

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065214.D
 Acq On : 22 Dec 2020 22:39
 Operator : JC/MD
 Sample : L5159-18 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-9

Quant Time: Dec 23 03:45:48 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)

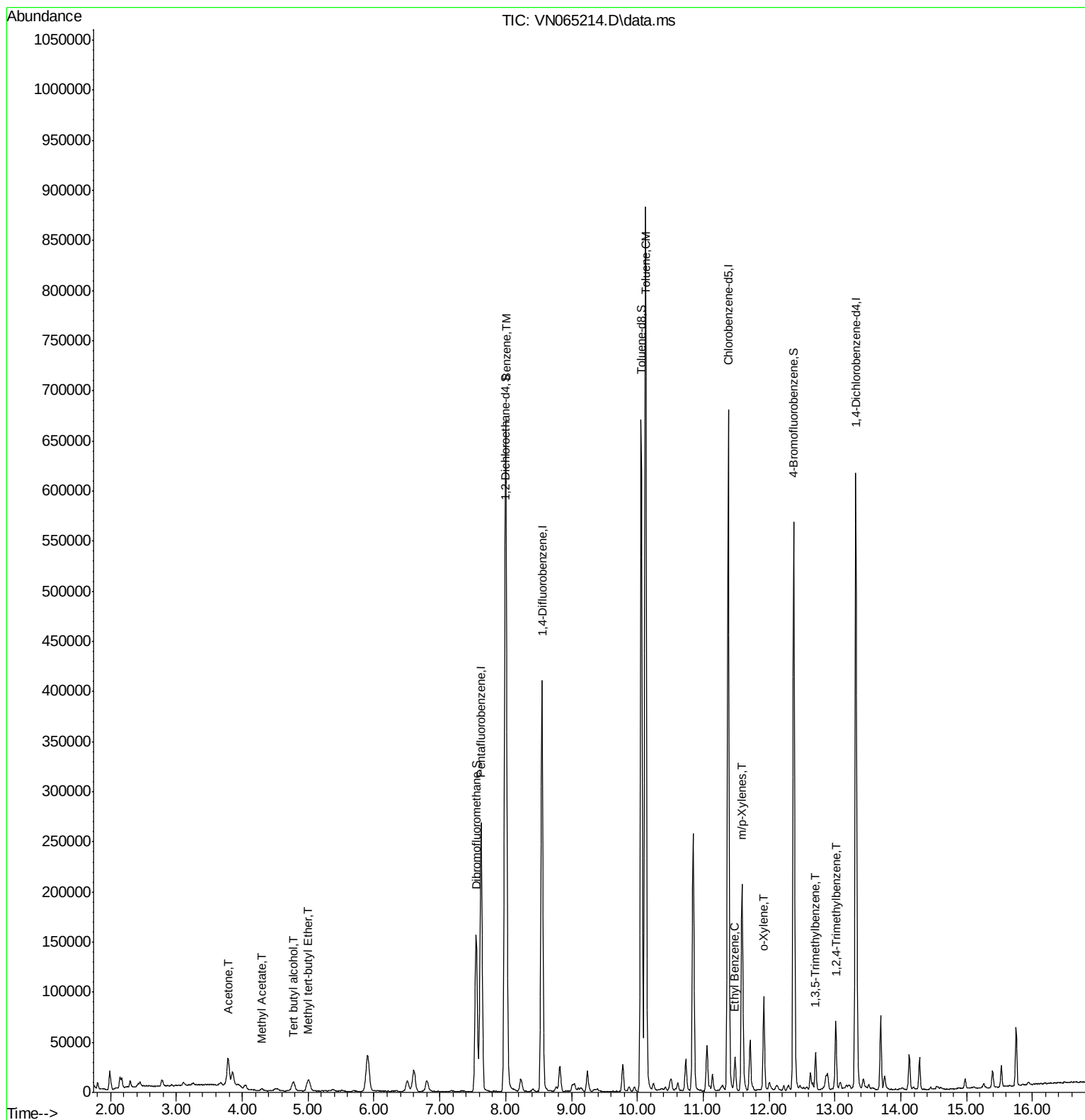
Internal Standards						
1) Pentafluorobenzene	7.627	168	231698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	384047	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	401419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	179788	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	138139	52.81	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.62%			
35) Dibromofluoromethane	7.553	113	121790	52.56	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 105.12%			
50) Toluene-d8	10.058	98	476307	54.85	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.70%			
62) 4-Bromofluorobenzene	12.376	95	192723	55.49	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.98%			
Target Compounds						
11) Tert butyl alcohol	4.775	59	16301	38.09	ug/l #	90
16) Acetone	3.785	43	42866	29.57	ug/l	97
18) Methyl Acetate	4.296	43	3563	1.52	ug/l #	76
19) Methyl tert-butyl Ether	5.004	73	19182	2.65	ug/l #	89
40) Benzene	8.004	78	606057	58.34	ug/l	98
52) Toluene	10.126	92	391944	59.86	ug/l	99
67) Ethyl Benzene	11.483	91	22009	1.49	ug/l	96
68) m/p-Xylenes	11.589	106	66764	12.04	ug/l	98
69) o-Xylene	11.920	106	24775	4.60	ug/l	93
80) 1,3,5-Trimethylbenzene	12.708	105	18671	1.60	ug/l	100
84) 1,2,4-Trimethylbenzene	13.013	105	39515	3.48	ug/l	96

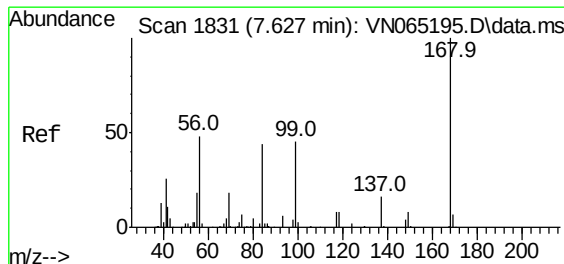
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

