

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012621\
 Data File : VN065613.D
 Acq On : 26 Jan 2021 18:54
 Operator : JC/MD
 Sample : M1218-01ME
 Misc : 1.02g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 27 03:32:10 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)

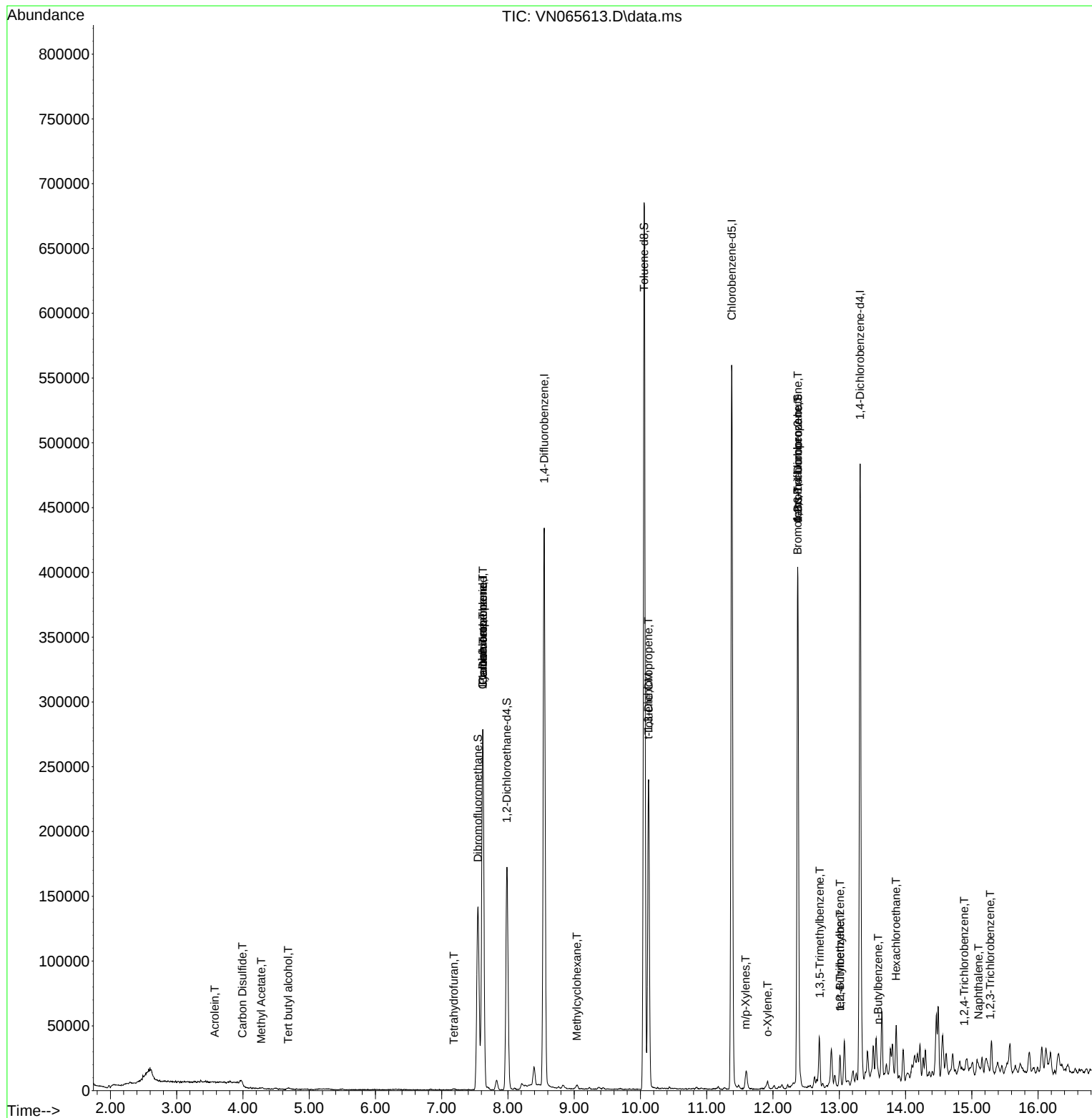
Internal Standards						
1) Pentafluorobenzene	7.621	168	226977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	394766	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	335927	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	129517	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	145774	48.82	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.64%		
35) Dibromofluoromethane	7.547	113	114675	49.02	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.04%		
50) Toluene-d8	10.055	98	486367	52.89	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	105.78%		
62) 4-Bromofluorobenzene	12.373	95	160942	48.60	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.20%		
Target Compounds					Qvalue	
11) Tert butyl alcohol	4.682	59	826	1.48	ug/l #	73
13) Acrolein	3.573	56	292	18.65	ug/l #	15
17) Carbon Disulfide	3.991	76	4279	0.49	ug/l	98
18) Methyl Acetate	4.277	43	661	0.20	ug/l #	78
29) Tetrahydrofuran	7.184	42	785	0.59	ug/l #	32
31) Cyclohexane	7.618	56	5836	1.04	ug/l #	1
36) 1,1-Dichloropropene	7.618	75	18142	4.57	ug/l #	48
38) Carbon Tetrachloride	7.621	117	21751	6.65	ug/l #	16
39) Methylcyclohexane	9.039	83	1347	0.28	ug/l #	79
52) Toluene	10.122	92	106386	14.80	ug/l	98
53) t-1,3-Dichloropropene	10.119	75	1020	0.22	ug/l #	1
68) m/p-Xylenes	11.589	106	3655	0.76	ug/l	98
69) o-Xylene	11.920	106	1598	0.35	ug/l	100
71) Bromoform	12.370	173	692	0.40	ug/l #	1
76) 1,2,3-Trichloropropane	12.373	75	75416	22.27	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.704	105	4448	0.46	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	75416	57.04	ug/l #	12
83) tert-Butylbenzene	13.010	119	1741	0.22	ug/l #	65
84) 1,2,4-Trimethylbenzene	13.010	105	13917	1.45	ug/l	98
89) n-Butylbenzene	13.585	91	4060	0.47	ug/l #	69
90) Hexachloroethane	13.859	117	2211	1.32	ug/l #	12
93) 1,2,4-Trichlorobenzene	14.884	180	428	3.52	ug/l #	1
95) Naphthalene	15.100	128	4409	3.94	ug/l	98
96) 1,2,3-Trichlorobenzene	15.280	180	128	2.89	ug/l #	1

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

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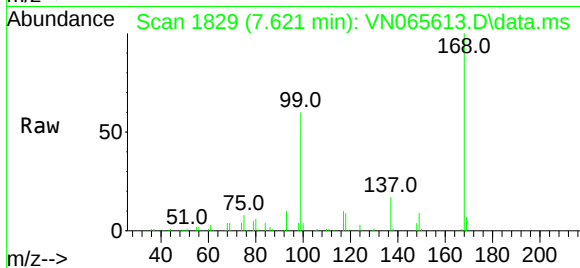
Quant Time: Jan 27 03:32:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N012521W.M
Quant Title : SW846 8260
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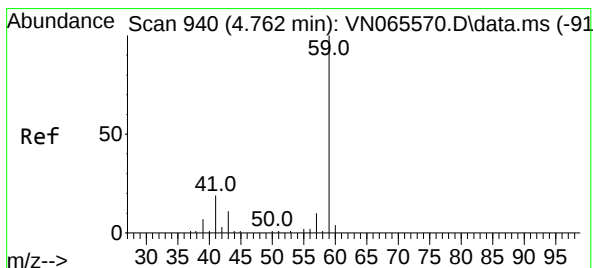
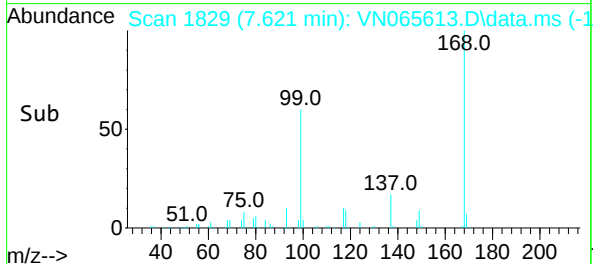
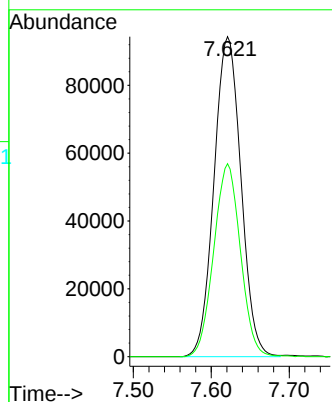


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Instrument :
MSVOA_N
ClientSampleId :

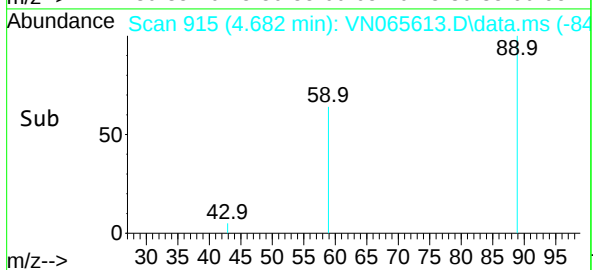
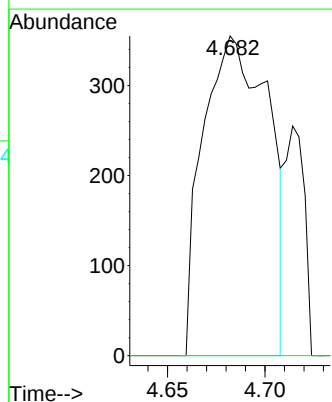
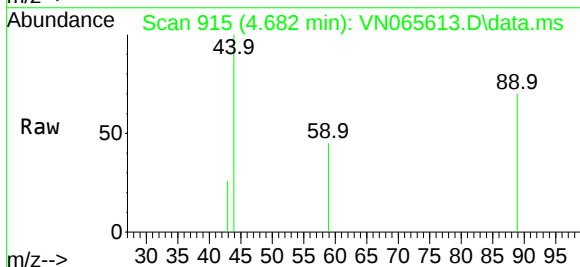


