%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.682	59	1878	3.81	ug/l #	73
16) Acetone	3.785	43	1801	1.76	ug/l #	41
20) Methylene Chloride	4.486	84	584	0.21	ug/l #	56
29) Tetrahydrofuran	7.187	42	461	0.40	ug/l #	32
31) Cyclohexane	7.621	56	3659	0.74	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	15535	4.48	ug/l #	47
38) Carbon Tetrachloride	7.618	117	19434	6.81	ug/l #	16
51) 4-Methyl-2-Pentanone	10.055	43	1587	0.49	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	67611	20.44	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.373	75	67611	52.34	ug/l #	12
95) Naphthalene	15.109	128	332	3.49	ug/l #	69

(#) = 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

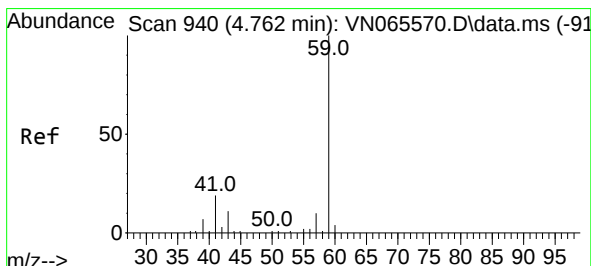
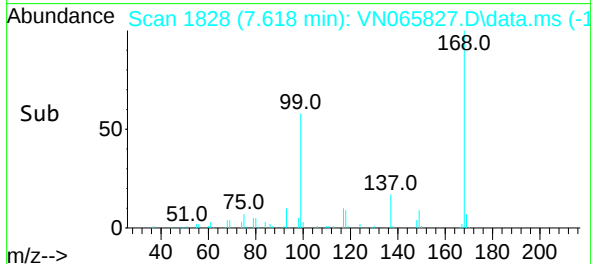
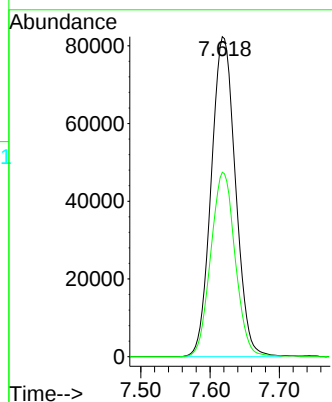
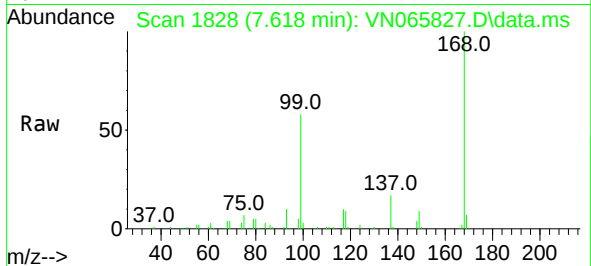




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.006 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

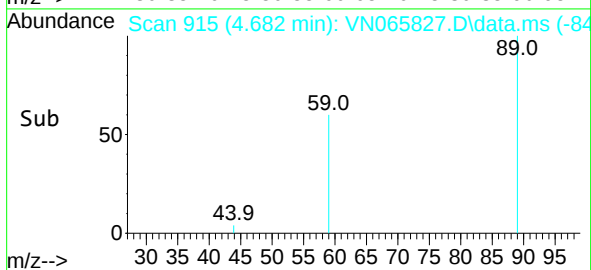
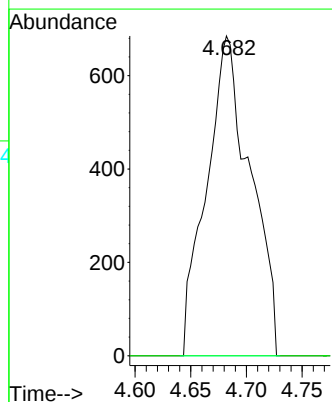
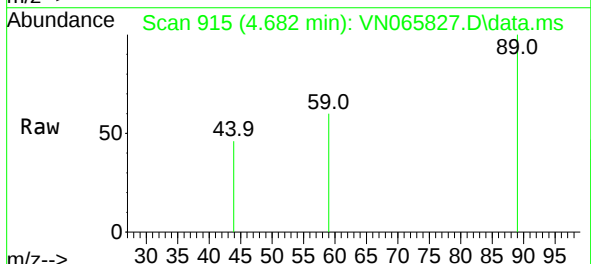
Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:168 Resp: 200240
Ion Ratio Lower Upper
168 100
99 57.7 42.6 63.8



#11
Tert butyl alcohol
Concen: 3.81 ug/l
RT: 4.682 min Scan# 915
Delta R.T. -0.080 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

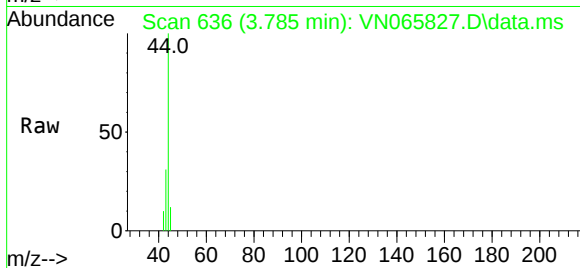
Tgt Ion: 59 Resp: 1878
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