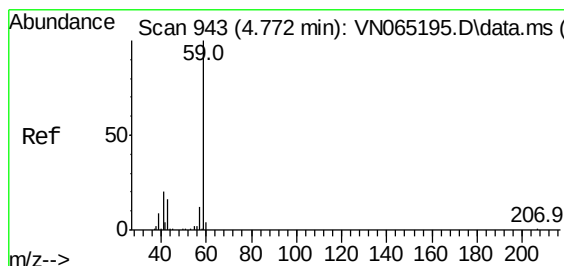
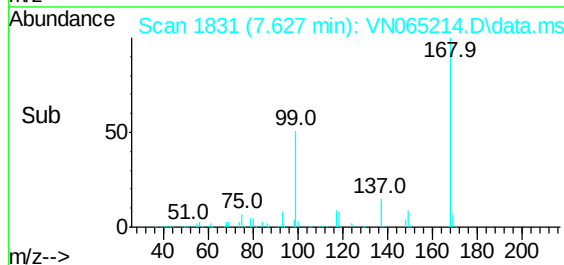
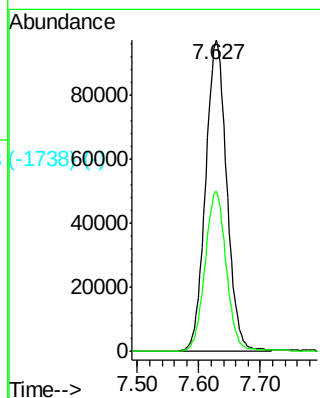
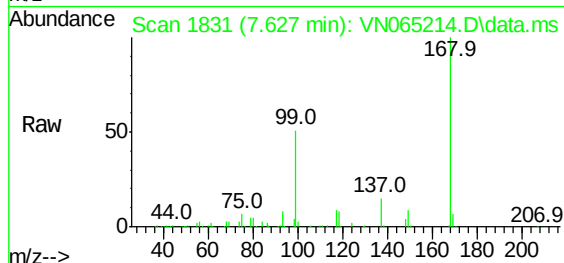




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065214.D
 Acq: 22 Dec 2020 22:39

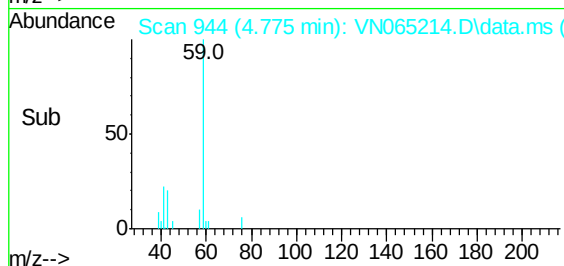
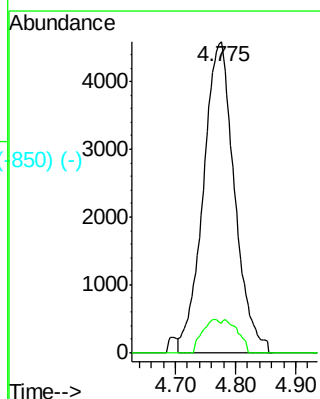
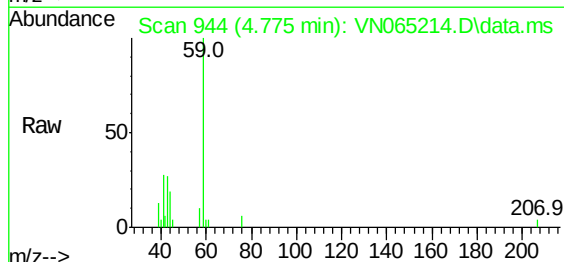
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-9

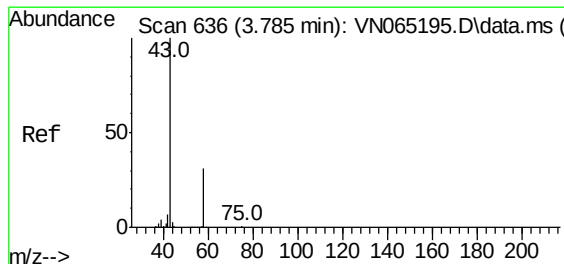
Tgt Ion:168 Resp: 231698
 Ion Ratio Lower Upper
 168 100
 99 51.3 43.0 64.4



Tert butyl alcohol
 Concen: 38.09 ug/l
 RT: 4.775 min Scan# 944
 Delta R.T. 0.003 min
 Lab File: VN065214.D
 Acq: 22 Dec 2020 22:39

Tgt Ion: 59 Resp: 16301
 Ion Ratio Lower Upper
 59 100
 57 6.2 7.9 11.9#

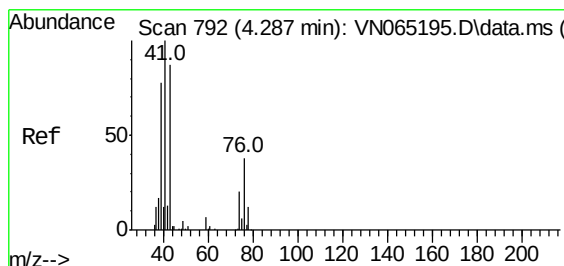
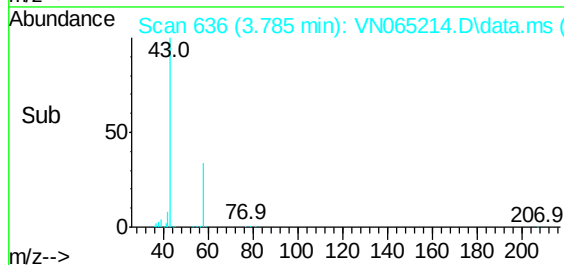
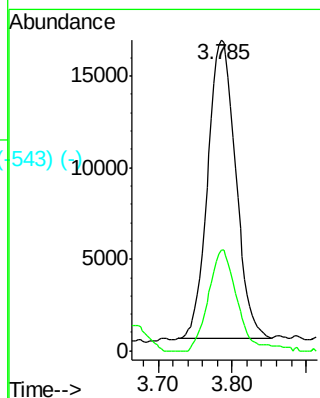
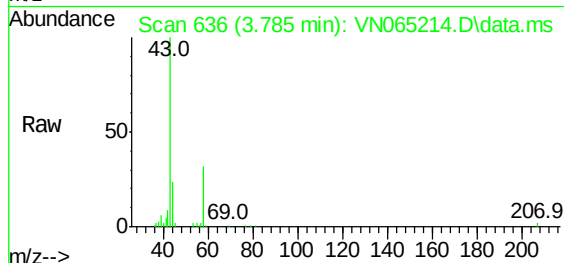