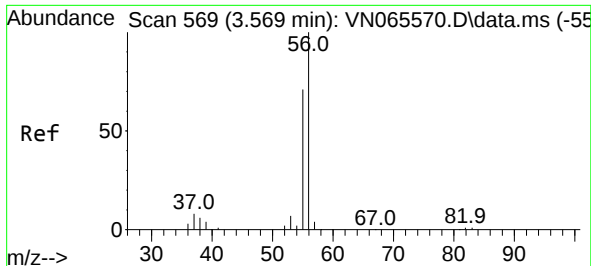
Tgt Ion:168 Resp: 226977
Ion Ratio Lower Upper
168 100
99 60.3 42.6 63.8



#11
Tert butyl alcohol
Concen: 1.48 ug/l
RT: 4.682 min Scan# 915
Delta R.T. -0.080 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 59 Resp: 826
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#

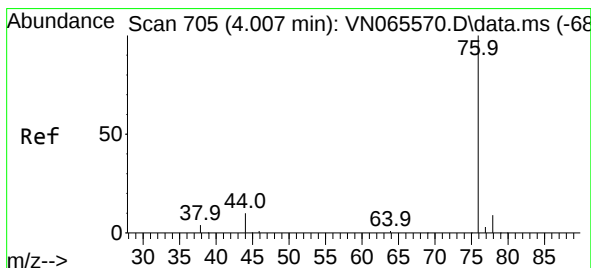
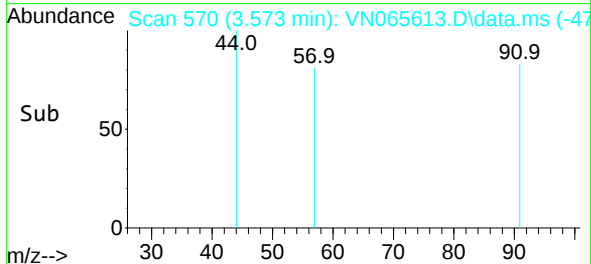
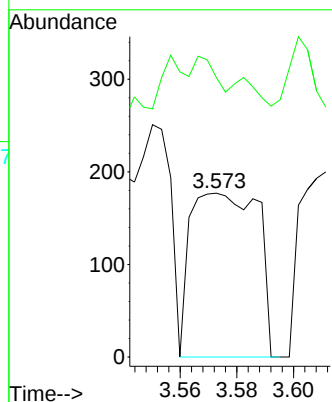
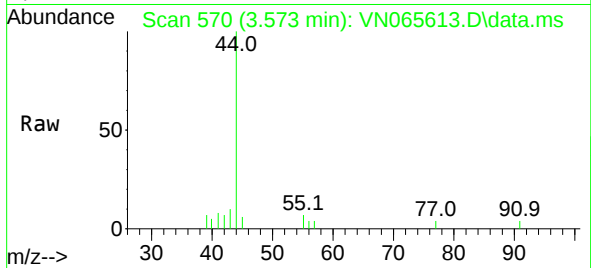




#13
Acrolein
Concen: 18.65 ug/l
RT: 3.573 min Scan# 570
Delta R.T. 0.004 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

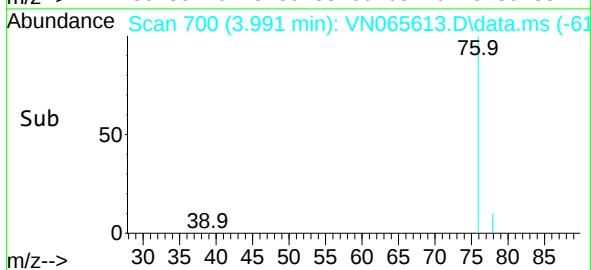
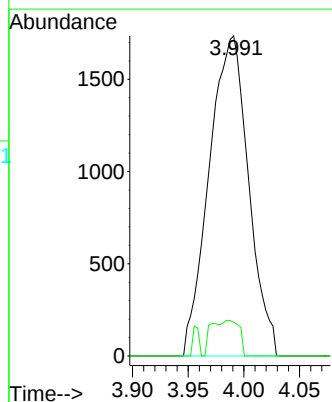
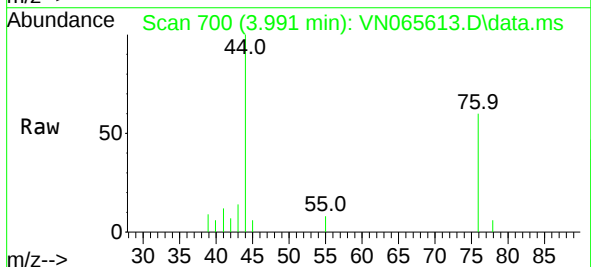
Instrument :
MSVOA_N
ClientSampled :

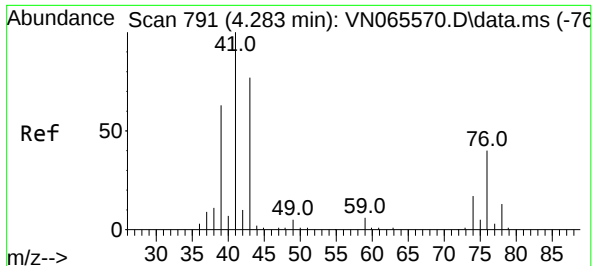
Tgt Ion: 56 Resp: 292
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#17
Carbon Disulfide
Concen: 0.49 ug/l
RT: 3.991 min Scan# 700
Delta R.T. -0.016 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 76 Resp: 4279
Ion Ratio Lower Upper
76 100
78 10.5 7.8 11.6





#18

Methyl Acetate

Concen: 0.20 ug/l

RT: 4.277 min Scan# 789

Delta R.T. -0.006 min

Lab File: VN065613.D

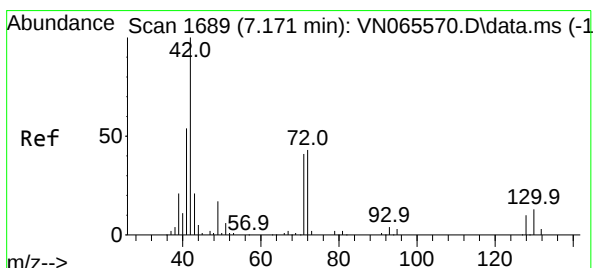
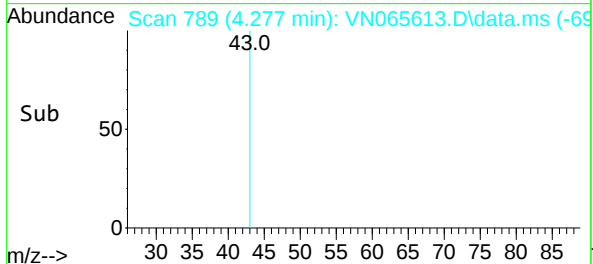
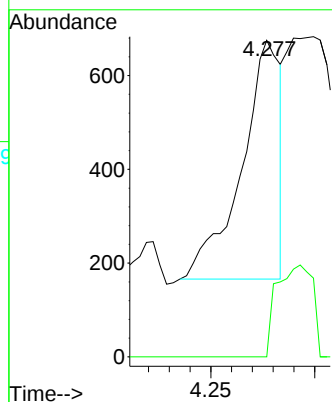
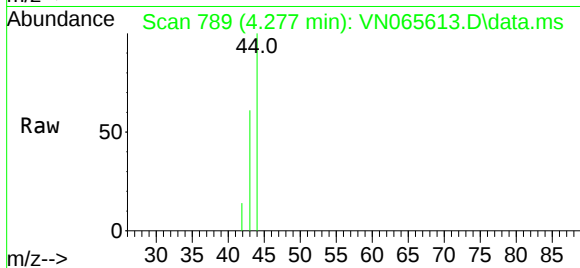
Acq: 26 Jan 2021 18:54

Tgt Ion: 43 Resp: 661

Ion Ratio Lower Upper

43 100

74 35.4 19.5 29.3#



#29

Tetrahydrofuran

Concen: 0.59 ug/l

RT: 7.184 min Scan# 1693

Delta R.T. 0.013 min

Lab File: VN065613.D

Acq: 26 Jan 2021 18:54

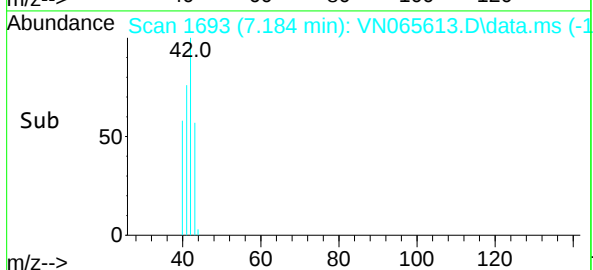
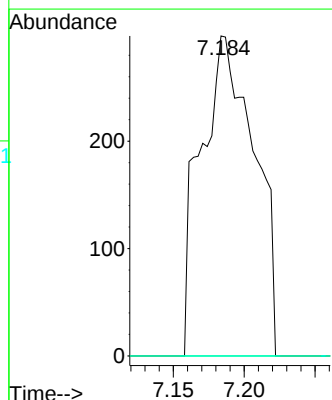
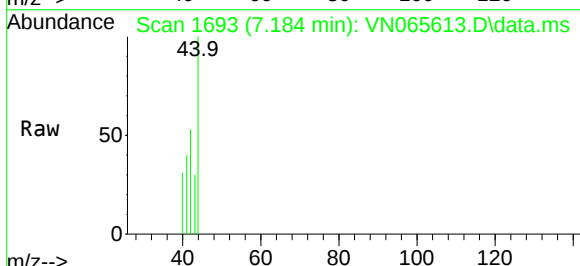
Tgt Ion: 42 Resp: 785