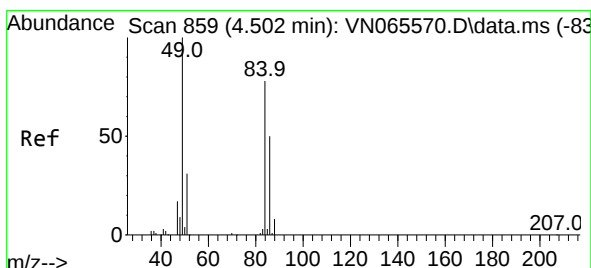
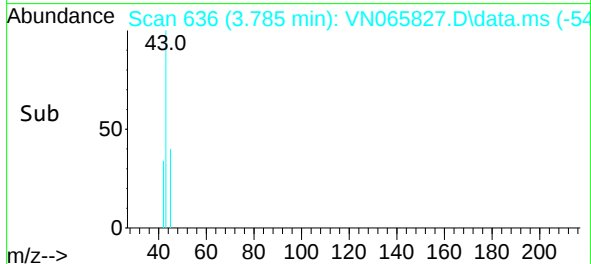
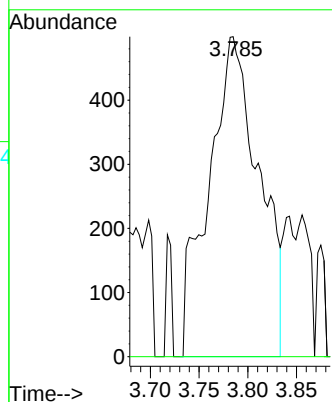


#16
Acetone
Concen: 1.76 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.003 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Instrument :
MSVOA_N
ClientSampled :

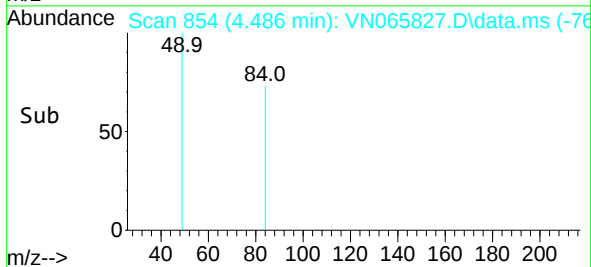
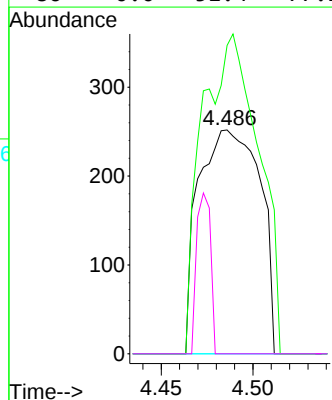
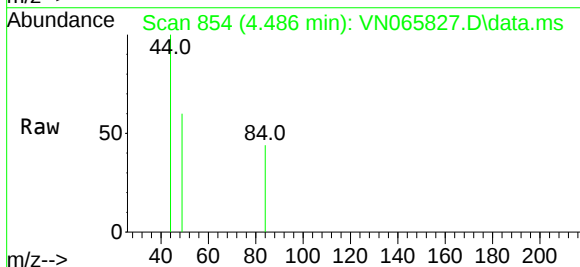


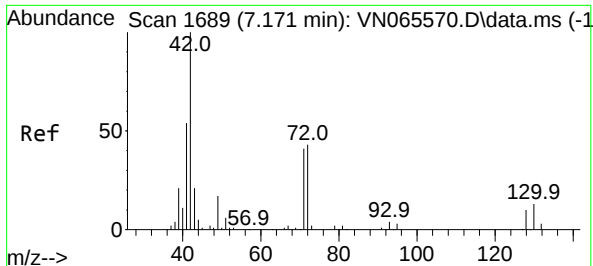
Tgt Ion: 43 Resp: 1801
Ion Ratio Lower Upper
43 100
58 0.0 27.0 40.6#



#20
Methylene Chloride
Concen: 0.21 ug/l
RT: 4.486 min Scan# 854
Delta R.T. -0.016 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Tgt Ion: 84 Resp: 584
Ion Ratio Lower Upper
84 100
49 137.7 94.6 141.8
51 0.0 29.9 44.9#
86 0.0 51.4 77.2#

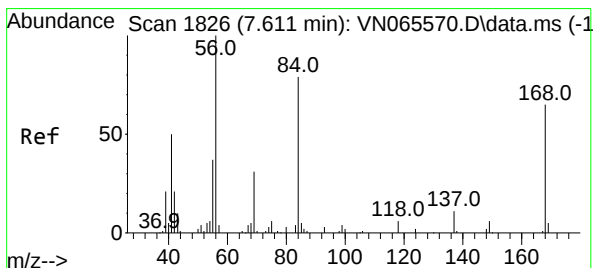
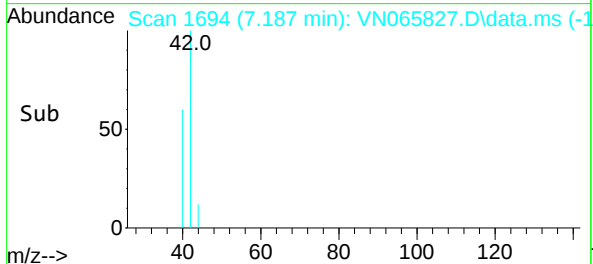
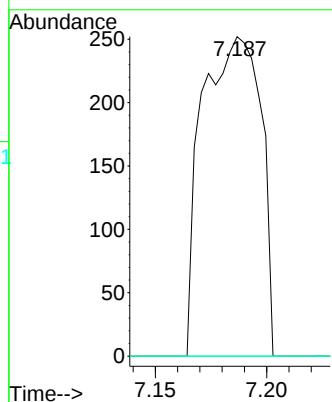
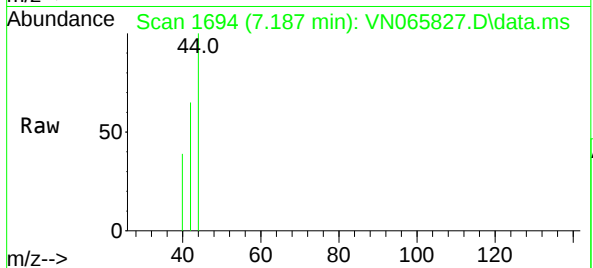