#46 (-)
Acetone
Concen: 29.57 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

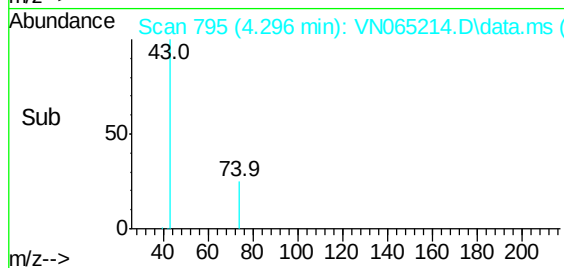
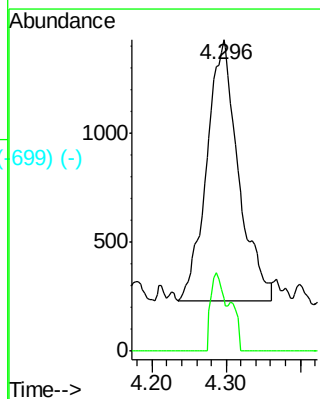
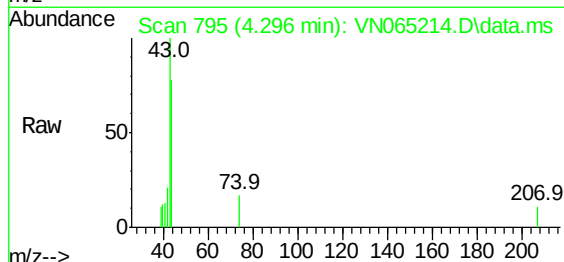
Instrument :
MSVOA_N
ClientSampleId :
CGP-9

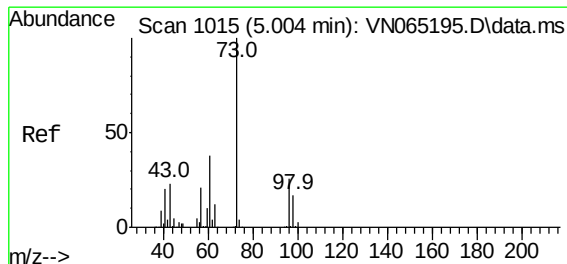
Tgt Ion: 43 Resp: 42866
Ion Ratio Lower Upper
43 100
58 33.8 25.7 38.5



#18 (-)
Methyl Acetate
Concen: 1.52 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion: 43 Resp: 3563
Ion Ratio Lower Upper
43 100
74 12.9 20.2 30.2#

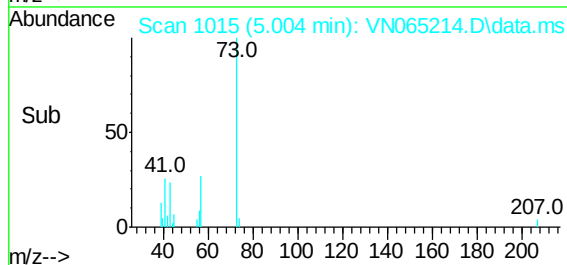
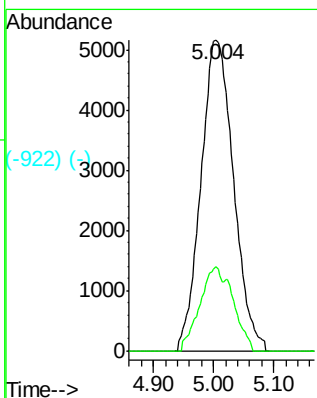
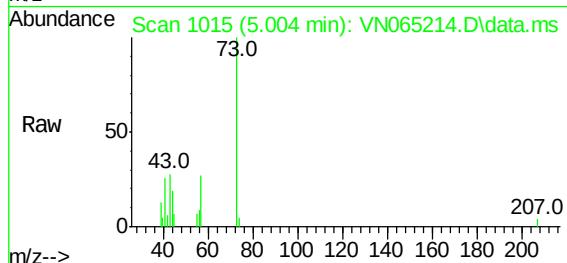




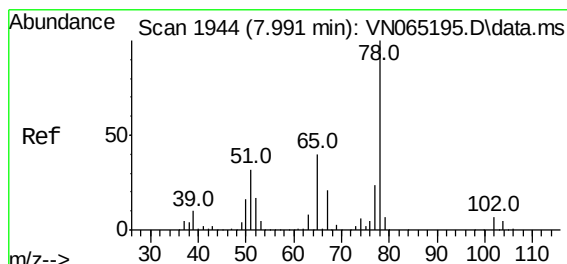
(-916) (-)
Methyl tert-butyl Ether
Concen: 2.65 ug/l
RT: 5.004 min Scan# 1015
Delta R.T. -0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Instrument :
MSVOA_N
ClientSampleId :
CGP-9

