

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065212.D
 Acq On : 22 Dec 2020 21:49
 Operator : JC/MD
 Sample : L5159-14 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-7

Quant Time: Dec 23 03:44:51 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122220w.M
 Quant Title : Sw846 8260
 QLast Update : Tue Dec 22 15:42:18 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

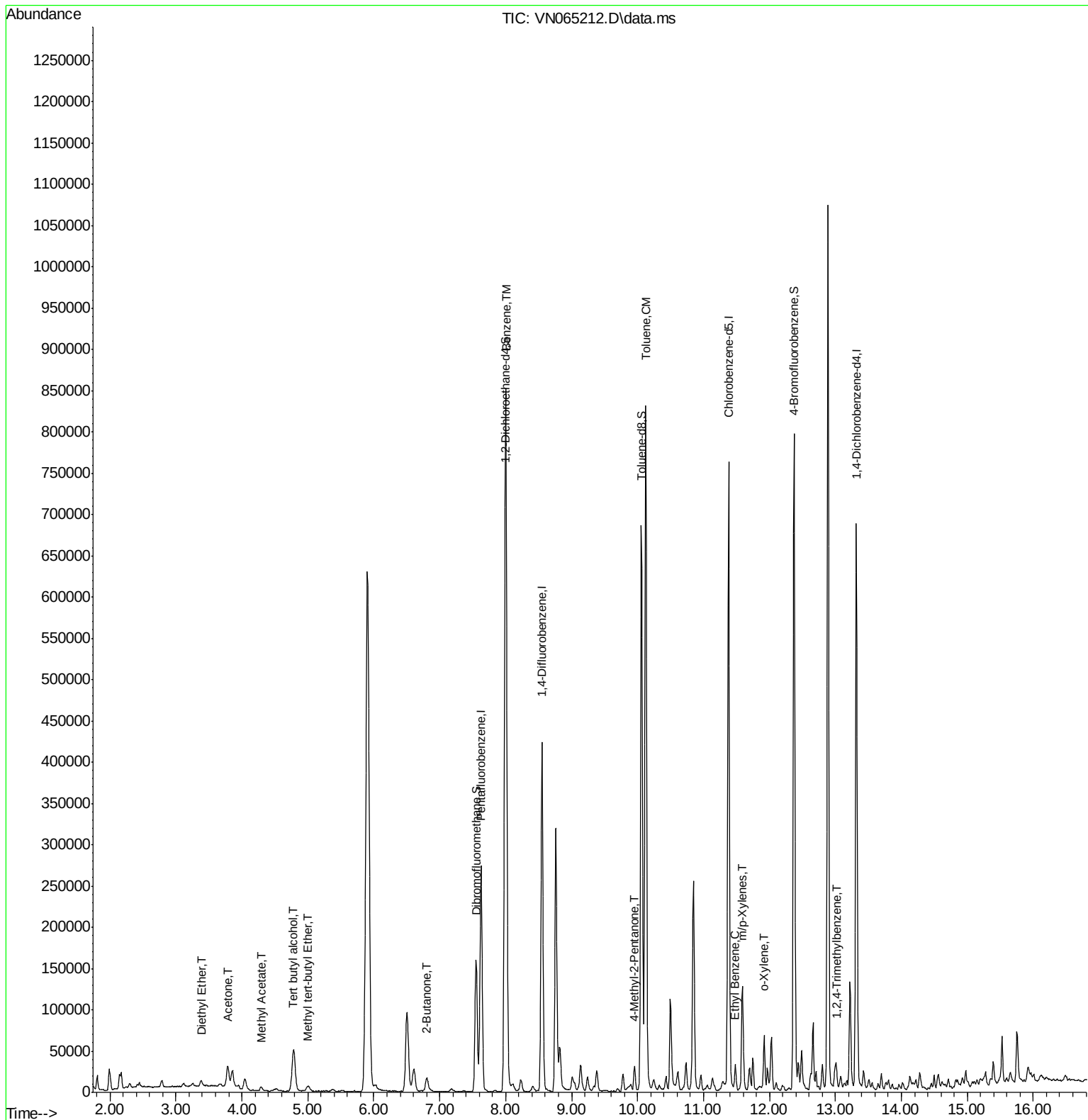
Internal Standards						
1) Pentafluorobenzene	7.627	168	236825	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	396049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	412226	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	194860	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	142759	53.40	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.80%			
35) Dibromofluoromethane	7.553	113	125446	52.50	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.00%			
50) Toluene-d8	10.058	98	487681	54.46	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 108.92%			
62) 4-Bromofluorobenzene	12.376	95	203552	56.71	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 113.42%			
Target Compounds						Qvalue
8) Diethyl Ether	3.383	74	3813	2.49	ug/l	95
11) Tert butyl alcohol	4.775	59	24940	57.01	ug/l #	87
16) Acetone	3.788	43	39223	25.29	ug/l	97
18) Methyl Acetate	4.290	43	8109	3.38	ug/l	95
19) Methyl tert-butyl Ether	5.004	73	8434	1.14	ug/l #	80
25) 2-Butanone	6.801	43	18550	12.36	ug/l	99
40) Benzene	8.004	78	782612	73.05	ug/l	98
51) 4-Methyl-2-Pentanone	9.955	43	19772	5.72	ug/l	100
52) Toluene	10.122	92	362262	53.65	ug/l	99
67) Ethyl Benzene	11.483	91	20830	1.38	ug/l	98
68) m/p-Xylenes	11.589	106	39714	6.97	ug/l	96
69) o-Xylene	11.920	106	15078	2.73	ug/l	94
84) 1,2,4-Trimethylbenzene	13.013	105	16369	1.33	ug/l	96