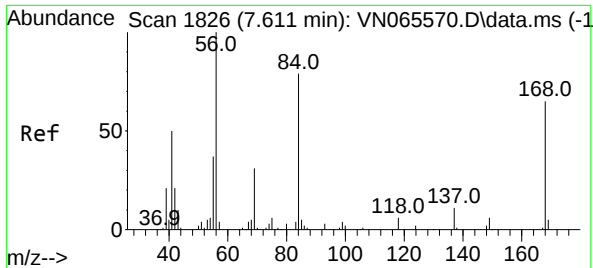
Ion Ratio Lower Upper

42 100

72 0.0 36.6 55.0#

71 0.0 34.3 51.5#

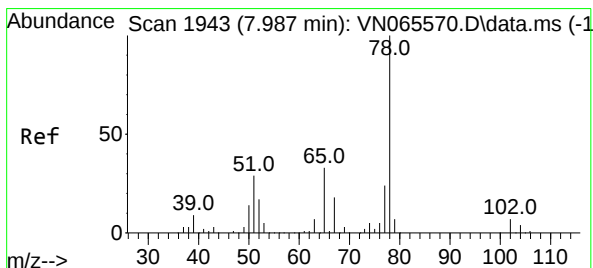
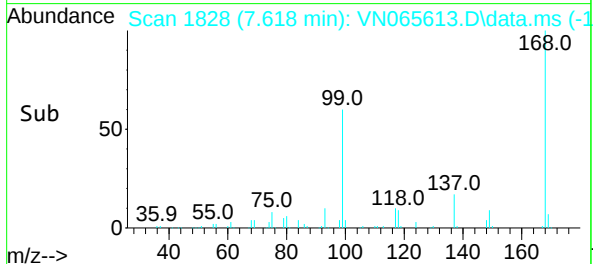
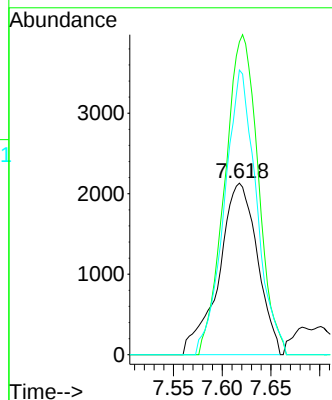
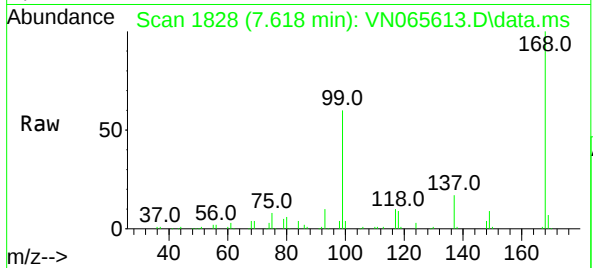




#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. 0.007 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

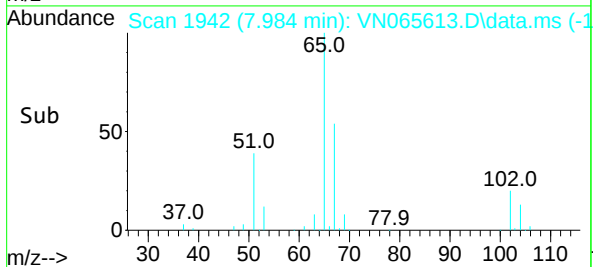
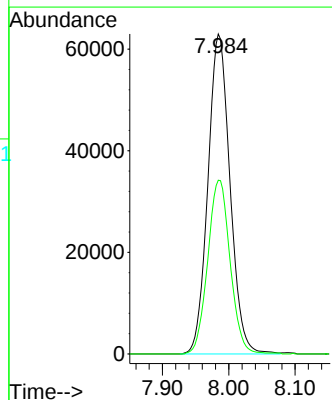
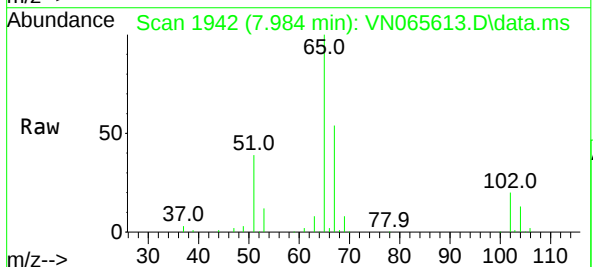
Instrument :
MSVOA_N
ClientSampleId :

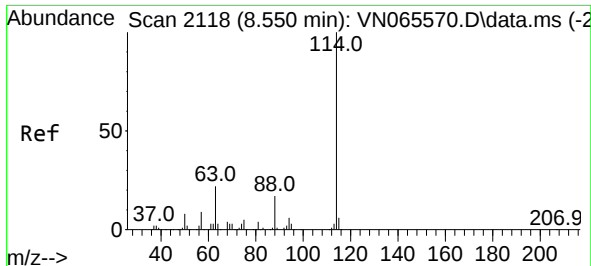
Tgt Ion: 56 Resp: 5836
Ion Ratio Lower Upper
56 100
69 182.3 26.6 39.8#
84 165.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 48.82 ug/l
RT: 7.984 min Scan# 1942
Delta R.T. -0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 65 Resp: 145774
Ion Ratio Lower Upper
65 100
67 55.0 0.0 107.2

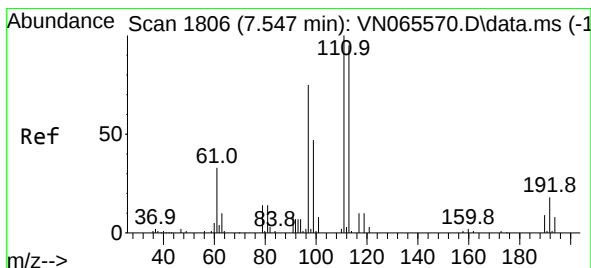
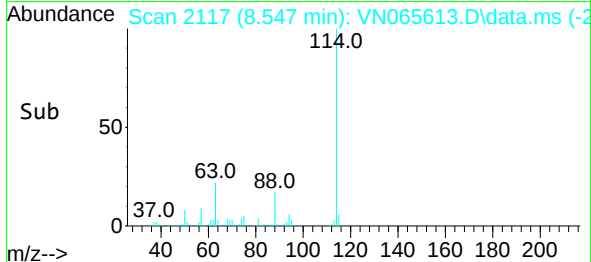
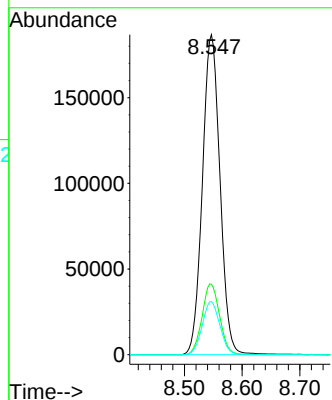
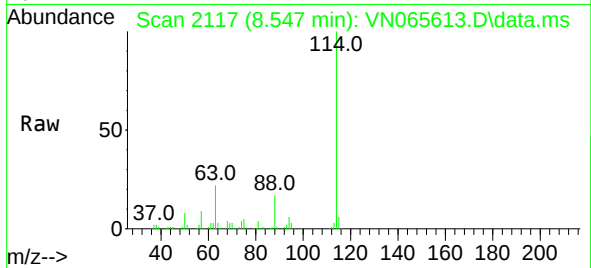




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.547 min Scan# 2117
Delta R.T. -0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

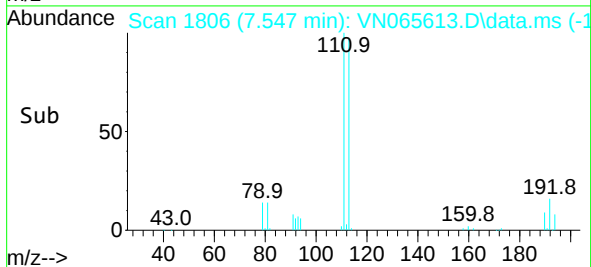
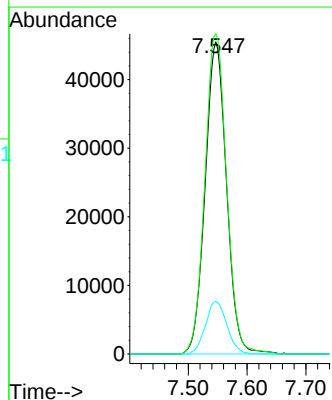
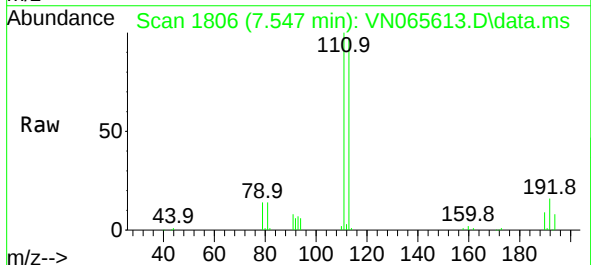
Instrument :
MSVOA_N
ClientSampleId :

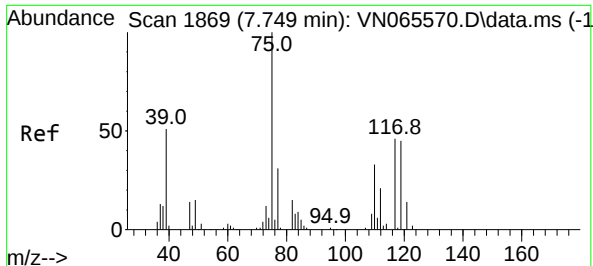
Tgt Ion:114 Resp: 394766
Ion Ratio Lower Upper
114 100
63 22.0 0.0 38.6
88 16.6 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.02 ug/l
RT: 7.547 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion:113 Resp: 114675
Ion Ratio Lower Upper
113 100
111 104.7 82.2 123.2
192 16.9 15.4 23.0