#29
Tetrahydrofuran
Concen: 0.40 ug/l
RT: 7.187 min Scan# 1694
Delta R.T. 0.016 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

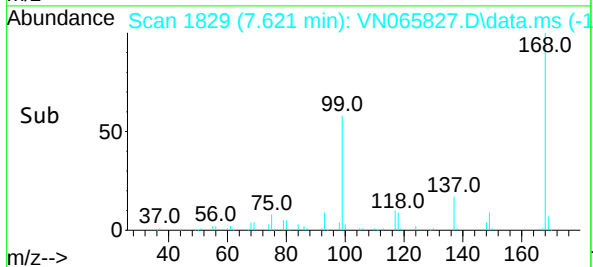
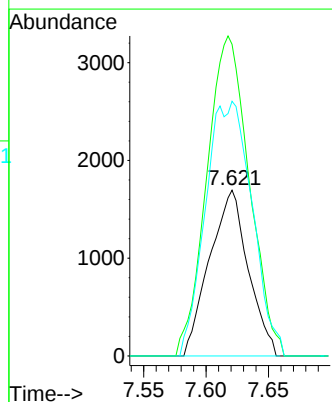
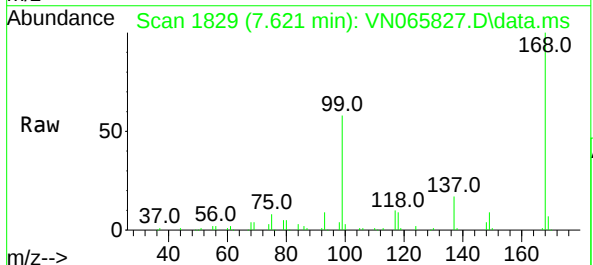
Instrument :
MSVOA_N
ClientSampled :

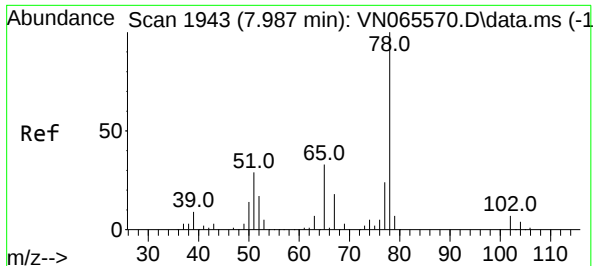
Tgt Ion: 42 Resp: 461
Ion Ratio Lower Upper
42 100
72 0.0 36.6 55.0#
71 0.0 34.3 51.5#



#31
Cyclohexane
Concen: 0.74 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. 0.010 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Tgt Ion: 56 Resp: 3659
Ion Ratio Lower Upper
56 100
69 178.0 26.6 39.8#
84 153.7 70.4 105.6#

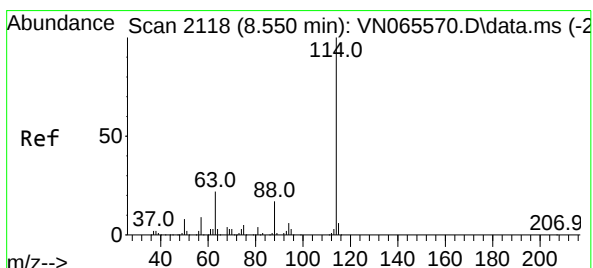
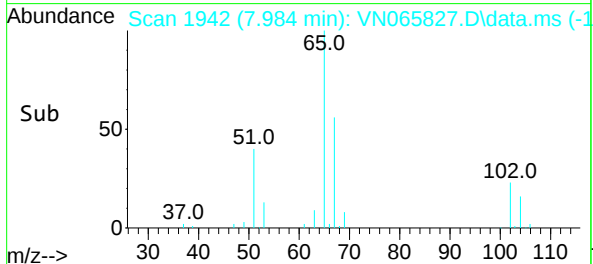
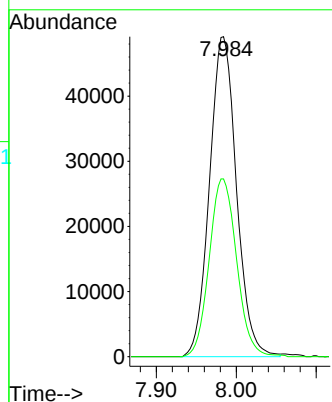
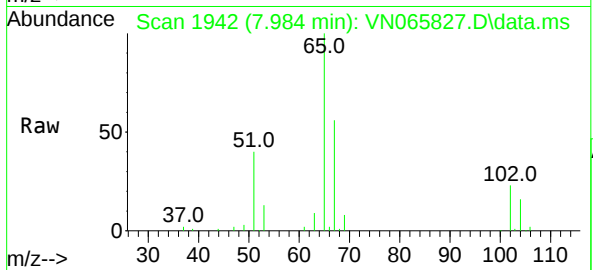