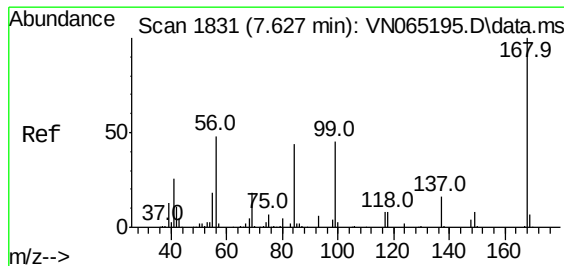
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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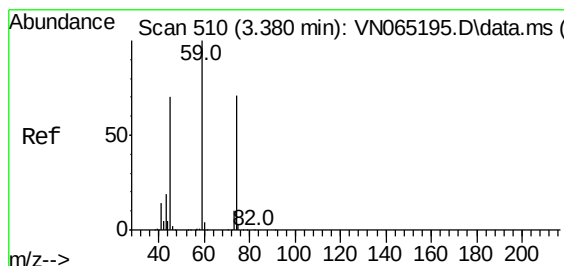
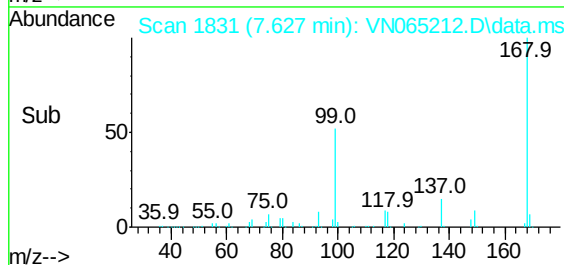
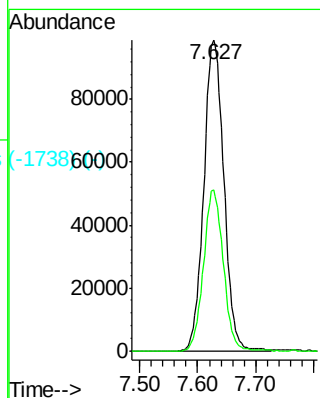
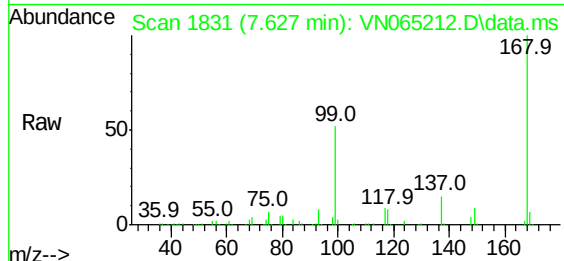




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

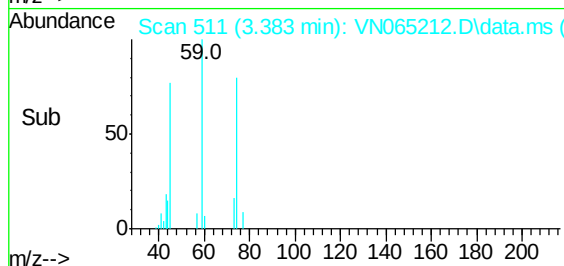
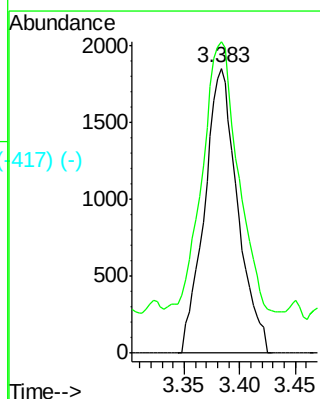
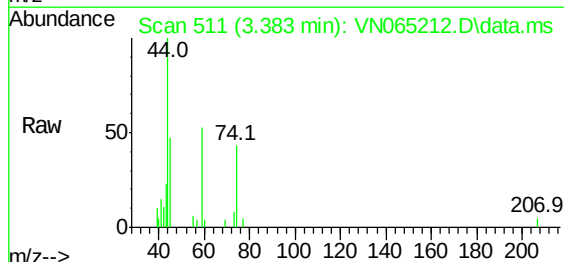
Instrument :
MSVOA_N
ClientSampleId :
CGP-7

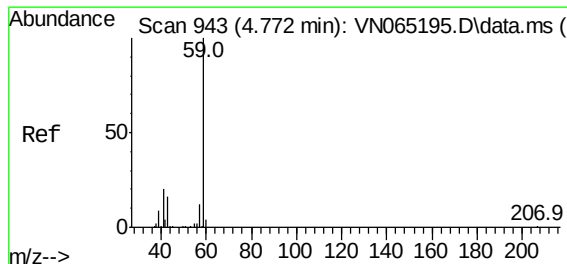
Tgt Ion:168 Resp: 236825
Ion Ratio Lower Upper
168 100
99 51.8 43.0 64.4



Diethyl Ether
Concen: 2.49 ug/l
RT: 3.383 min Scan# 511
Delta R.T. 0.003 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 74 Resp: 3813
Ion Ratio Lower Upper
74 100
45 103.1 48.9 146.8

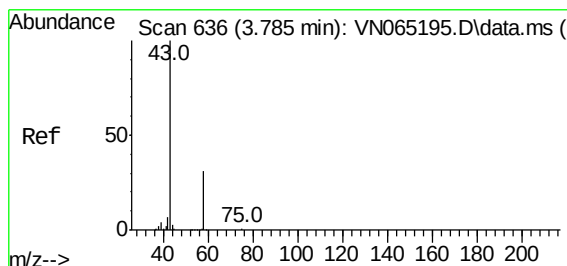
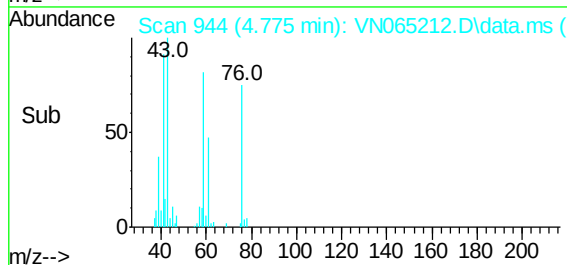
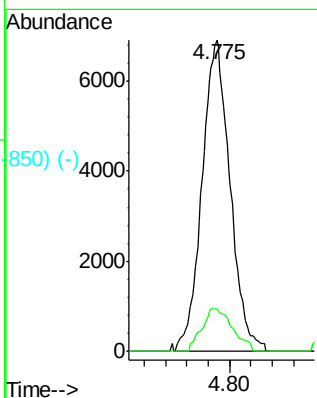
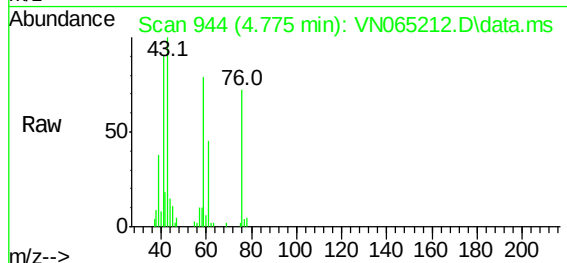




Tert butyl alcohol
 Concen: 57.01 ug/l
 RT: 4.775 min Scan# 944
 Delta R.T. 0.003 min
 Lab File: VN065212.D
 Acq: 22 Dec 2020 21:49