Tgt Ion: 73 Resp: 19182
Ion Ratio Lower Upper
73 100
57 27.0 17.4 26.0#

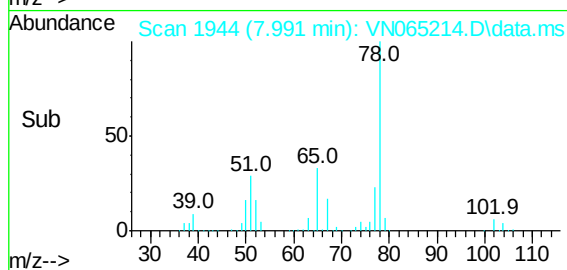
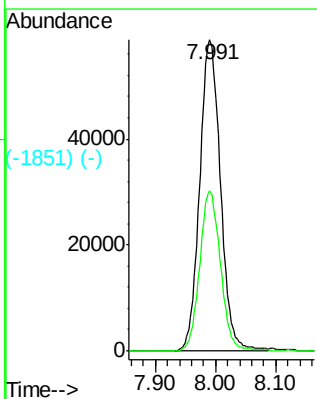
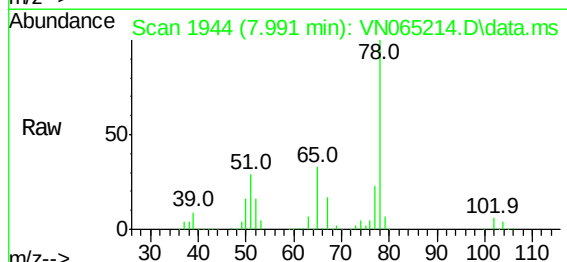


(-922) (-)

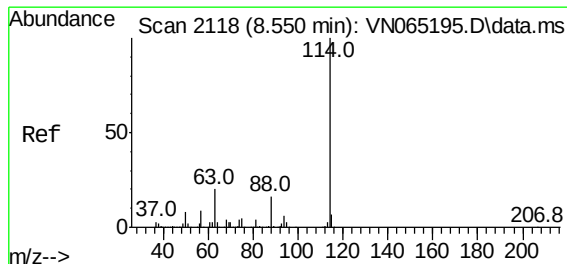


(-936) (-)
1,2-Dichloroethane-d4
Concen: 52.81 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion: 65 Resp: 138139
Ion Ratio Lower Upper
65 100
67 51.3 0.0 108.2



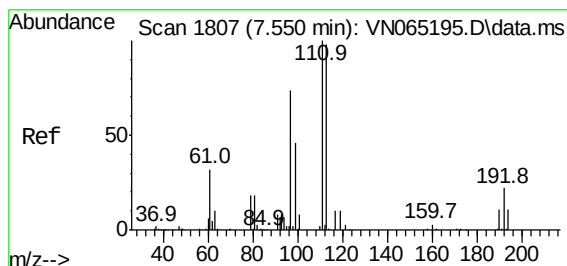
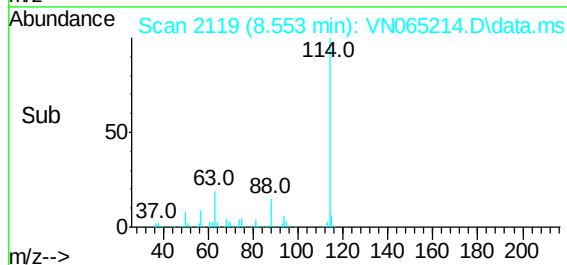
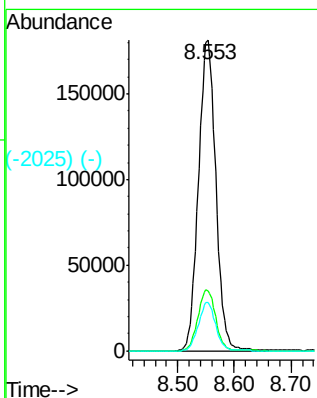
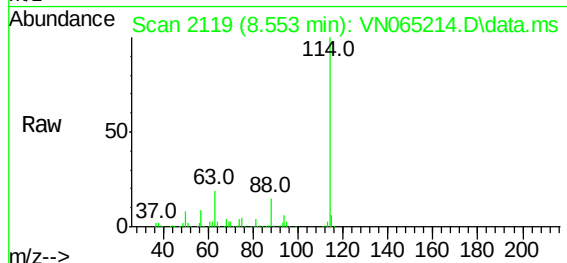
(-1851) (-)



1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

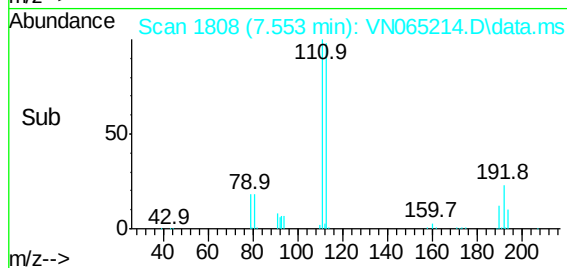
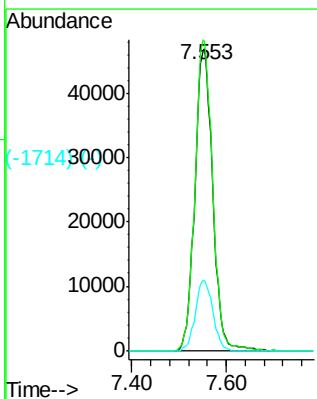
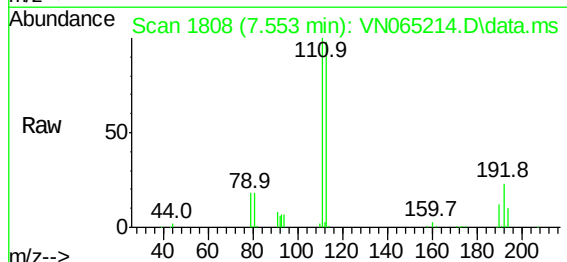
Instrument :
MSVOA_N
ClientSampled :
CGP-9