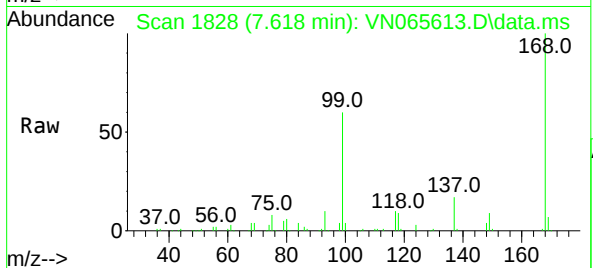




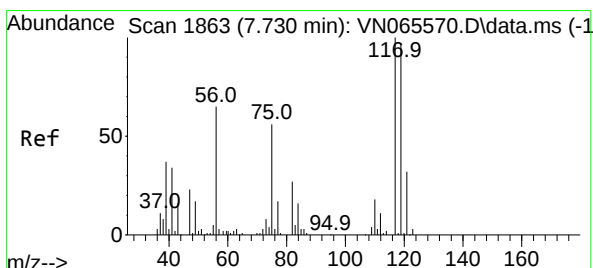
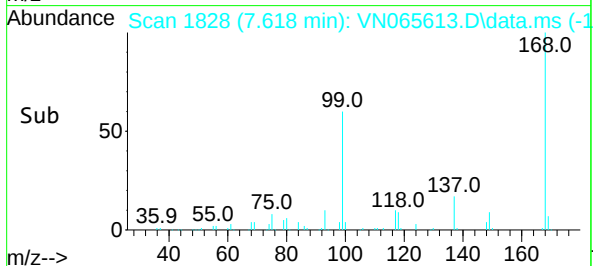
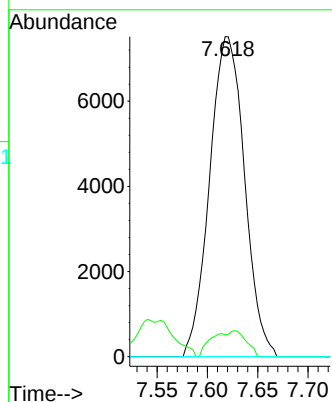
#36

1,1-Dichloropropene
Concen: 4.57 ug/l
RT: 7.618 min Scan# 1828
Delta R.T. -0.131 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Instrument :
MSVOA_N
ClientSampleId :

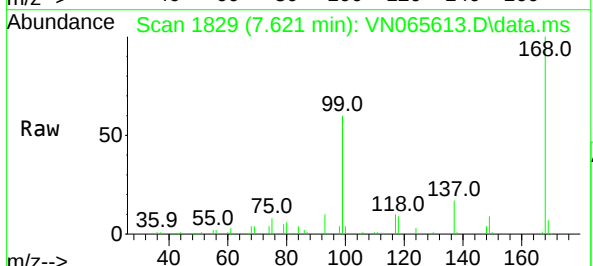


Tgt Ion: 75 Resp: 18142
Ion Ratio Lower Upper
75 100
110 7.9 18.2 54.6#
77 0.0 24.9 37.3#

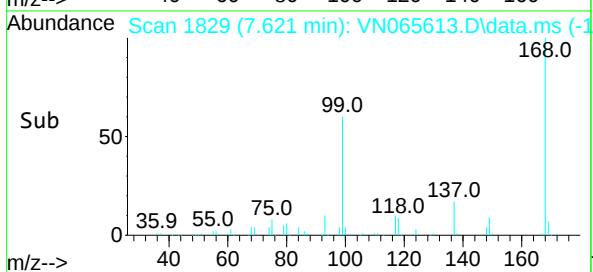
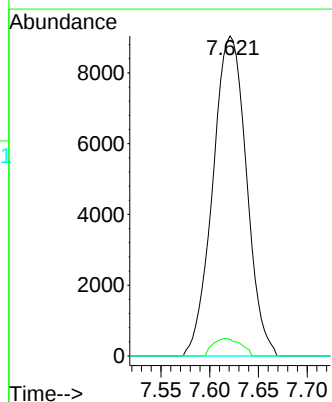


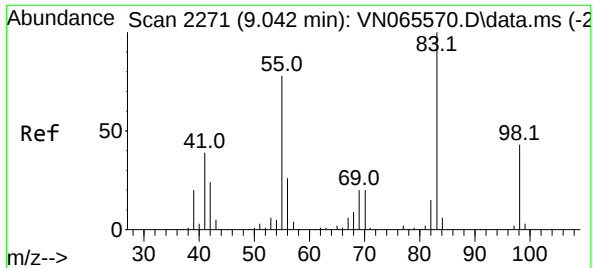
#38

Carbon Tetrachloride
Concen: 6.65 ug/l
RT: 7.621 min Scan# 1829
Delta R.T. -0.109 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54



Tgt Ion: 117 Resp: 21751
Ion Ratio Lower Upper
117 100
119 5.1 76.0 114.0#
121 0.0 24.5 36.7#

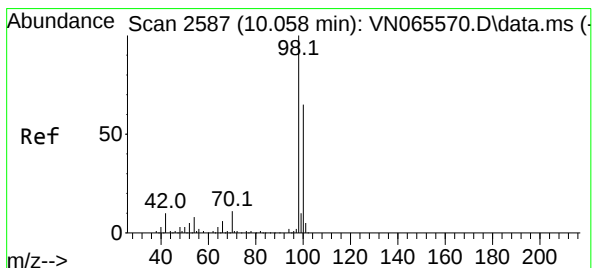
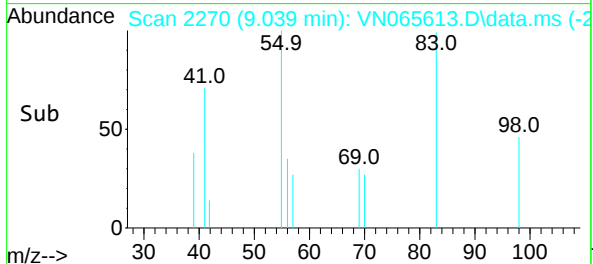
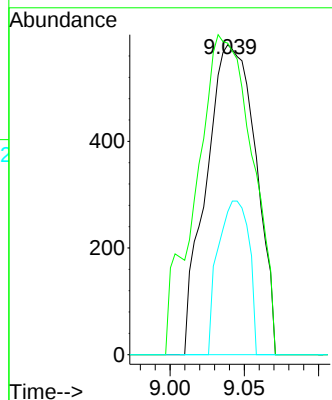
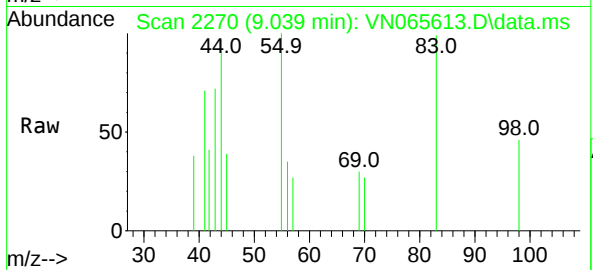




#39
Methylcyclohexane
Concen: 0.28 ug/l
RT: 9.039 min Scan# 2270
Delta R.T. -0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

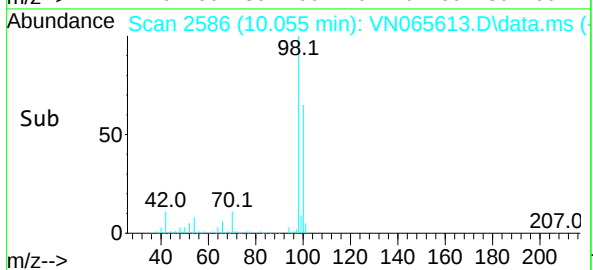
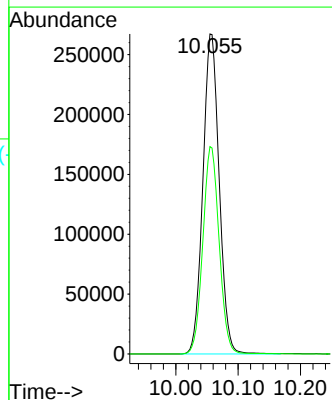
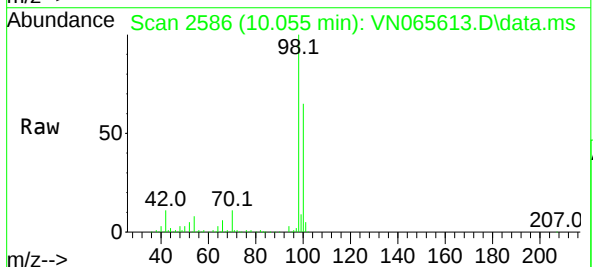
Instrument :
MSVOA_N
ClientSampleId :

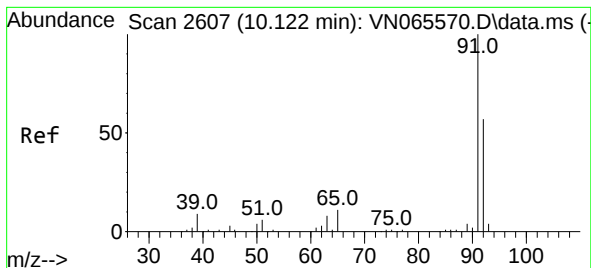
Tgt Ion: 83 Resp: 1347
Ion Ratio Lower Upper
83 100
55 100.5 58.9 88.3#
98 46.1 35.9 53.9



#50
Toluene-d8
Concen: 52.89 ug/l
RT: 10.055 min Scan# 2586
Delta R.T. -0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 98 Resp: 486367
Ion Ratio Lower Upper
98 100
100 64.7 50.5 75.7