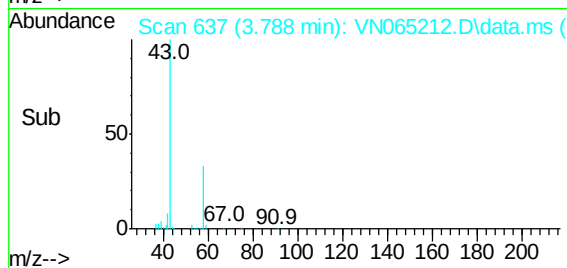
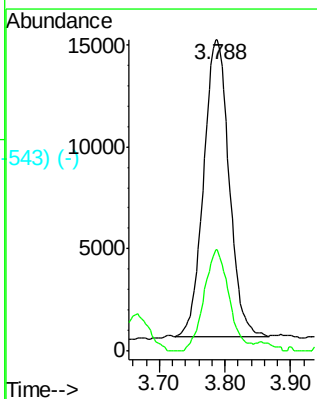
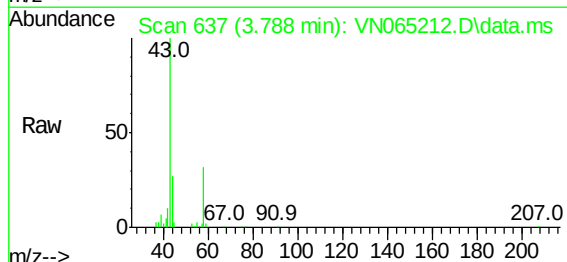
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-7

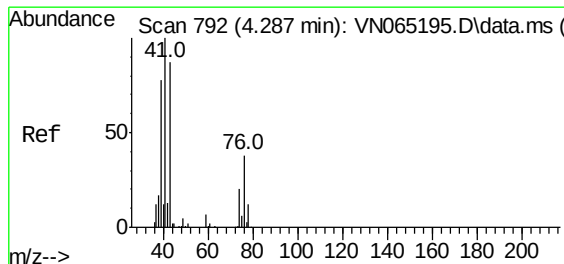
Tgt Ion: 59 Resp: 24940
 Ion Ratio Lower Upper
 59 100
 57 14.7 7.9 11.9#



Acetone
 Concen: 25.29 ug/l
 RT: 3.788 min Scan# 637
 Delta R.T. 0.003 min
 Lab File: VN065212.D
 Acq: 22 Dec 2020 21:49

Tgt Ion: 43 Resp: 39223
 Ion Ratio Lower Upper
 43 100
 58 33.8 25.7 38.5

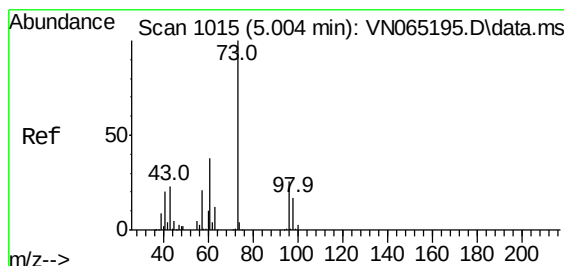
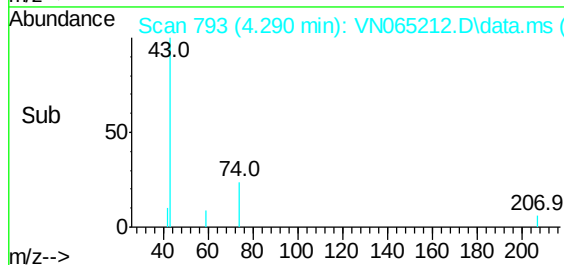
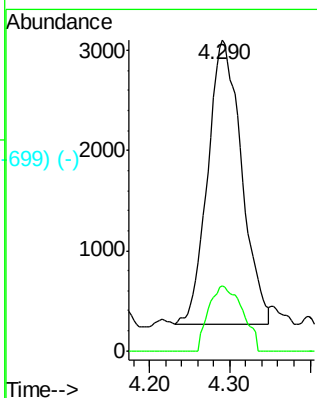
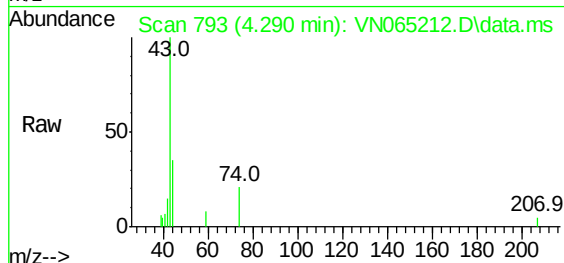




Scan 792 (4.287 min): VN065195.D\data.ms (-718) (-)
 Methyl Acetate
 Concen: 3.38 ug/l
 RT: 4.290 min Scan# 793
 Delta R.T. 0.003 min
 Lab File: VN065212.D
 Acq: 22 Dec 2020 21:49

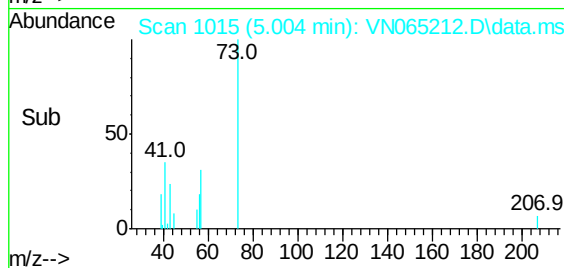
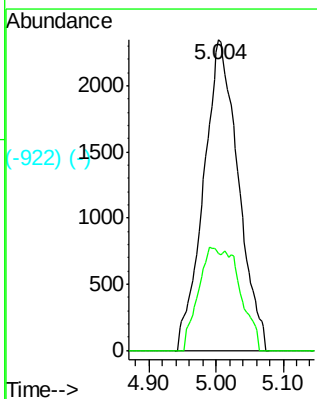
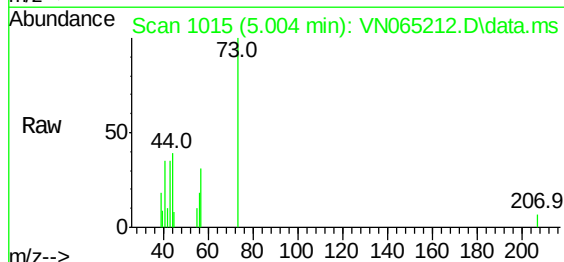
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-7

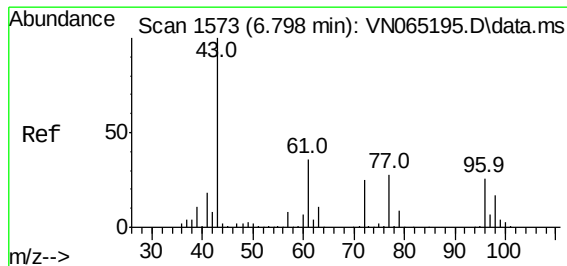
Tgt Ion: 43 Resp: 8109
 Ion Ratio Lower Upper
 43 100
 74 22.8 20.2 30.2