#33
 1,2-Dichloroethane-d4
 Concen: 43.66 ug/l
 RT: 7.984 min Scan# 1942
 Delta R.T. -0.003 min
 Lab File: VN065827.D
 Acq: 11 Feb 2021 20:36

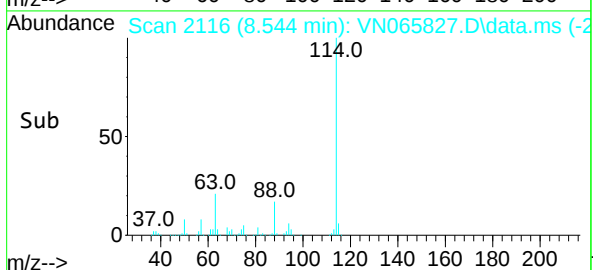
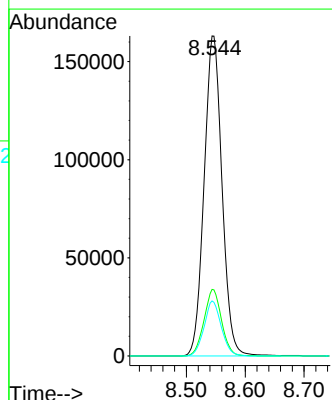
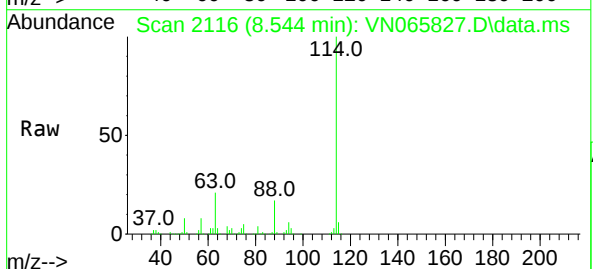
Instrument :
 MSVOA_N
 ClientSampled :

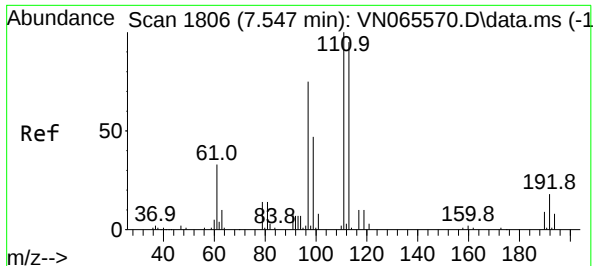
Tgt Ion: 65 Resp: 115026
 Ion Ratio Lower Upper
 65 100
 67 56.6 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.544 min Scan# 2116
 Delta R.T. -0.006 min
 Lab File: VN065827.D
 Acq: 11 Feb 2021 20:36

Tgt Ion: 114 Resp: 344511
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.6
 88 17.2 0.0 30.6

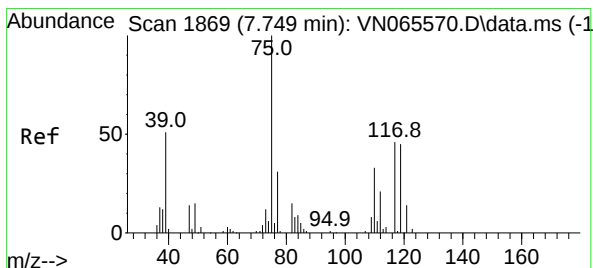
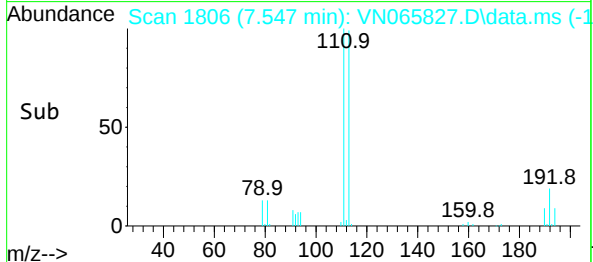
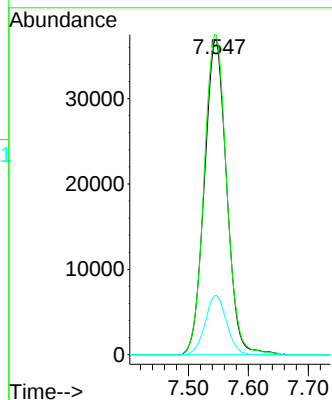
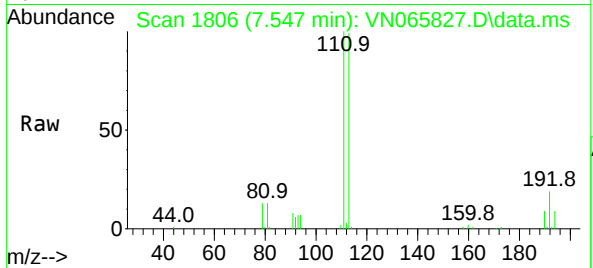




#35
Dibromofluoromethane
Concen: 46.71 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