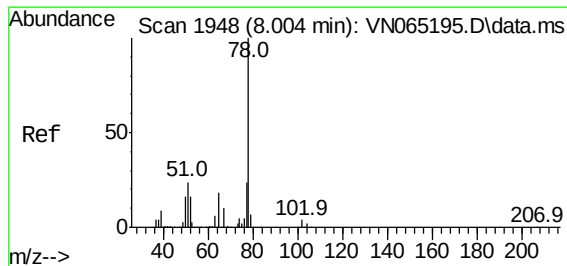
Tgt Ion:	114	Resp:	384047
Ion Ratio	Lower	Upper	
114	100		
63	19.4	0.0	38.6
88	15.5	0.0	32.6



Dibromofluoromethane
Concen: 52.56 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion:	113	Resp:	121790
Ion Ratio	Lower	Upper	
113	100		
111	100.8	81.6	122.4
192	22.7	16.2	24.2

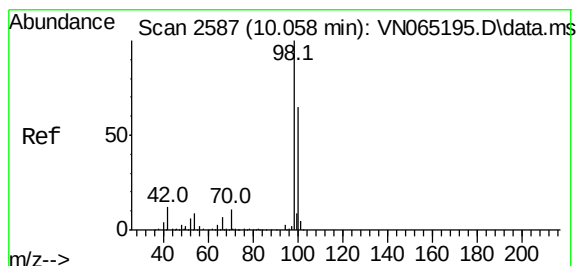
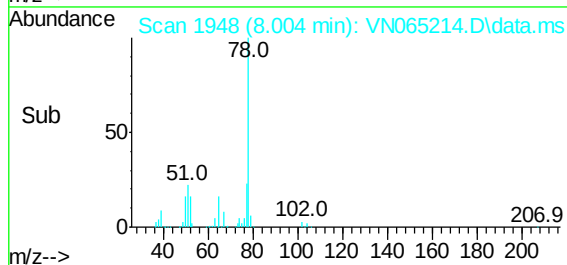
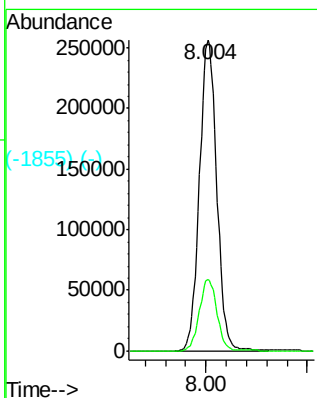
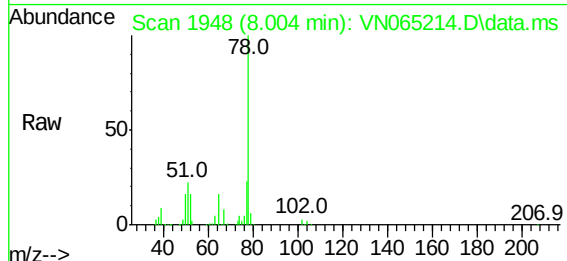




#498 (-)
Benzene
Concen: 58.34 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

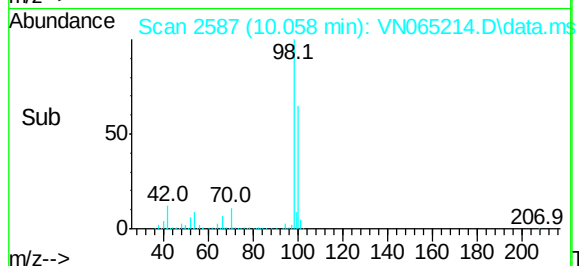
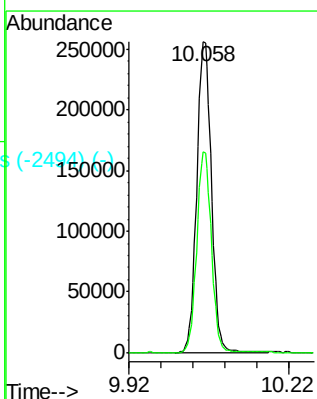
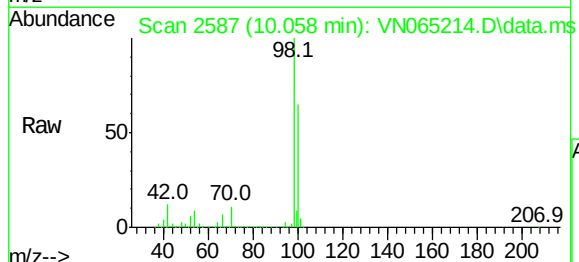
Instrument :
MSVOA_N
ClientSampled :
CGP-9

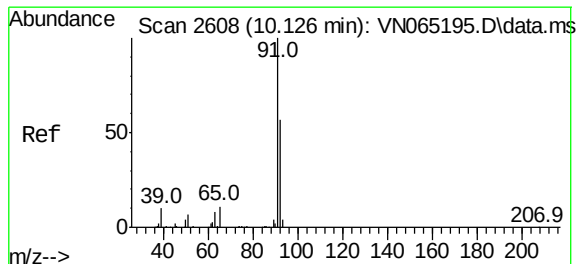
Tgt Ion: 78 Resp: 606057
Ion Ratio Lower Upper
78 100
77 23.1 17.9 26.9



#5971 (-)
Toluene-d8
Concen: 54.85 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion: 98 Resp: 476307
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5