Scan 1015 (5.004 min): VN065195.D\data.ms (-916) (-)
 Methyl tert-butyl Ether
 Concen: 1.14 ug/l
 RT: 5.004 min Scan# 1015
 Delta R.T. -0.000 min
 Lab File: VN065212.D
 Acq: 22 Dec 2020 21:49

Tgt Ion: 73 Resp: 8434
 Ion Ratio Lower Upper
 73 100
 57 31.3 17.4 26.0#

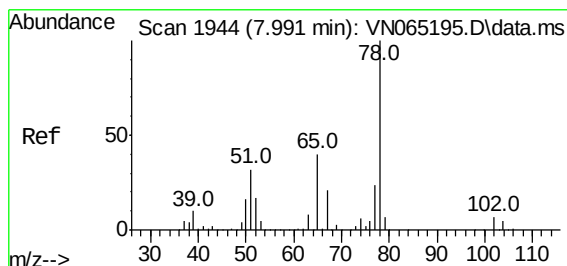
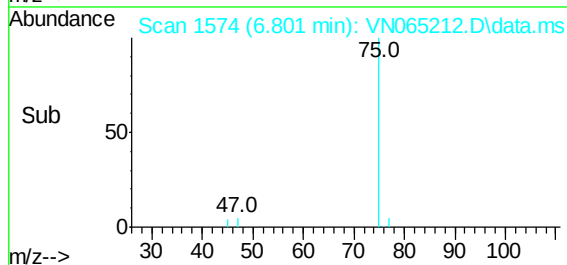
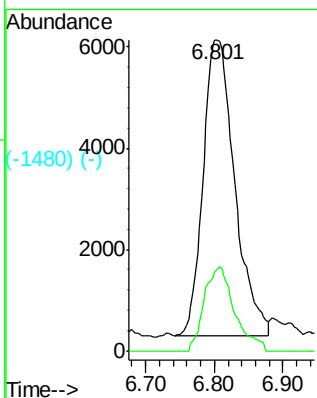
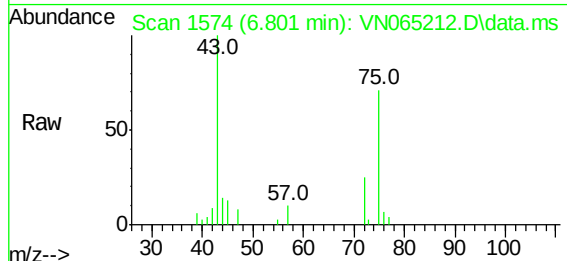




#135 (-)
2-Butanone
Concen: 12.36 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

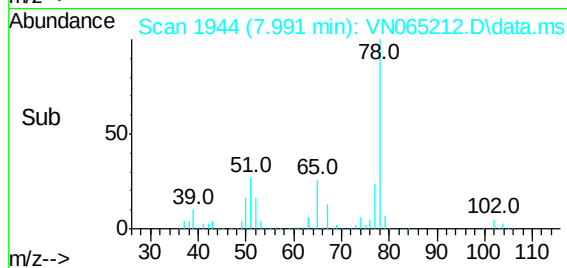
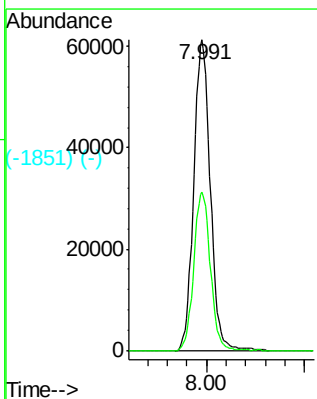
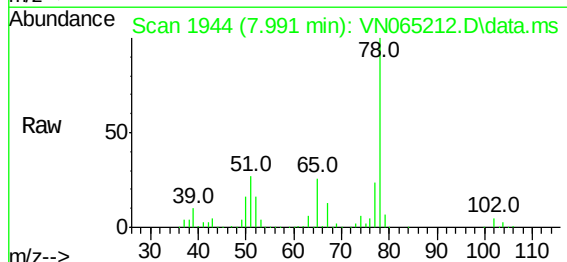
Instrument :
MSVOA_N
ClientSampled :
CGP-7

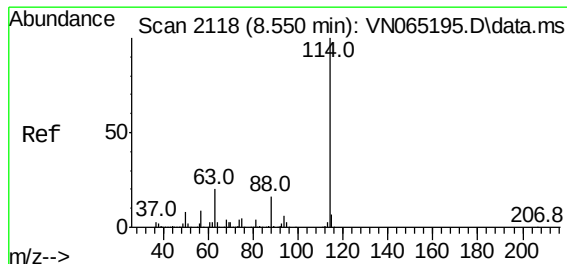
Tgt Ion: 43 Resp: 18550
Ion Ratio Lower Upper
43 100
72 26.6 21.0 31.6



#136 (-)
1,2-Dichloroethane-d4
Concen: 53.40 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 65 Resp: 142759
Ion Ratio Lower Upper
65 100
67 51.0 0.0 108.2



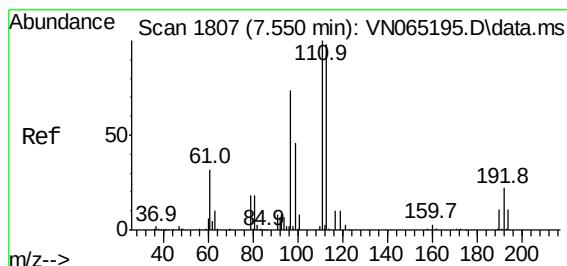
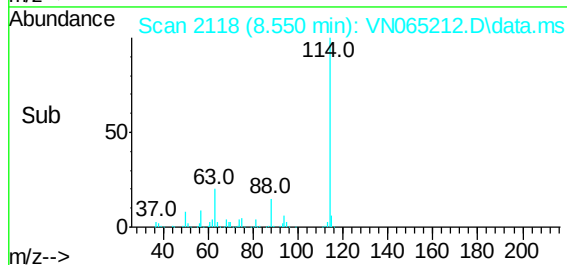
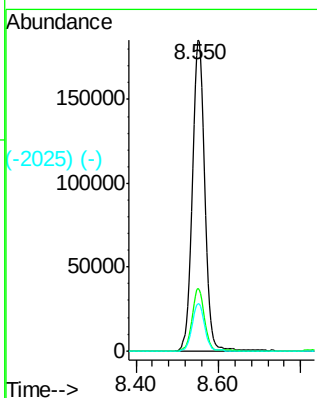
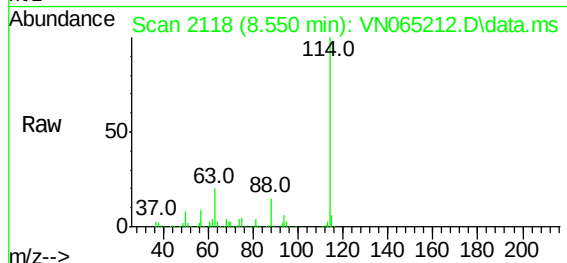