#52

Toluene

Concen: 14.80 ug/l

RT: 10.122 min Scan# 2607

Delta R.T. 0.000 min

Lab File: VN065613.D

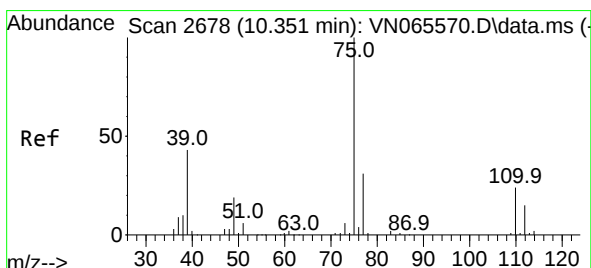
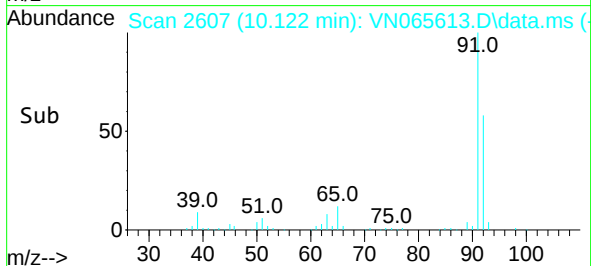
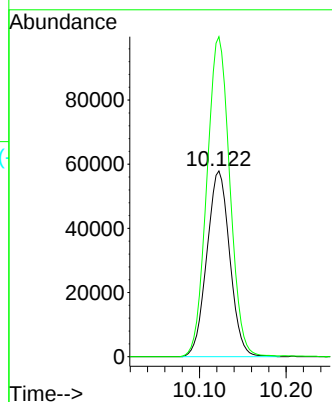
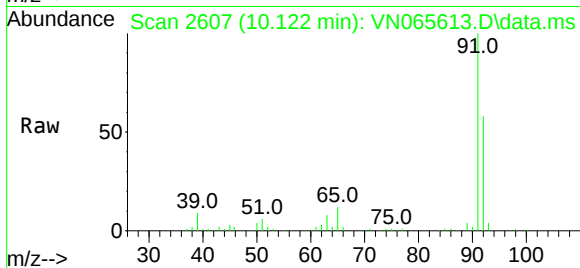
Acq: 26 Jan 2021 18:54

Tgt Ion: 92 Resp: 106386

Ion Ratio Lower Upper

92 100

91 172.7 140.7 211.1



#53

t-1,3-Dichloropropene

Concen: 0.22 ug/l

RT: 10.119 min Scan# 2606

Delta R.T. -0.232 min

Lab File: VN065613.D

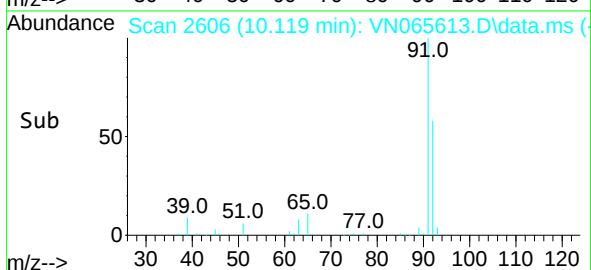
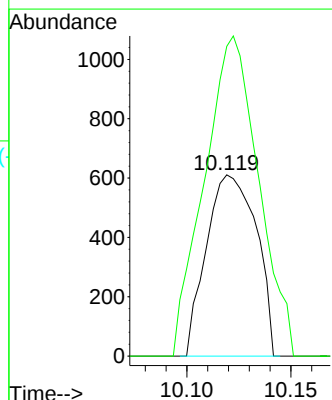
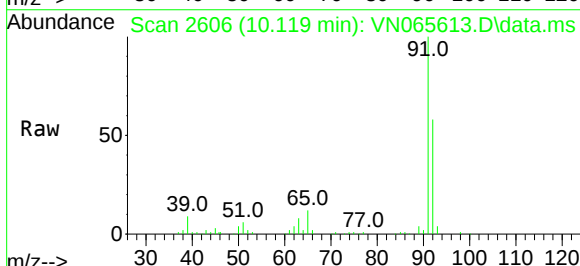
Acq: 26 Jan 2021 18:54

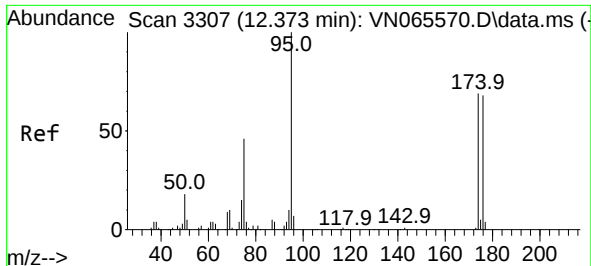
Tgt Ion: 75 Resp: 1020

Ion Ratio Lower Upper

75 100

77 139.8 26.2 39.4#

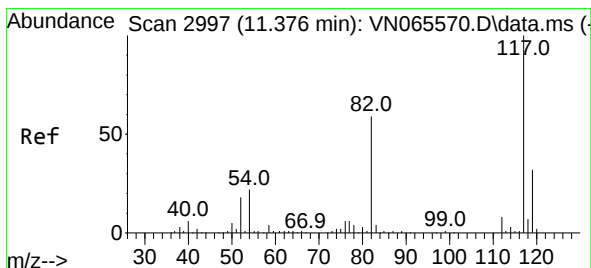
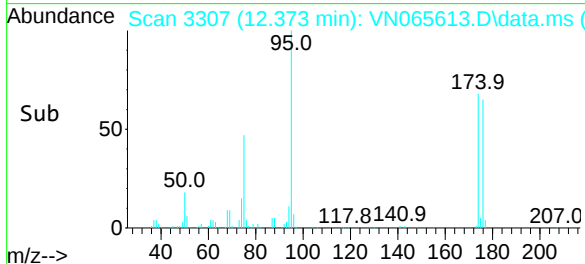
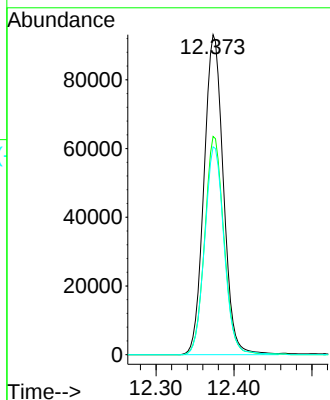
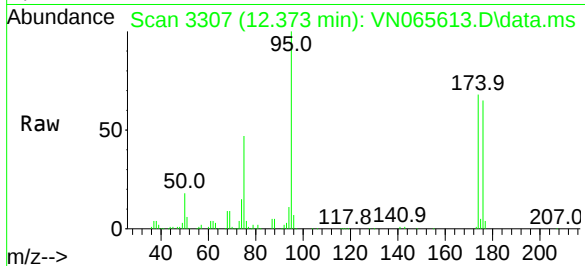




#62
4-Bromofluorobenzene
Concen: 48.60 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

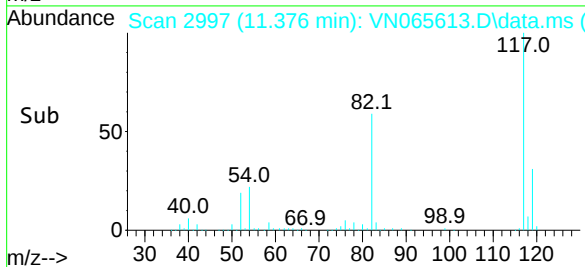
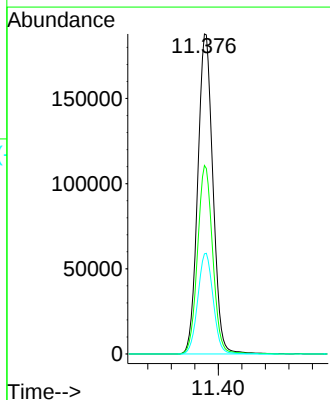
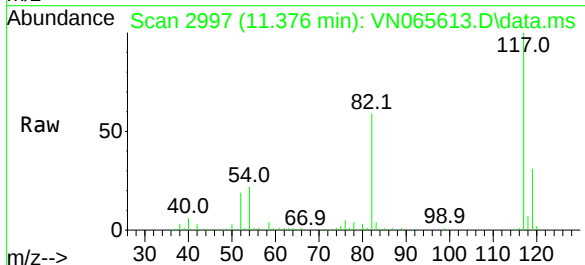
Instrument :
MSVOA_N
ClientSampleId :

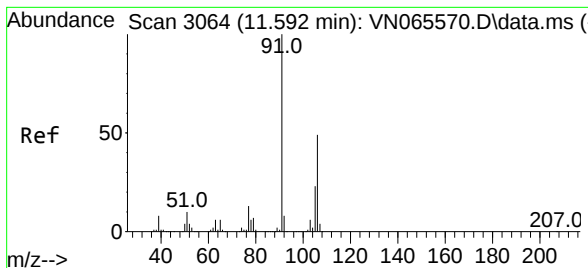
Tgt Ion: 95 Resp: 160942
Ion Ratio Lower Upper
95 100
174 67.7 0.0 169.0
176 65.2 0.0 162.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.376 min Scan# 2997
Delta R.T. 0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 117 Resp: 335927
Ion Ratio Lower Upper
117 100
82 58.9 43.7 65.5
119 31.3 26.1 39.1