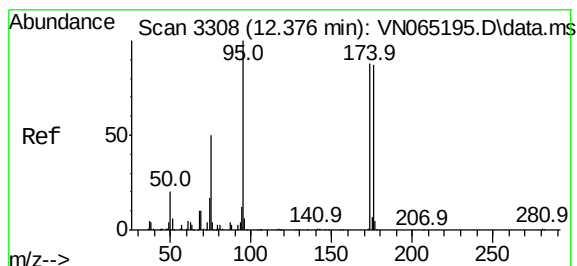
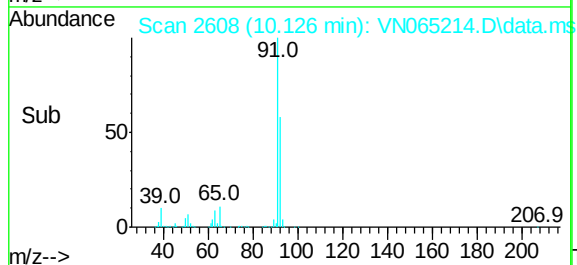
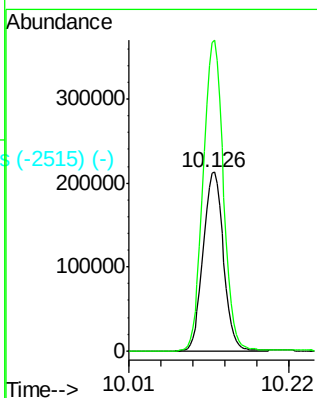
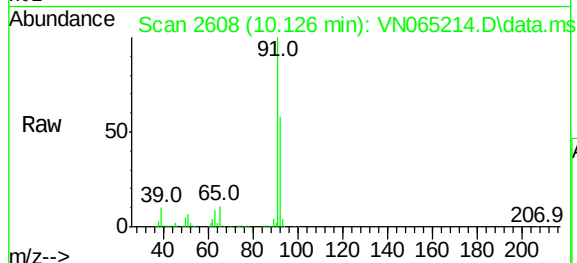




#592 (-)
Toluene
Concen: 59.86 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

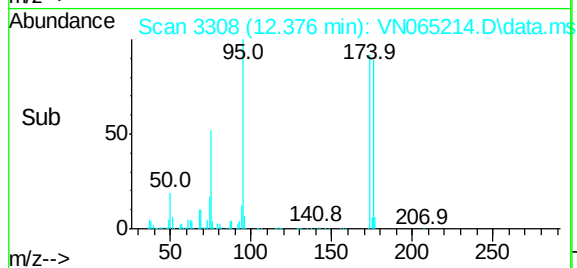
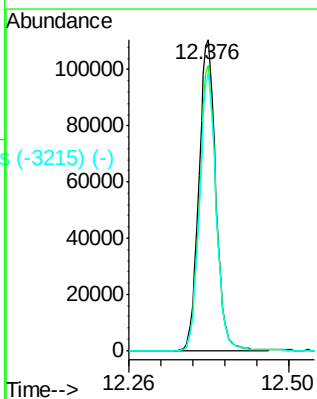
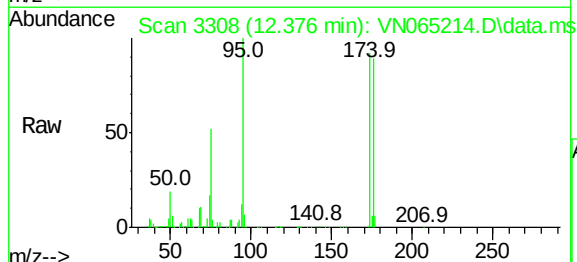
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ClientSampled :
CGP-9

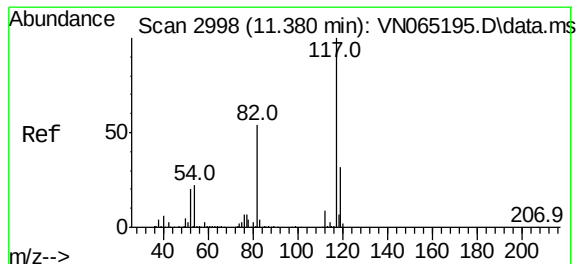
Tgt Ion: 92 Resp: 391944
Ion Ratio Lower Upper
92 100
91 174.7 139.1 208.7



#6294 (-)
4-Bromofluorobenzene
Concen: 55.49 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion: 95 Resp: 192723
Ion Ratio Lower Upper
95 100
174 90.4 0.0 160.4
176 88.0 0.0 158.4

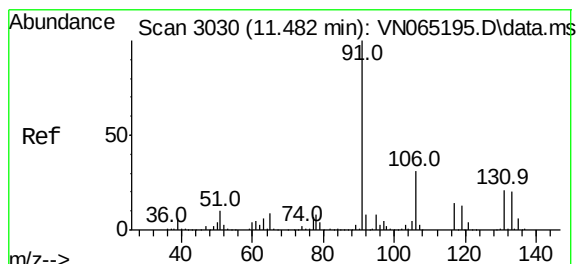
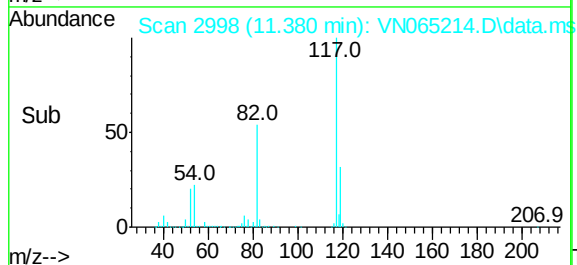
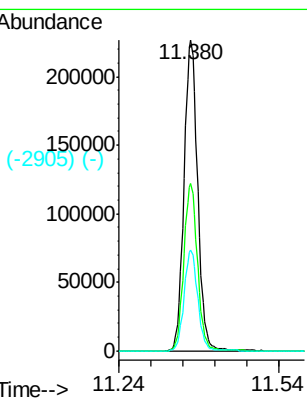
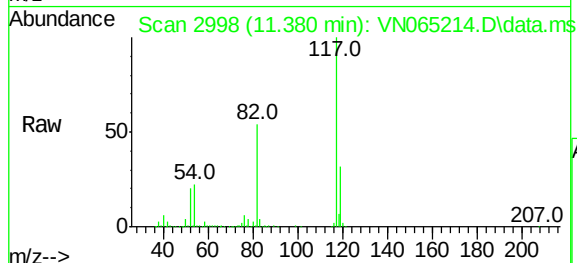