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Instrument :
MSVOA_N
ClientSampleId :
CGP-7

Tgt Ion:114 Resp: 396049

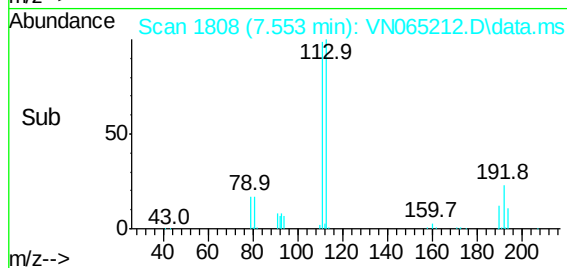
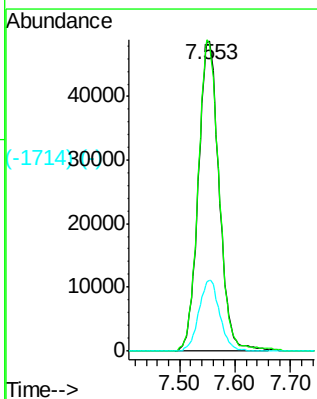
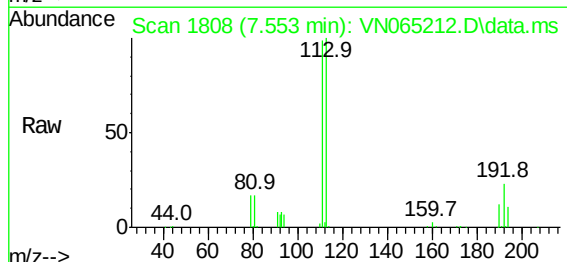
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	38.6
88	15.3	0.0	32.6

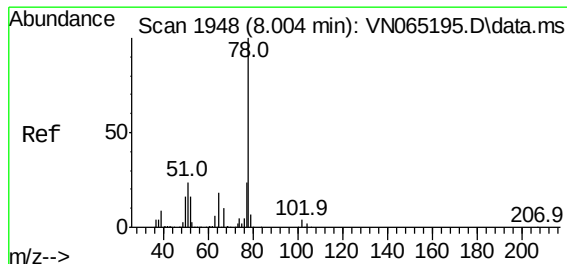


Dibromofluoromethane
Concen: 52.50 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion:113 Resp: 125446

Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.6	122.4
192	22.4	16.2	24.2

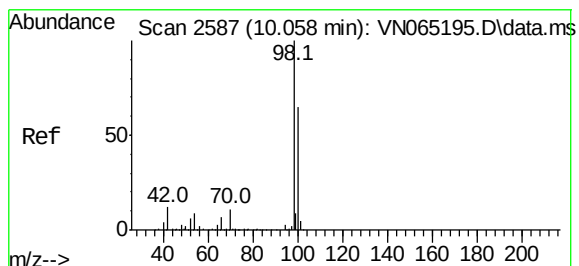
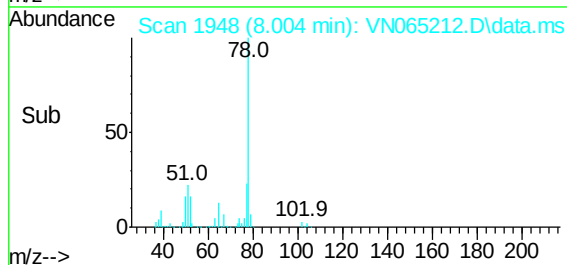
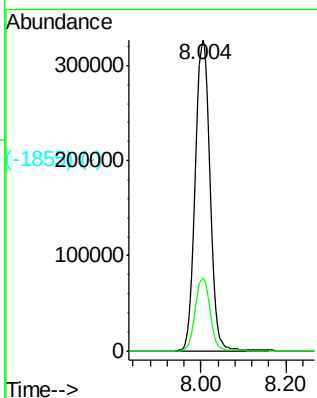
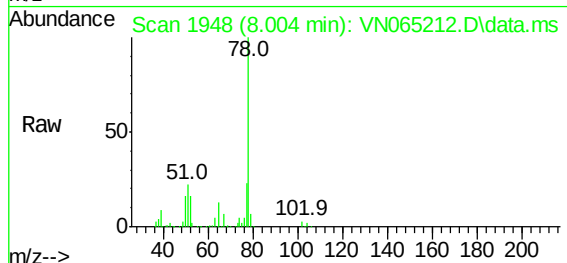




#498 (-)
Benzene
Concen: 73.05 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

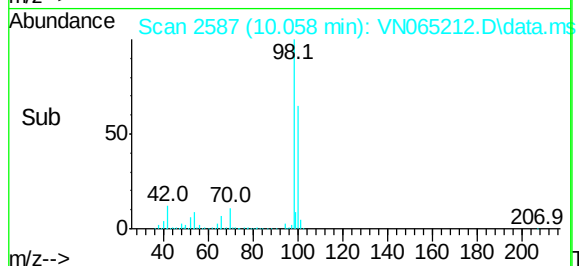
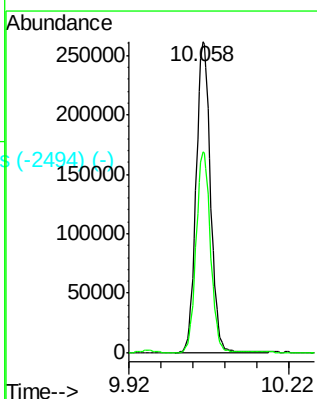
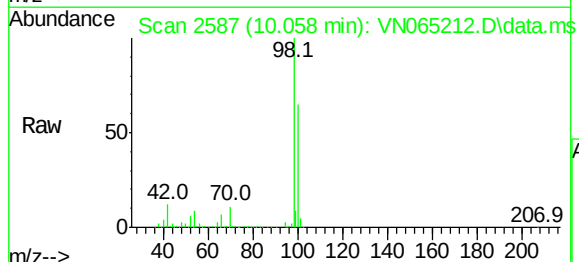
Instrument :
MSVOA_N
ClientSampled :
CGP-7