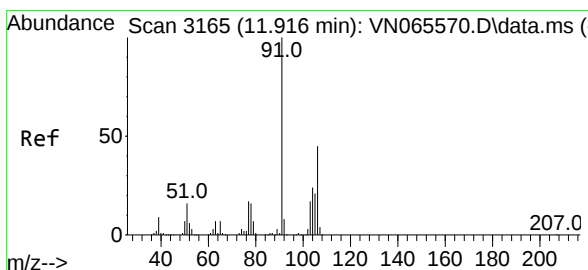
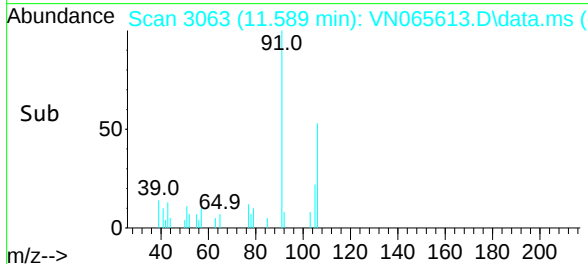
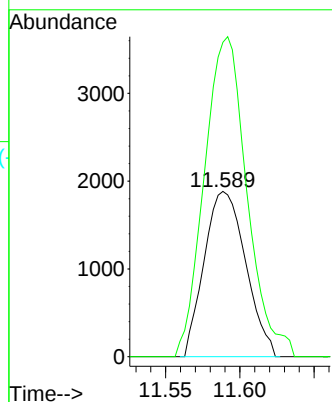
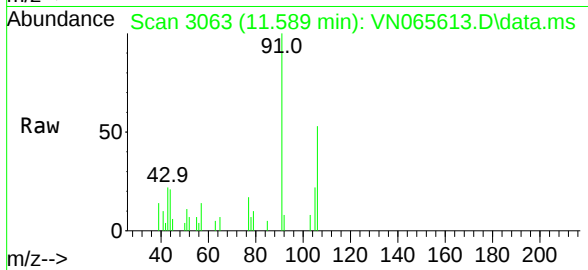




#68
m/p-Xylenes
Concen: 0.76 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

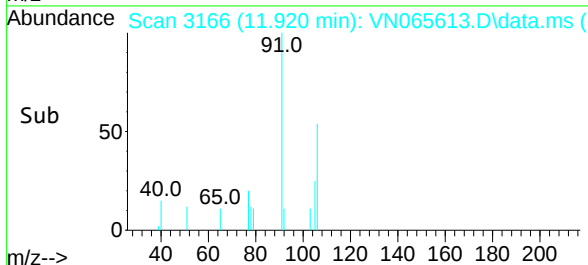
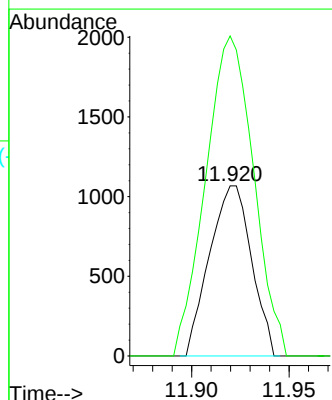
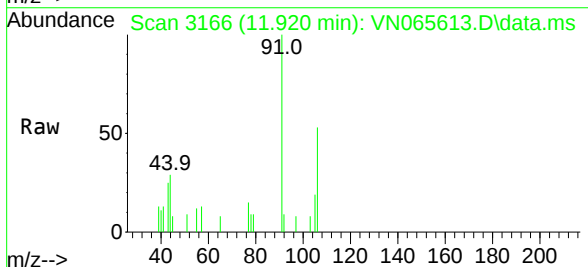
Instrument :
MSVOA_N
ClientSampleId :

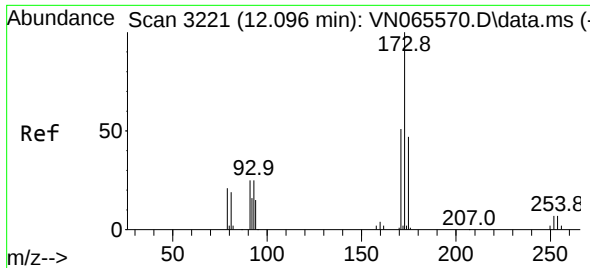
Tgt Ion:106 Resp: 3655
Ion Ratio Lower Upper
106 100
91 198.7 161.4 242.0



#69
o-Xylene
Concen: 0.35 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. 0.004 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion:106 Resp: 1598
Ion Ratio Lower Upper
106 100
91 214.3 106.8 320.4

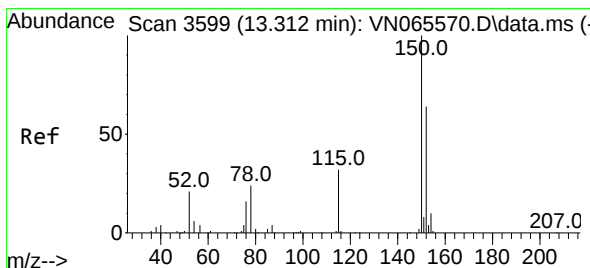
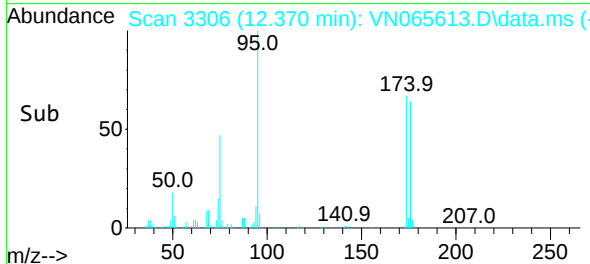
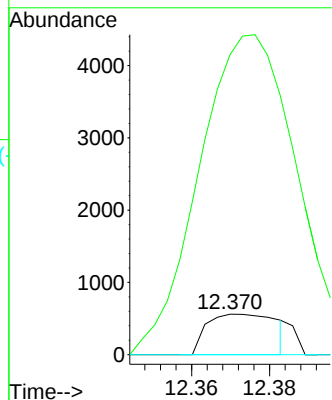
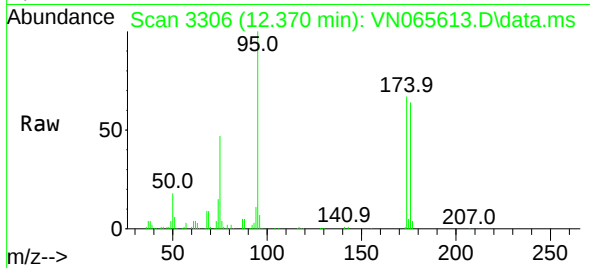




#71
Bromoform
Concen: 0.40 ug/l
RT: 12.370 min Scan# 3306
Delta R.T. 0.274 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

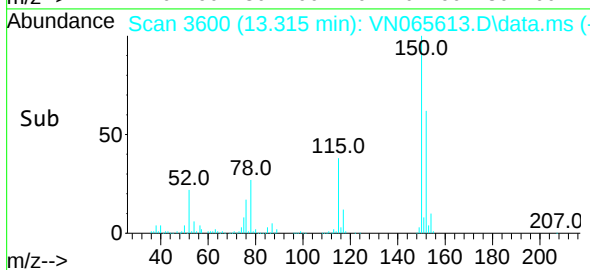
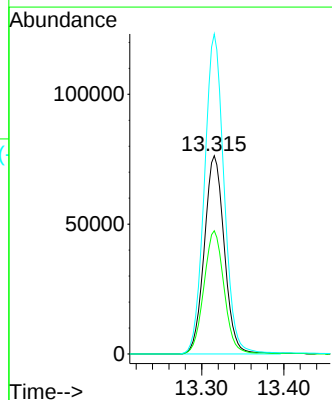
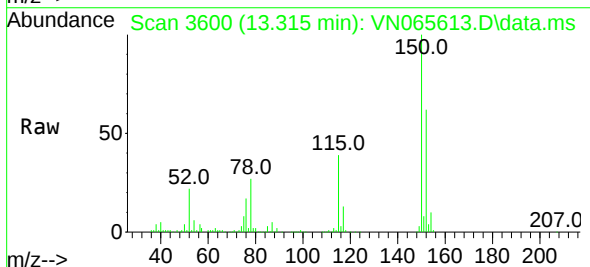
Instrument :
MSVOA_N
ClientSampleId :

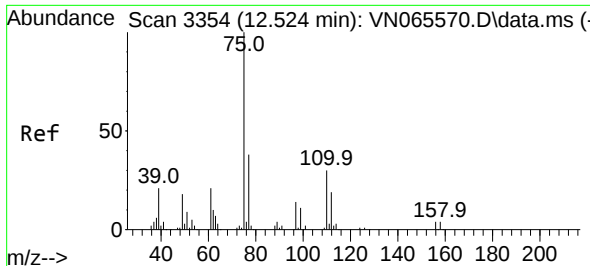
Tgt Ion:173 Resp: 692
Ion Ratio Lower Upper
173 100
175 897.1 23.8 71.2#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. 0.003 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion:152 Resp: 129517
Ion Ratio Lower Upper
152 100
115 62.4 28.5 85.6
150 158.2 0.0 347.6

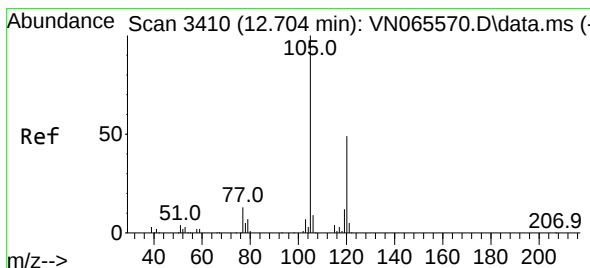
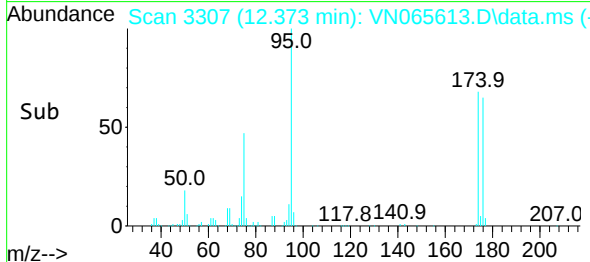
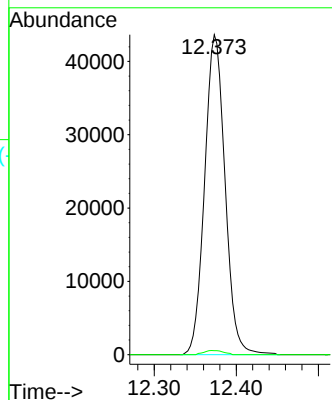
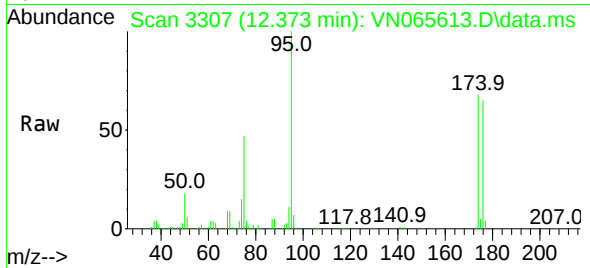