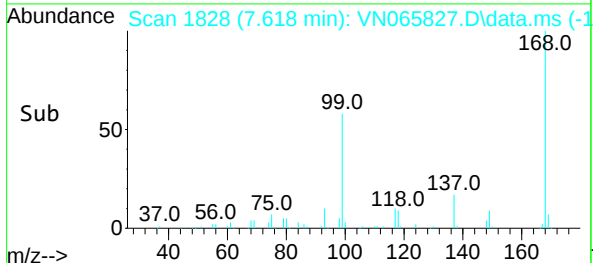
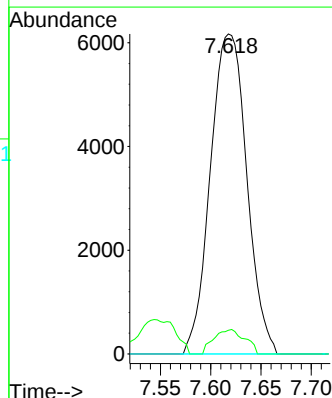
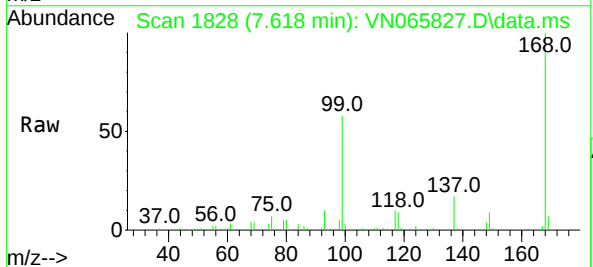
Instrument :
MSVOA_N
ClientSampled :

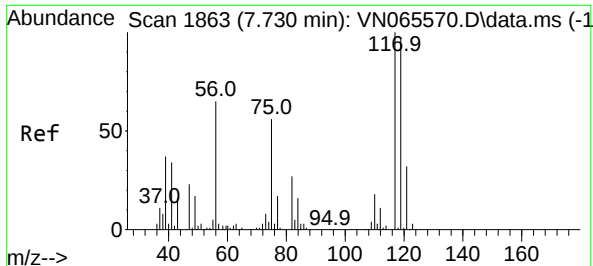
Tgt Ion:113 Resp: 95358
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.2
192 18.1 15.4 23.0



#36
1,1-Dichloropropene
Concen: 4.48 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.131 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

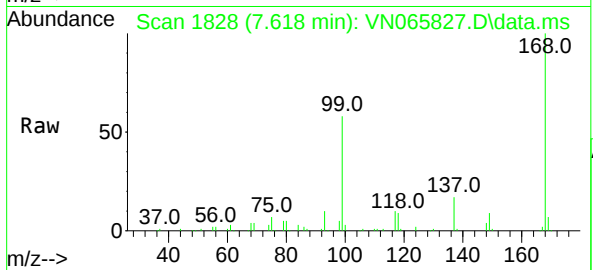
Tgt Ion: 75 Resp: 15535
Ion Ratio Lower Upper
75 100
110 6.5 18.2 54.6#
77 0.0 24.9 37.3#



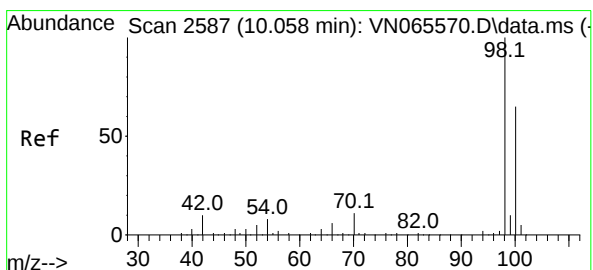
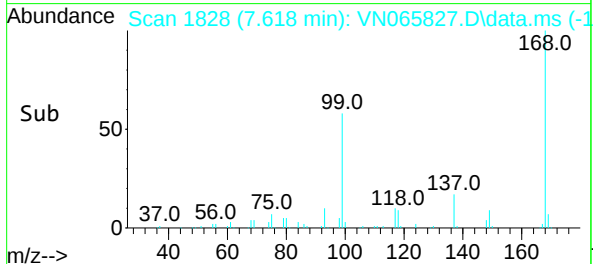
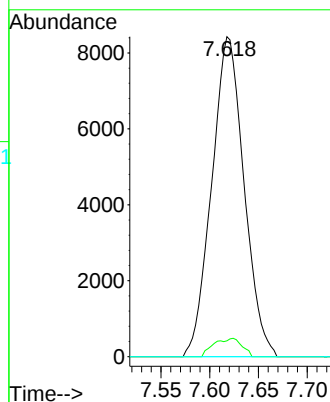


#38
Carbon Tetrachloride
Concen: 6.81 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.112 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Instrument :
MSVOA_N
ClientSampled :