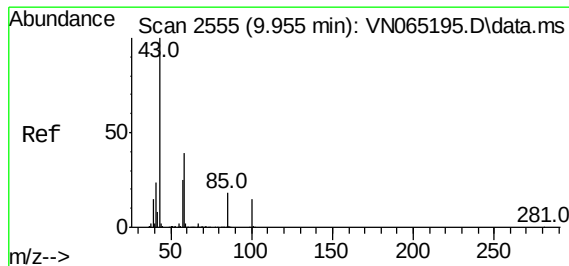
Tgt Ion: 78 Resp: 782612
Ion Ratio Lower Upper
78 100
77 23.2 17.9 26.9



#5971 (-)
Toluene-d8
Concen: 54.46 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 98 Resp: 487681
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

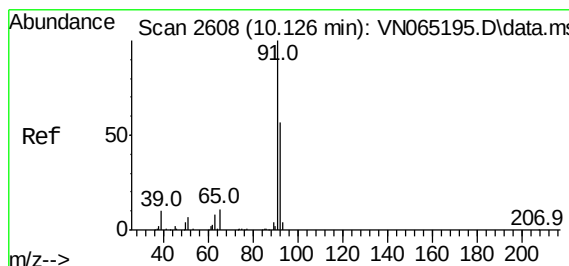
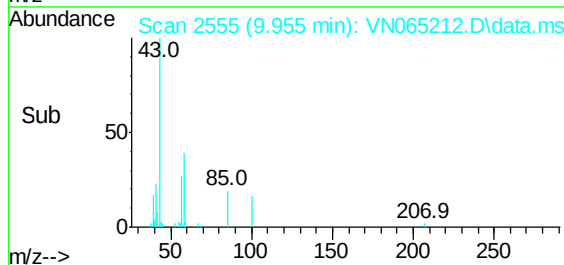
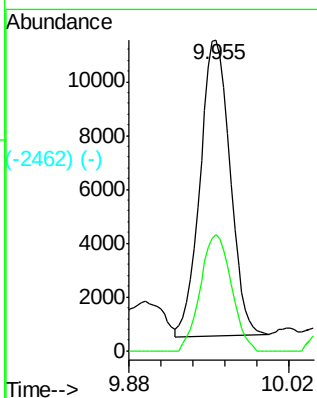
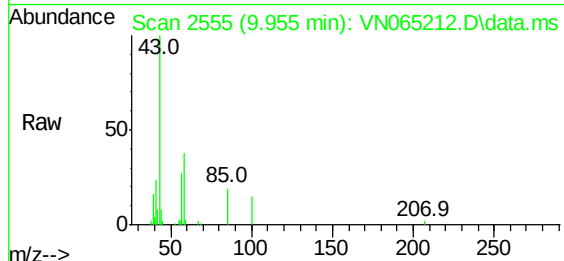




#518 (-)
4-Methyl-2-Pentanone
Concen: 5.72 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

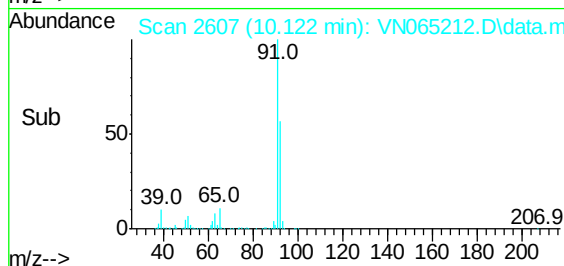
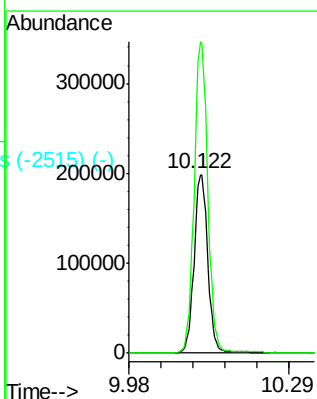
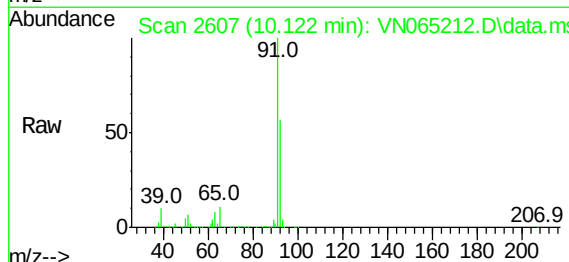
Instrument :
MSVOA_N
ClientSampleId :
CGP-7

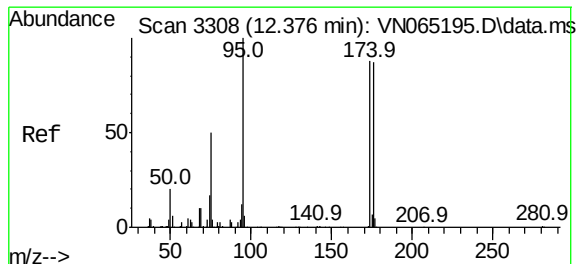
Tgt Ion: 43 Resp: 19772
Ion Ratio Lower Upper
43 100
58 40.4 32.4 48.6



#519 (-)
Toluene
Concen: 53.65 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.004 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion: 92 Resp: 362262
Ion Ratio Lower Upper
92 100
91 174.8 139.1 208.7

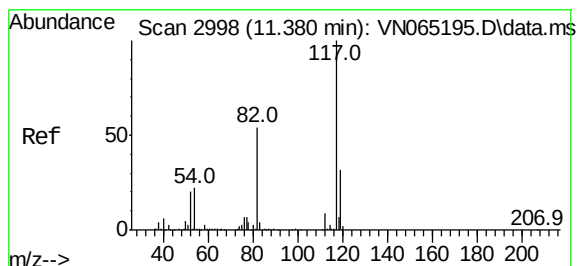
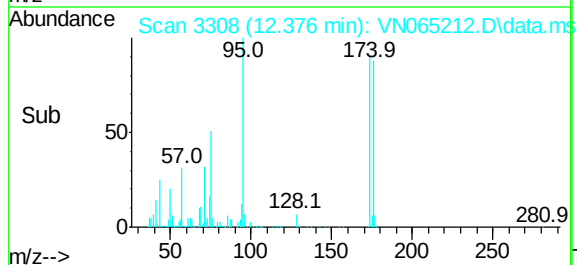
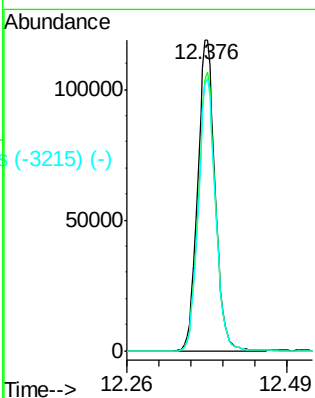
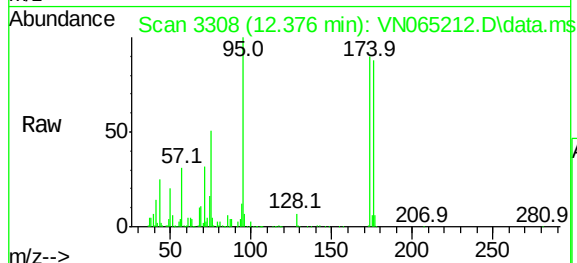