#76
1,2,3-Trichloropropane
Concen: 22.27 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. -0.151 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

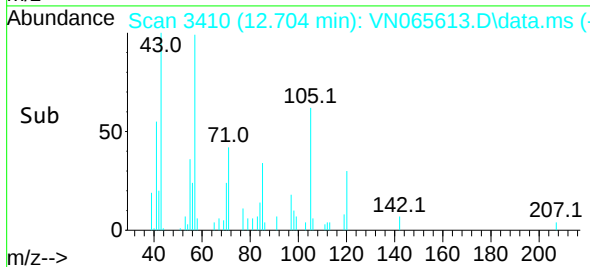
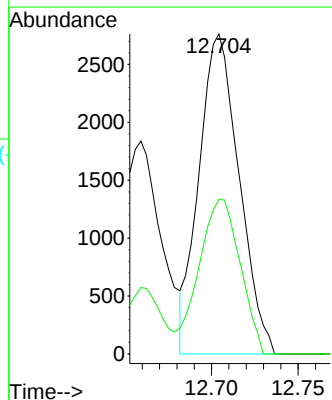
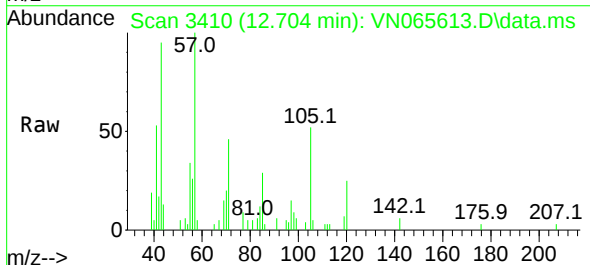
Instrument :
MSVOA_N
ClientSampled :

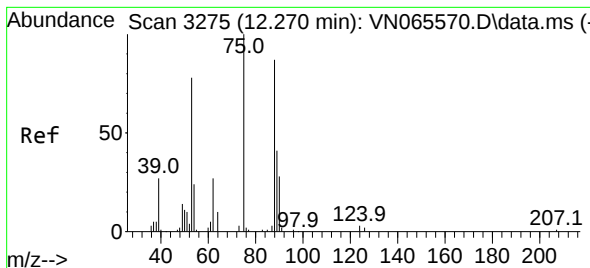
Tgt Ion: 75 Resp: 75416
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 0.46 ug/l
RT: 12.704 min Scan# 3410
Delta R.T. 0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 105 Resp: 4448
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8

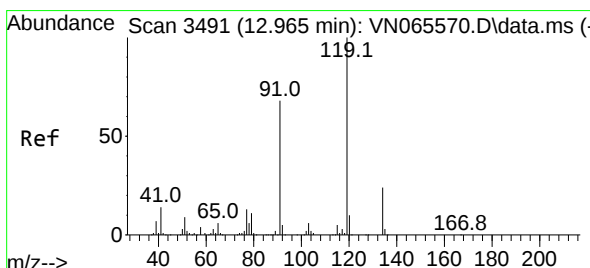
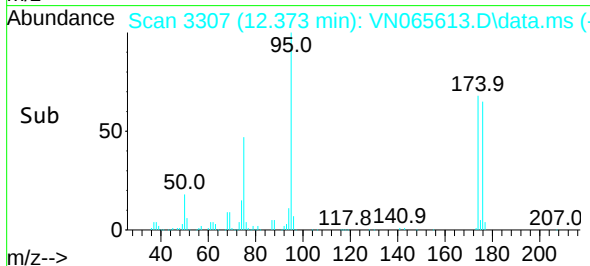
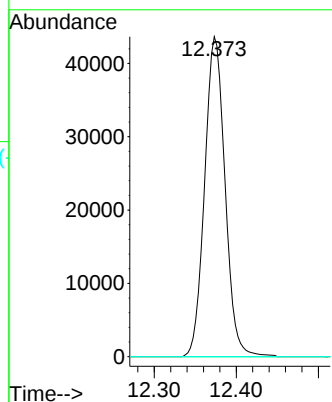
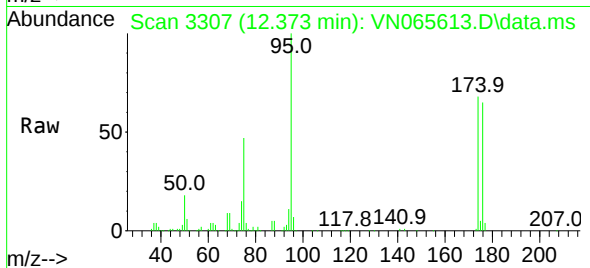




#81
trans-1,4-Dichloro-2-butene
Concen: 57.04 ug/l
RT: 12.373 min Scan# 3307
Delta R.T. 0.103 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

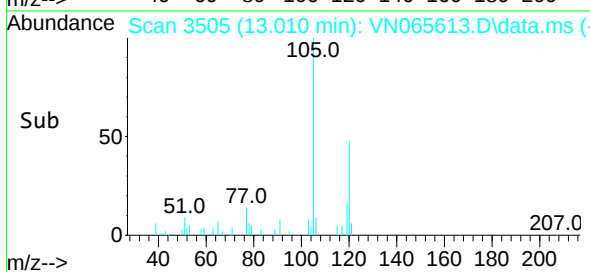
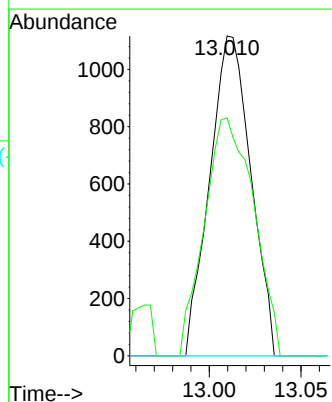
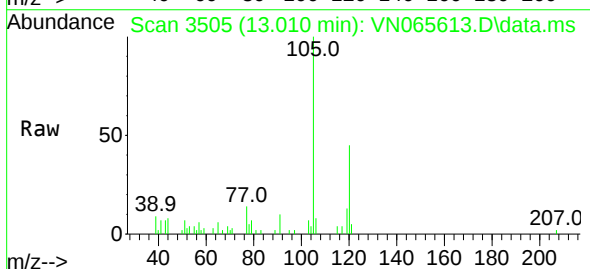
Instrument :
MSVOA_N
ClientSampleId :

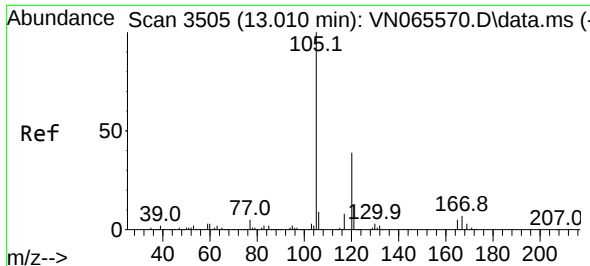
Tgt Ion: 75 Resp: 75416
Ion Ratio Lower Upper
75 100
53 0.0 74.6 111.8#
89 0.0 35.8 53.8#



#83
tert-Butylbenzene
Concen: 0.22 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. 0.045 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 119 Resp: 1741
Ion Ratio Lower Upper
119 100
91 89.1 33.0 98.9
134 0.0 12.7 38.1#

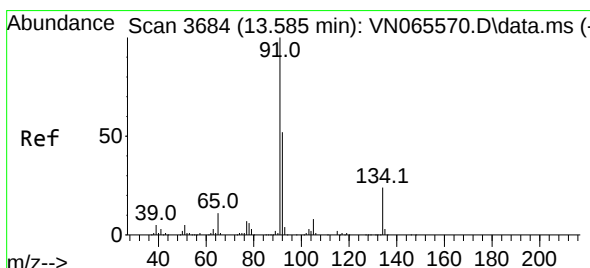
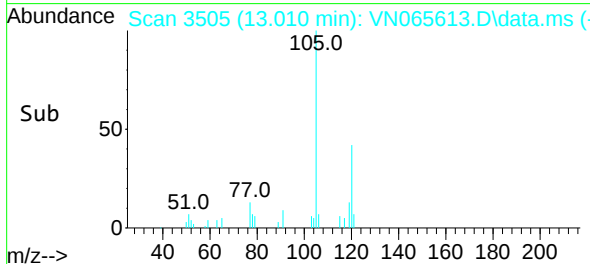
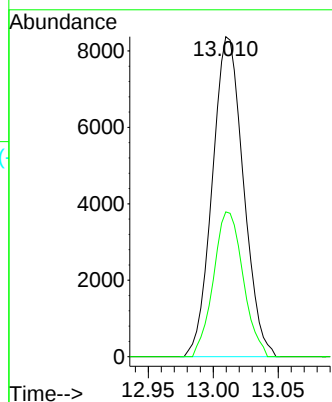
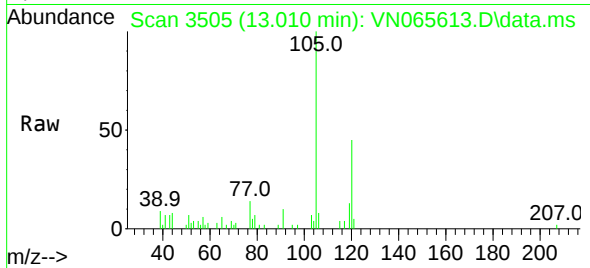




#84
1,2,4-Trimethylbenzene
Concen: 1.45 ug/l
RT: 13.010 min Scan# 3505
Delta R.T. -0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