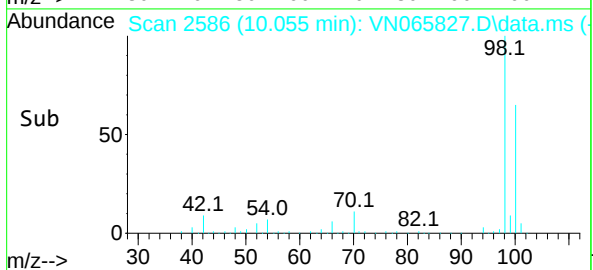
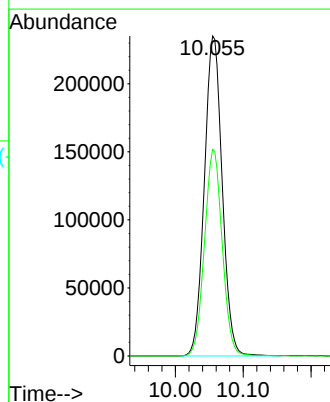
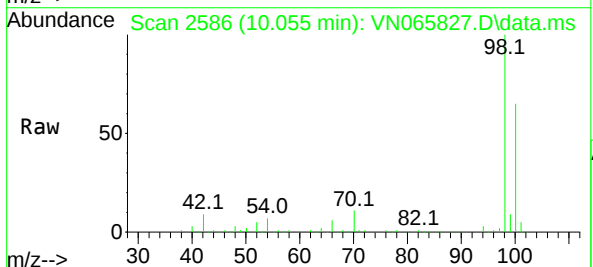


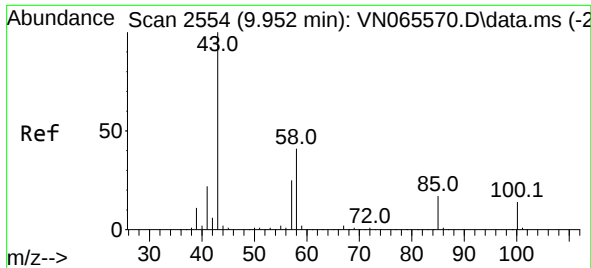
Tgt Ion:117 Resp: 19434
Ion Ratio Lower Upper
117 100
119 5.0 76.0 114.0#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 53.51 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Tgt Ion: 98 Resp: 429421
Ion Ratio Lower Upper
98 100
100 64.2 50.5 75.7

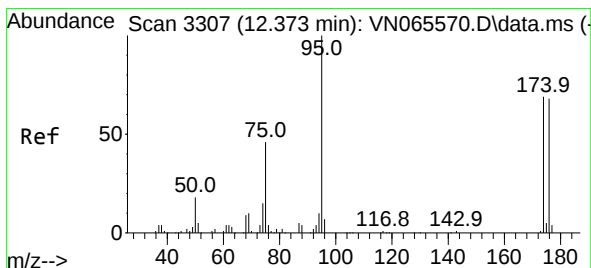
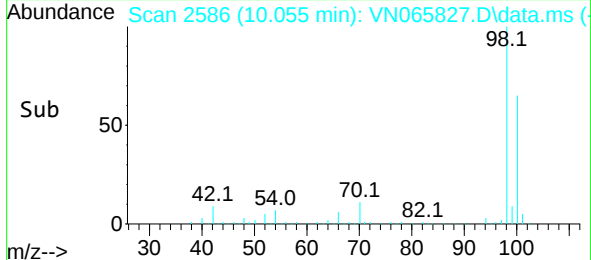
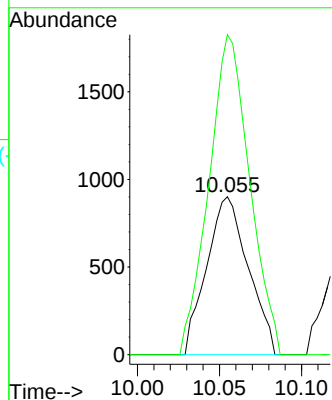
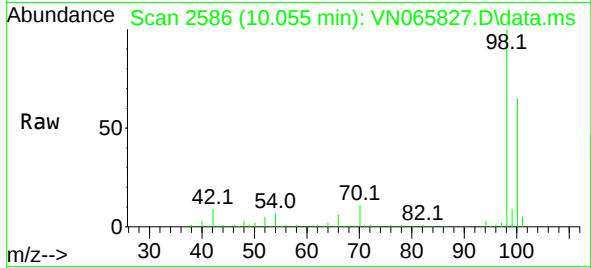




#51
4-Methyl-2-Pentanone
Concen: 0.49 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. 0.103 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

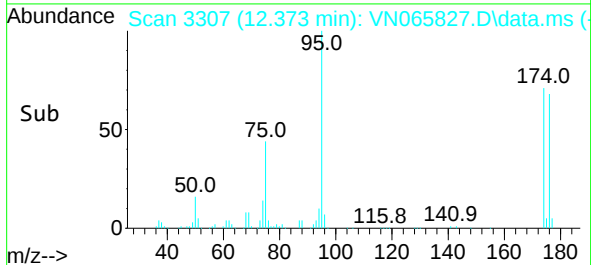
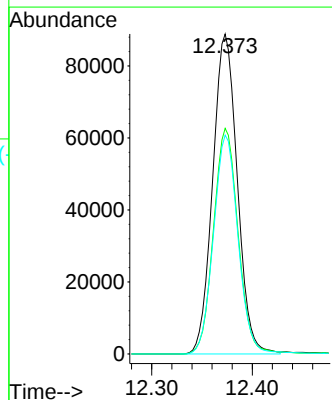
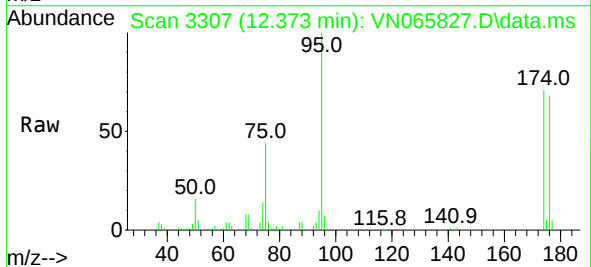
Instrument :
MSVOA_N
ClientSampled :