#2983 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

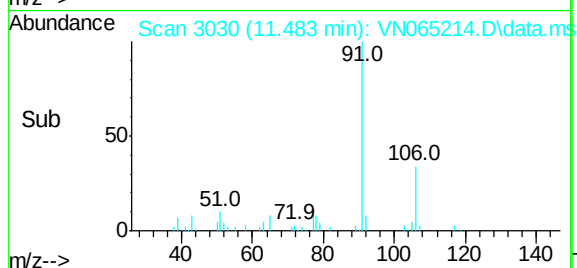
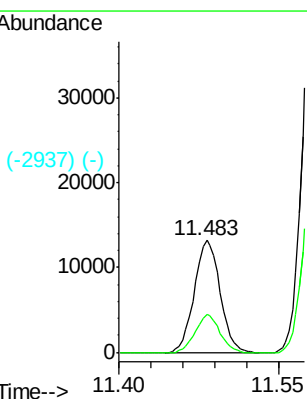
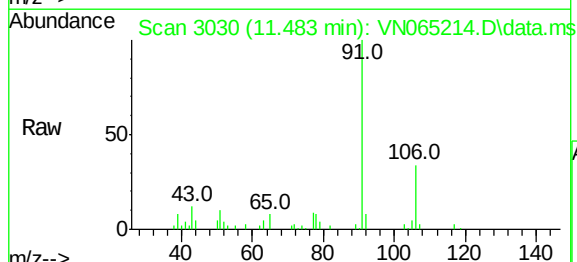
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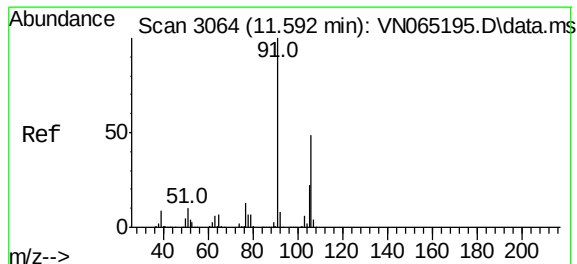
Tgt Ion:	117	Resp:	401419
Ion Ratio	Lower	Upper	
117	100		
82	53.7	44.2	66.2
119	32.4	25.8	38.6



#3015 (-)
Ethyl Benzene
Concen: 1.49 ug/l
RT: 11.483 min Scan# 3030
Delta R.T. 0.001 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion:	91	Resp:	22009
Ion Ratio	Lower	Upper	
91	100		
106	33.7	25.2	37.8

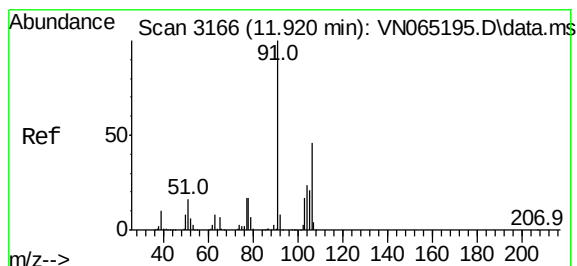
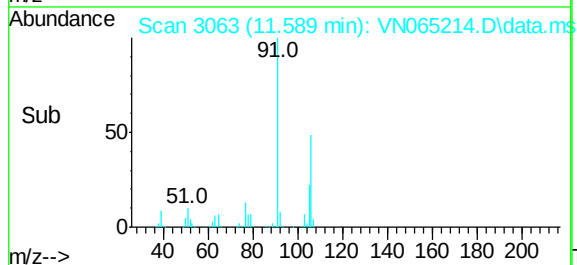
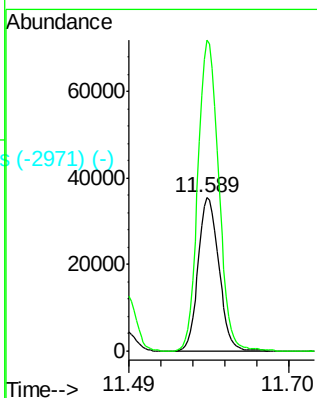
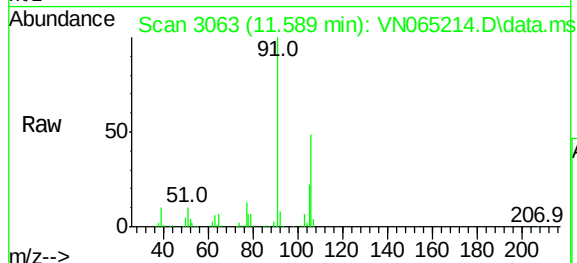




#6048 (-)
m/p-Xylenes
Concen: 12.04 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

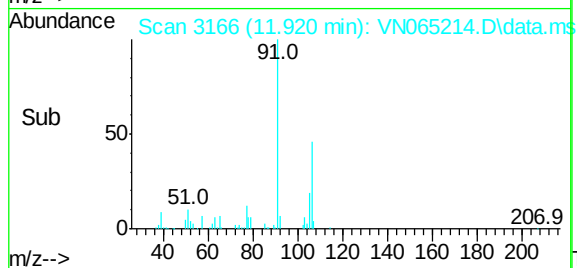
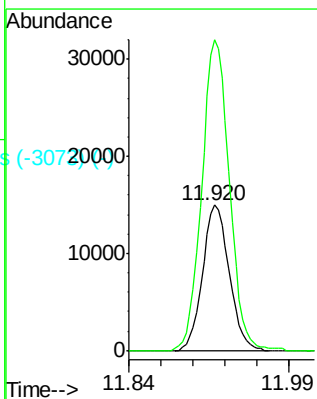
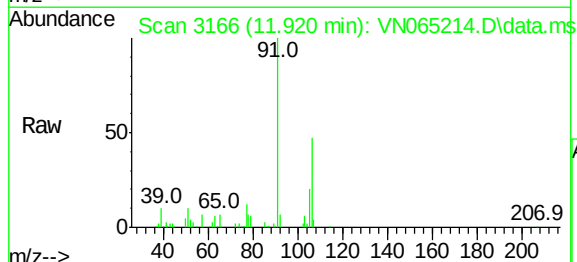
Instrument :
MSVOA_N
ClientSampled :
CGP-9