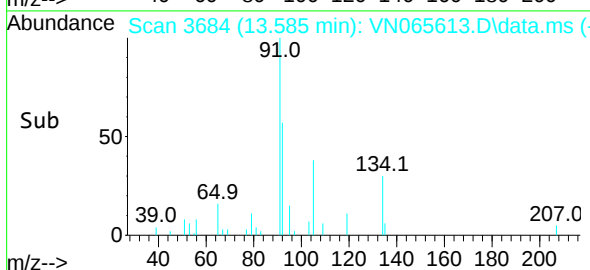
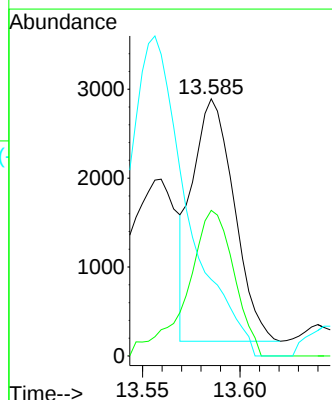
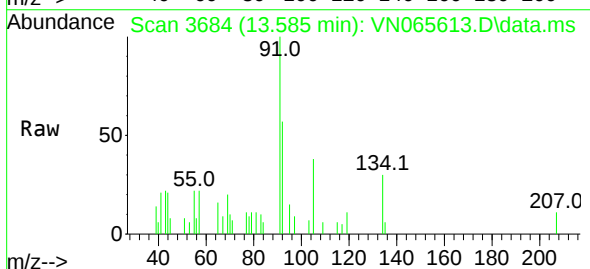
Instrument :
MSVOA_N
ClientSampleId :

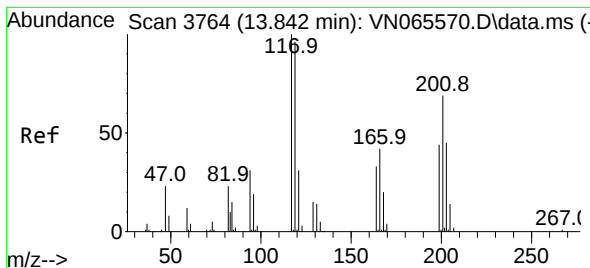
Tgt Ion:105 Resp: 13917
Ion Ratio Lower Upper
105 100
120 43.2 22.4 67.0



#89
n-Butylbenzene
Concen: 0.47 ug/l
RT: 13.585 min Scan# 3684
Delta R.T. 0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion: 91 Resp: 4060
Ion Ratio Lower Upper
91 100
92 67.5 26.1 78.3
134 0.0 13.0 38.9#

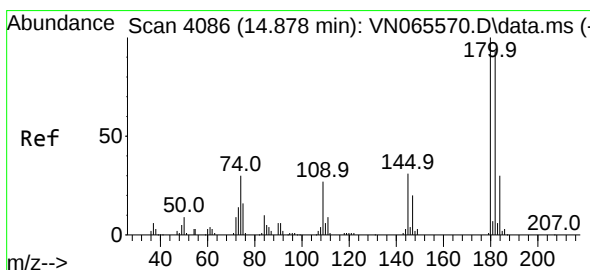
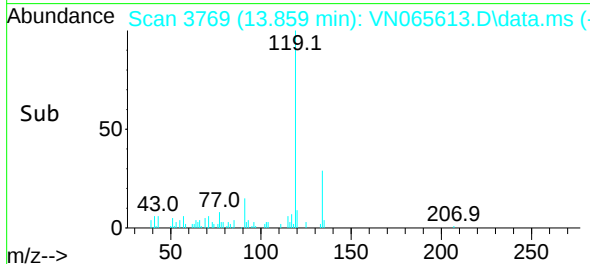
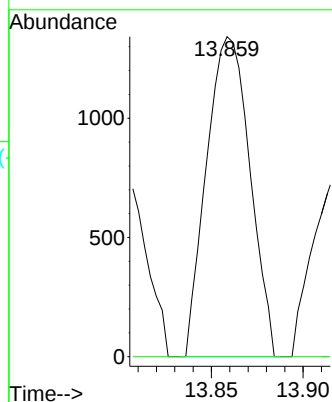
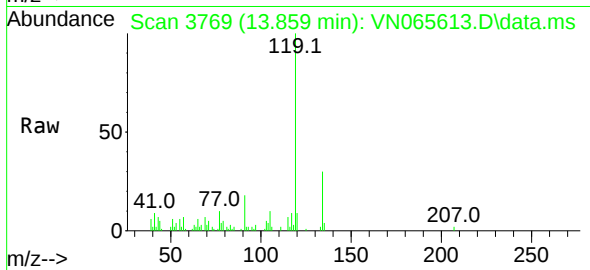




#90
Hexachloroethane
Concen: 1.32 ug/l
RT: 13.859 min Scan# 3769
Delta R.T. 0.017 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

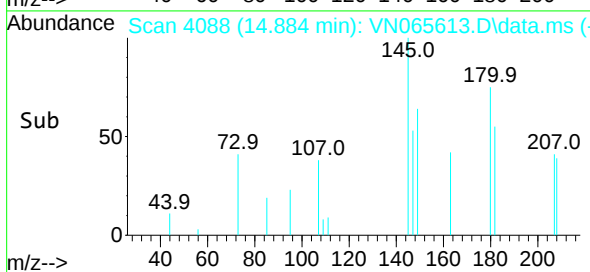
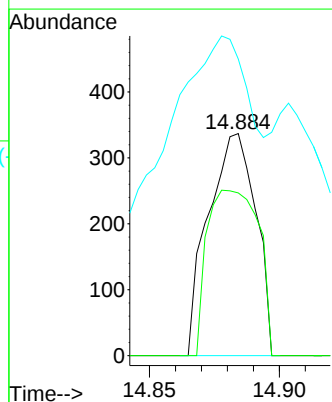
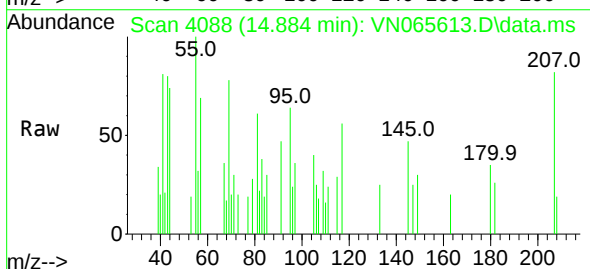
Instrument :
MSVOA_N
ClientSampleId :

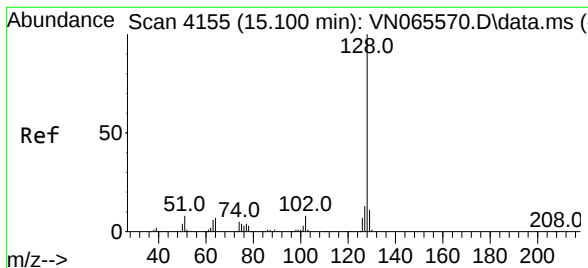
Tgt Ion:117 Resp: 2211
Ion Ratio Lower Upper
117 100
201 0.0 37.8 113.3#



#93
1,2,4-Trichlorobenzene
Concen: 3.52 ug/l
RT: 14.884 min Scan# 4088
Delta R.T. 0.006 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion:180 Resp: 428
Ion Ratio Lower Upper
180 100
182 80.6 47.3 142.0
145 292.5 15.6 46.8#

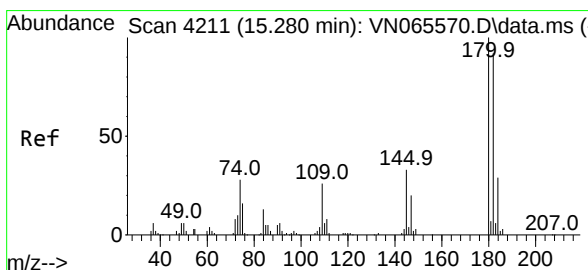
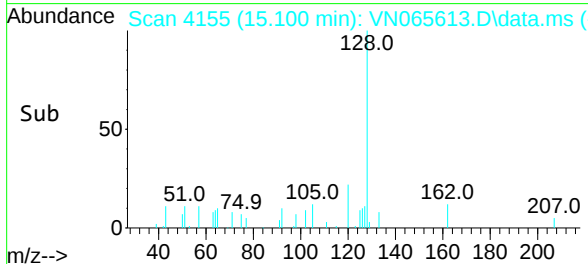
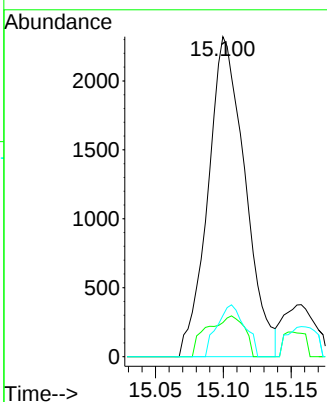
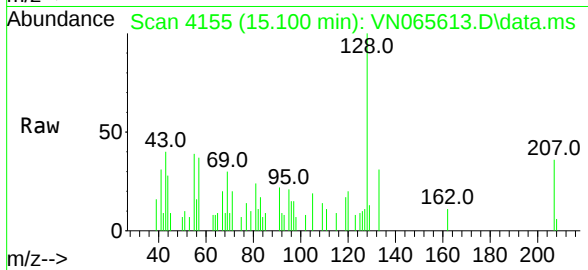




#95
Naphthalene
Concen: 3.94 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. -0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Instrument :
MSVOA_N
ClientSampled :

Tgt Ion:128 Resp: 4409
Ion Ratio Lower Upper
128 100
127 12.7 10.2 15.2
129 12.1 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 2.89 ug/l
RT: 15.280 min Scan# 4211
Delta R.T. -0.000 min
Lab File: VN065613.D
Acq: 26 Jan 2021 18:54

Tgt Ion:180 Resp: 128
Ion Ratio Lower Upper
180 100
182 138.3 47.4 142.3
145 1345.3 16.5 49.5#