#6294 (-)
4-Bromofluorobenzene
Concen: 56.71 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

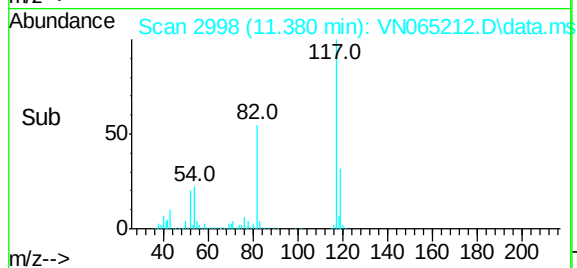
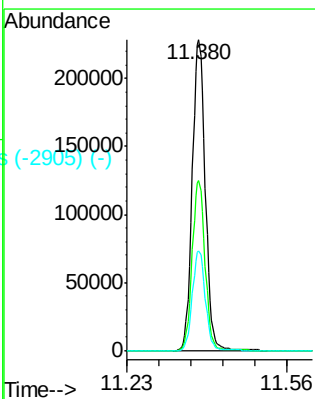
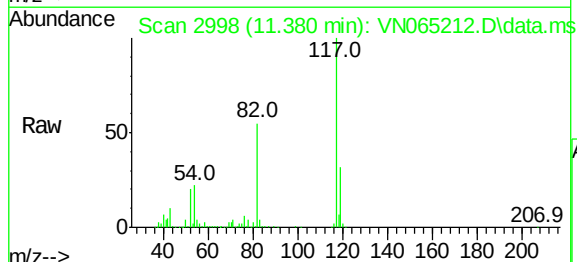
Instrument :
MSVOA_N
ClientSampleId :
CGP-7

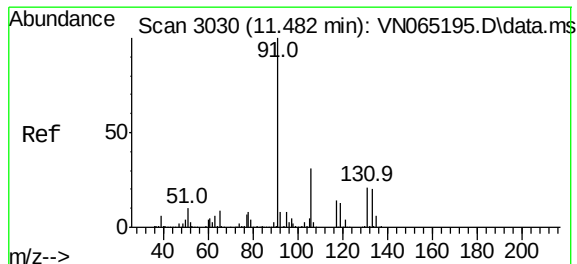
Tgt Ion:	95	Resp:	203552
Ion Ratio	Lower	Upper	
95	100		
174	89.0	0.0	160.4
176	86.7	0.0	158.4



#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion:	117	Resp:	412226
Ion Ratio	Lower	Upper	
117	100		
82	54.5	44.2	66.2
119	32.2	25.8	38.6

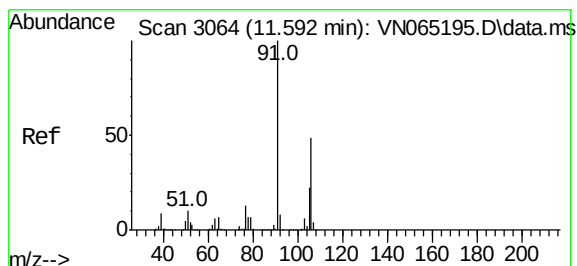
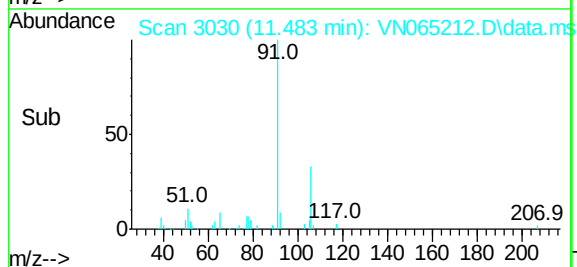
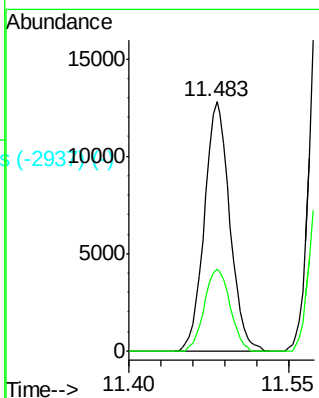
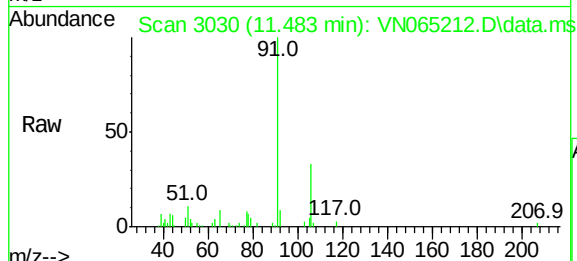




#6715 (-)
Ethyl Benzene
Concen: 1.38 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

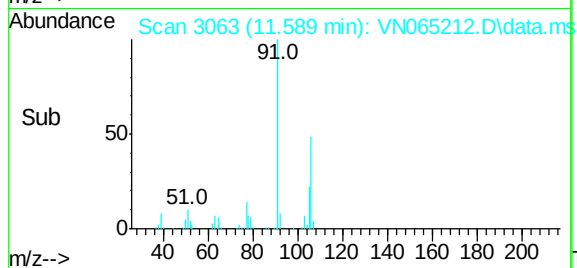
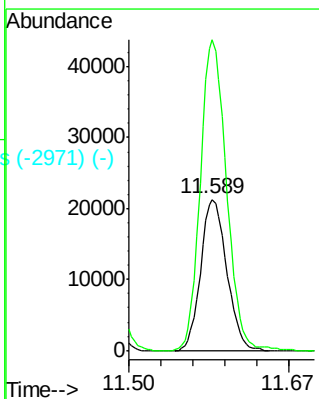
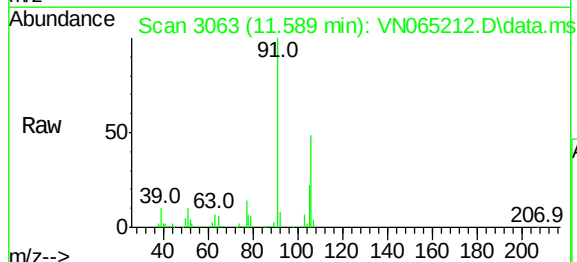
Instrument :
MSVOA_N
ClientSampled :
CGP-7