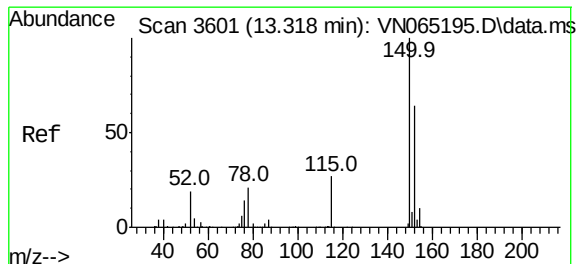
Tgt Ion:106 Resp: 66764
Ion Ratio Lower Upper
106 100
91 203.8 161.0 241.4



#6052 (-)
o-Xylene
Concen: 4.60 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065214.D
Acq: 22 Dec 2020 22:39

Tgt Ion:106 Resp: 24775
Ion Ratio Lower Upper
106 100
91 221.7 105.5 316.5

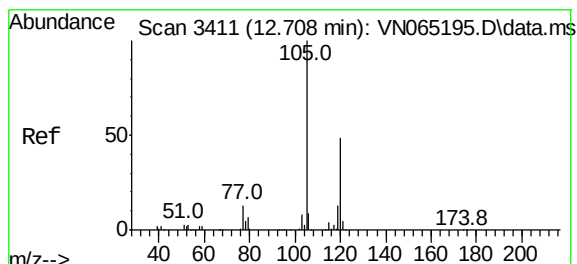
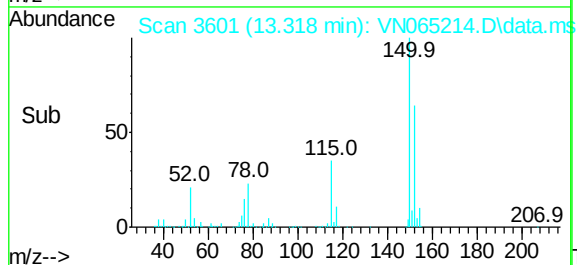
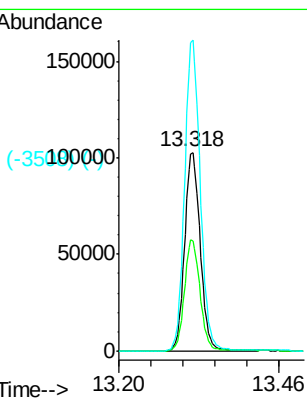
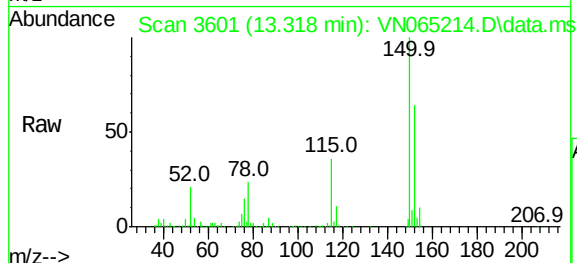




#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065214.D
 Acq: 22 Dec 2020 22:39

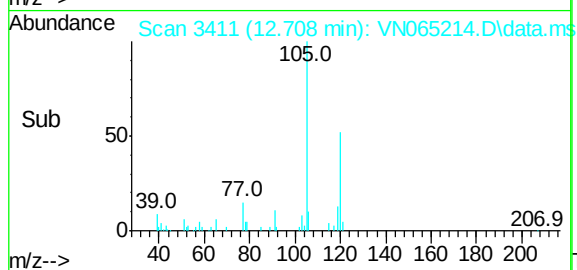
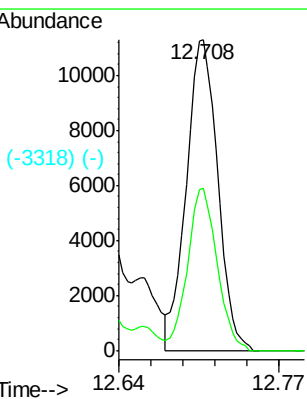
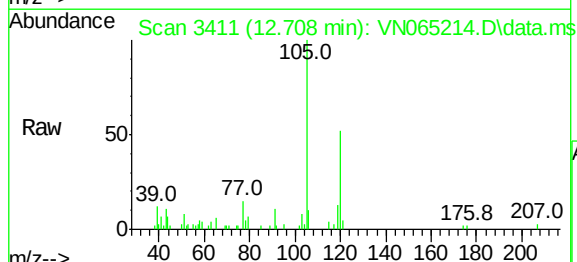
Instrument :
 MSVOA_N
 ClientSampled :
 CGP-9

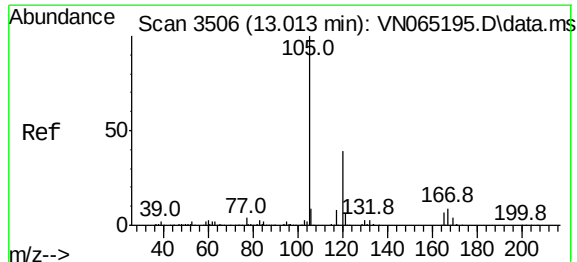
Tgt Ion:	152	Resp:	179788
Ion Ratio	Lower	Upper	
152	100		
115	55.7	29.7	89.1
150	157.1	0.0	350.6



#3411 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.60 ug/l
 RT: 12.708 min Scan# 3411
 Delta R.T. -0.000 min
 Lab File: VN065214.D
 Acq: 22 Dec 2020 22:39

Tgt Ion:	105	Resp:	18671
Ion Ratio	Lower	Upper	
105	100		
120	49.3	24.6	73.6





#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 3.48 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. 0.000 min
 Lab File: VN065214.D
 Acq: 22 Dec 2020 22:39

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-9

Tgt Ion:105 Resp: 39515
 Ion Ratio Lower Upper
 105 100
 120 43.3 23.1 69.2