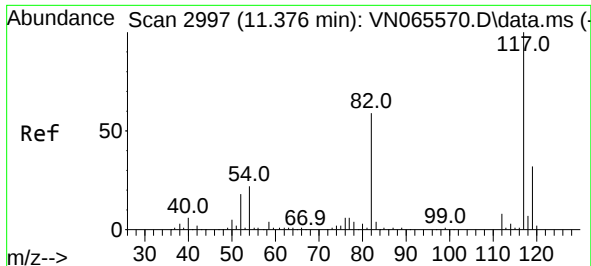
Tgt Ion: 43 Resp: 1587
Ion Ratio Lower Upper
43 100
58 198.7 32.5 48.7#



#62
4-Bromofluorobenzene
Concen: 52.23 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Tgt Ion: 95 Resp: 150930
Ion Ratio Lower Upper
95 100
174 70.7 0.0 169.0
176 68.5 0.0 162.4

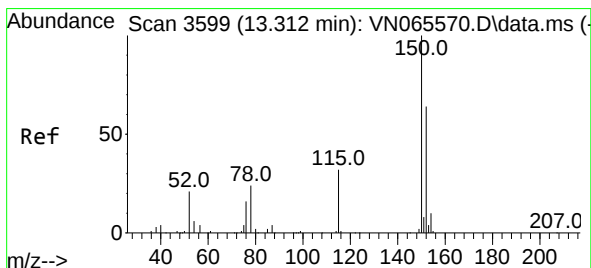
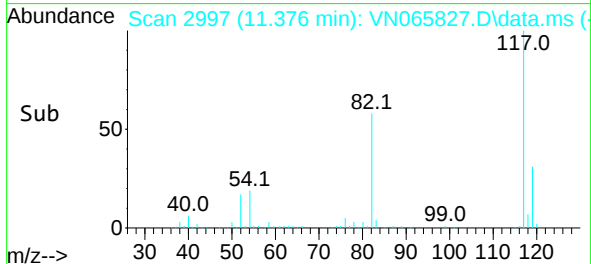
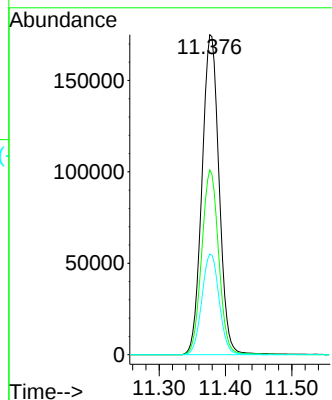
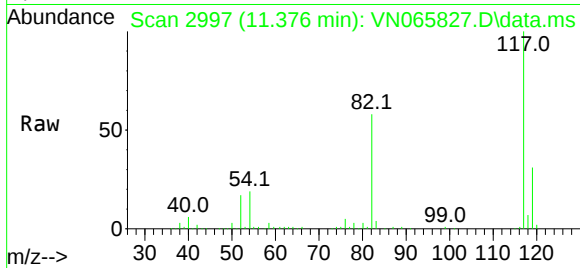




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

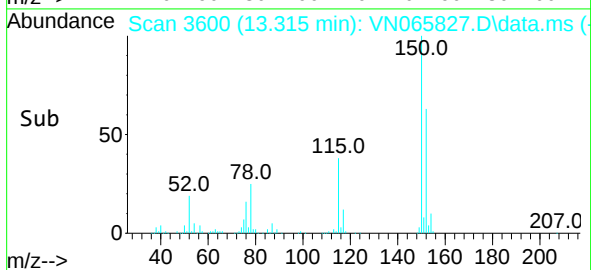
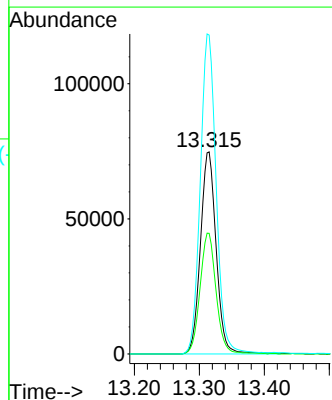
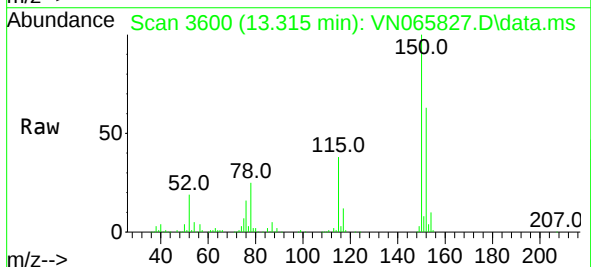
Instrument :
MSVOA_N
ClientSampled :

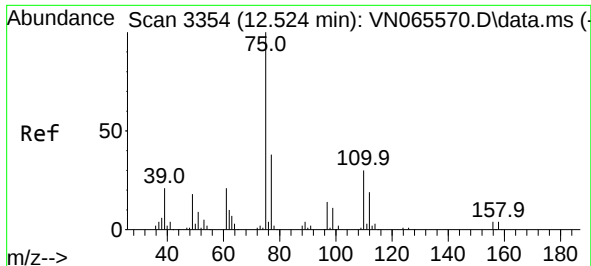
Tgt Ion:117 Resp: 313167
Ion Ratio Lower Upper
117 100
82 57.7 43.7 65.5
119 31.4 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Tgt Ion:152 Resp: 126520
Ion Ratio Lower Upper
152 100
115 60.9 28.5 85.6
150 159.2 0.0 347.6