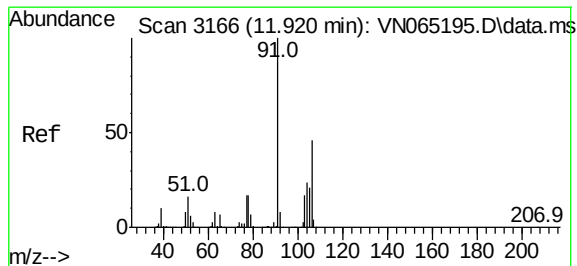
Tgt Ion: 91 Resp: 20830
Ion Ratio Lower Upper
91 100
106 32.6 25.2 37.8



#6718 (-)
m/p-Xylenes
Concen: 6.97 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

Tgt Ion:106 Resp: 39714
Ion Ratio Lower Upper
106 100
91 206.9 161.0 241.4

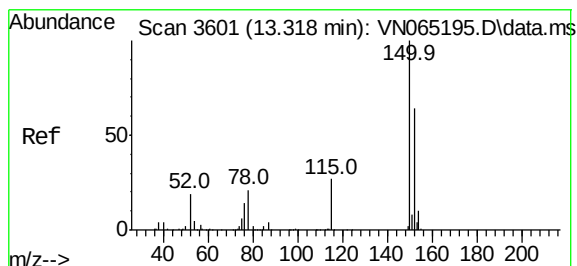
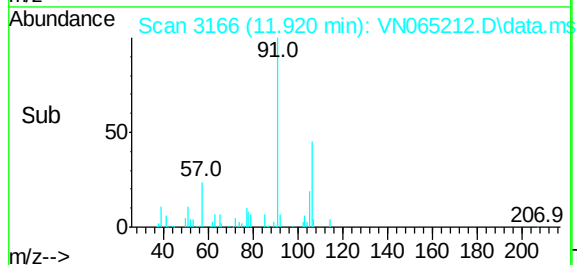
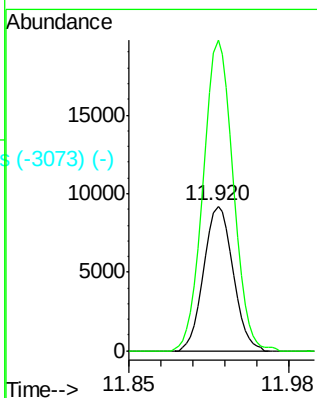
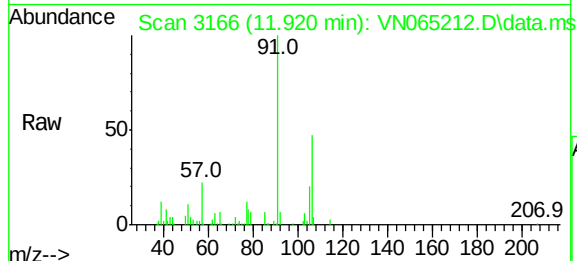




#6952 (-)
o-Xylene
Concen: 2.73 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

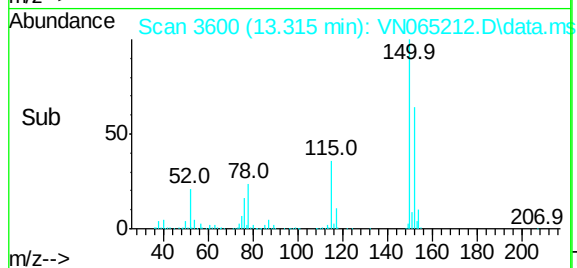
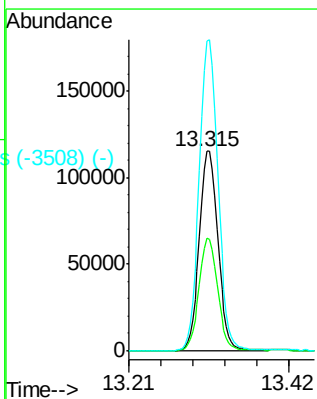
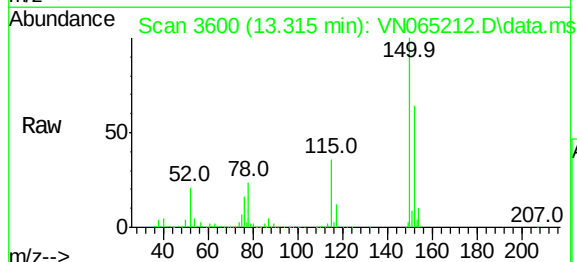
Instrument :
MSVOA_N
ClientSampled :
CGP-7

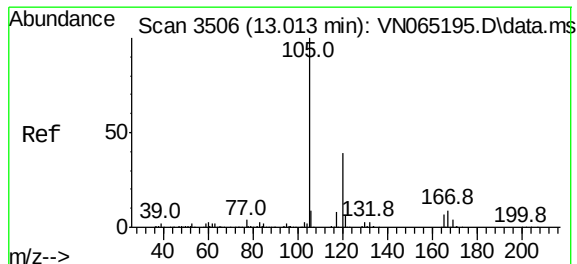
Tgt Ion:106 Resp: 15078
Ion Ratio Lower Upper
106 100
91 220.5 105.5 316.5



#7387 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. -0.003 min
Lab File: VN065212.D
Acq: 22 Dec 2020 21:49

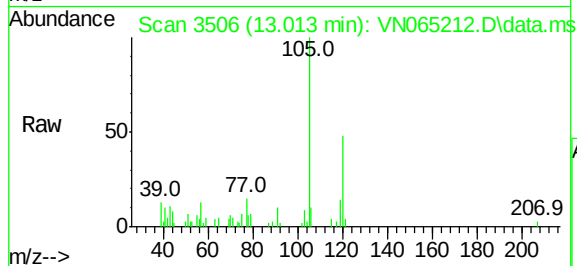
Tgt Ion:152 Resp: 194860
Ion Ratio Lower Upper
152 100
115 56.3 29.7 89.1
150 157.6 0.0 350.6





#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 1.33 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065212.D
 Acq: 22 Dec 2020 21:49

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-7



Tgt Ion:	105	Resp:	16369
Ion	Ratio	Lower	Upper
105	100		
120	43.2	23.1	69.2