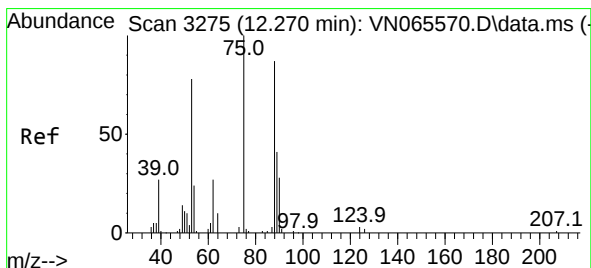
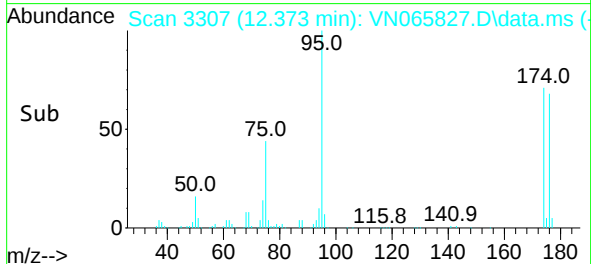
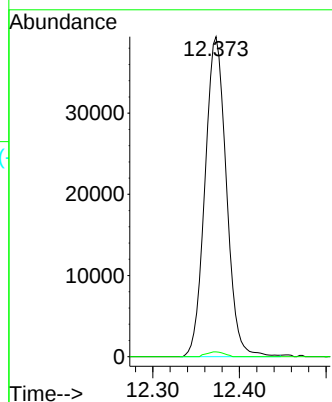
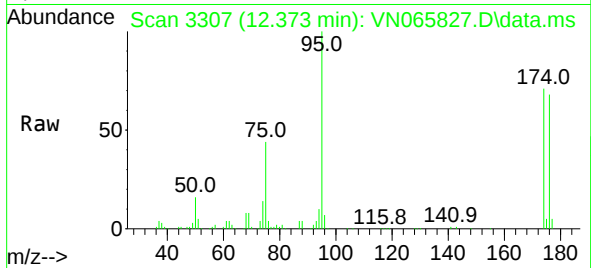




#76
1,2,3-Trichloropropane
Concen: 20.44 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

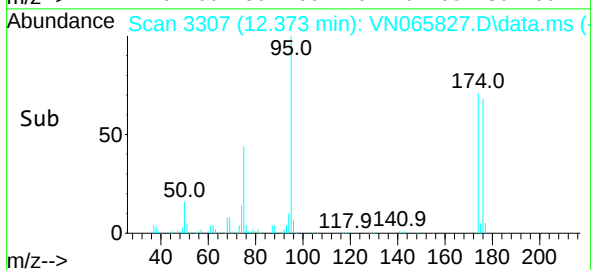
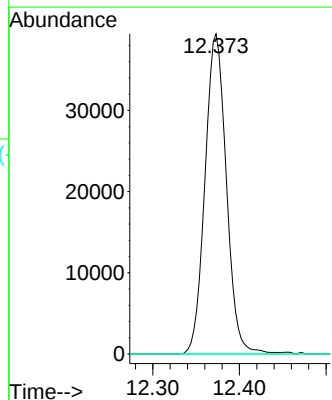
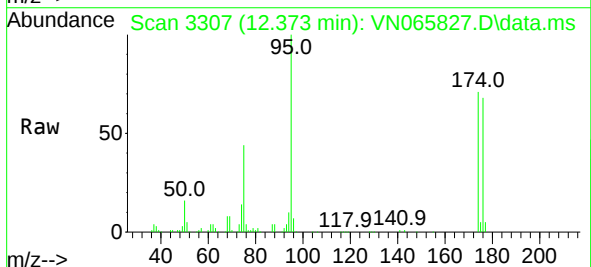
Instrument :
MSVOA_N
ClientSampled :

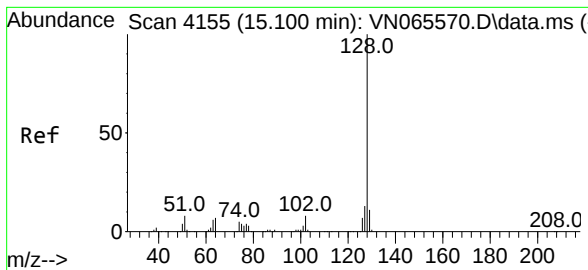
Tgt Ion: 75 Resp: 67611
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 52.34 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

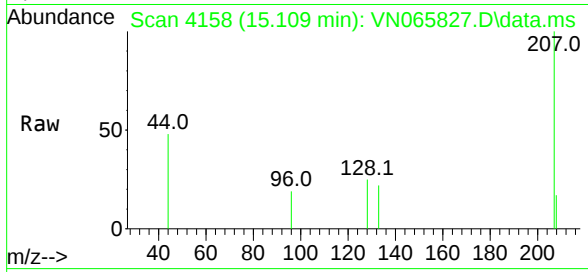
Tgt Ion: 75 Resp: 67611
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#





#95
Naphthalene
Concen: 3.49 ug/l
RT: 15.109 min Scan# 4158
Delta R.T. 0.009 min
Lab File: VN065827.D
Acq: 11 Feb 2021 20:36

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp: 332
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.6 13.0#

