

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065219.D
 Acq On : 23 Dec 2020 00:43
 Operator : JC/MD
 Sample : L5159-28 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-14

Quant Time: Dec 23 03:47:54 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)

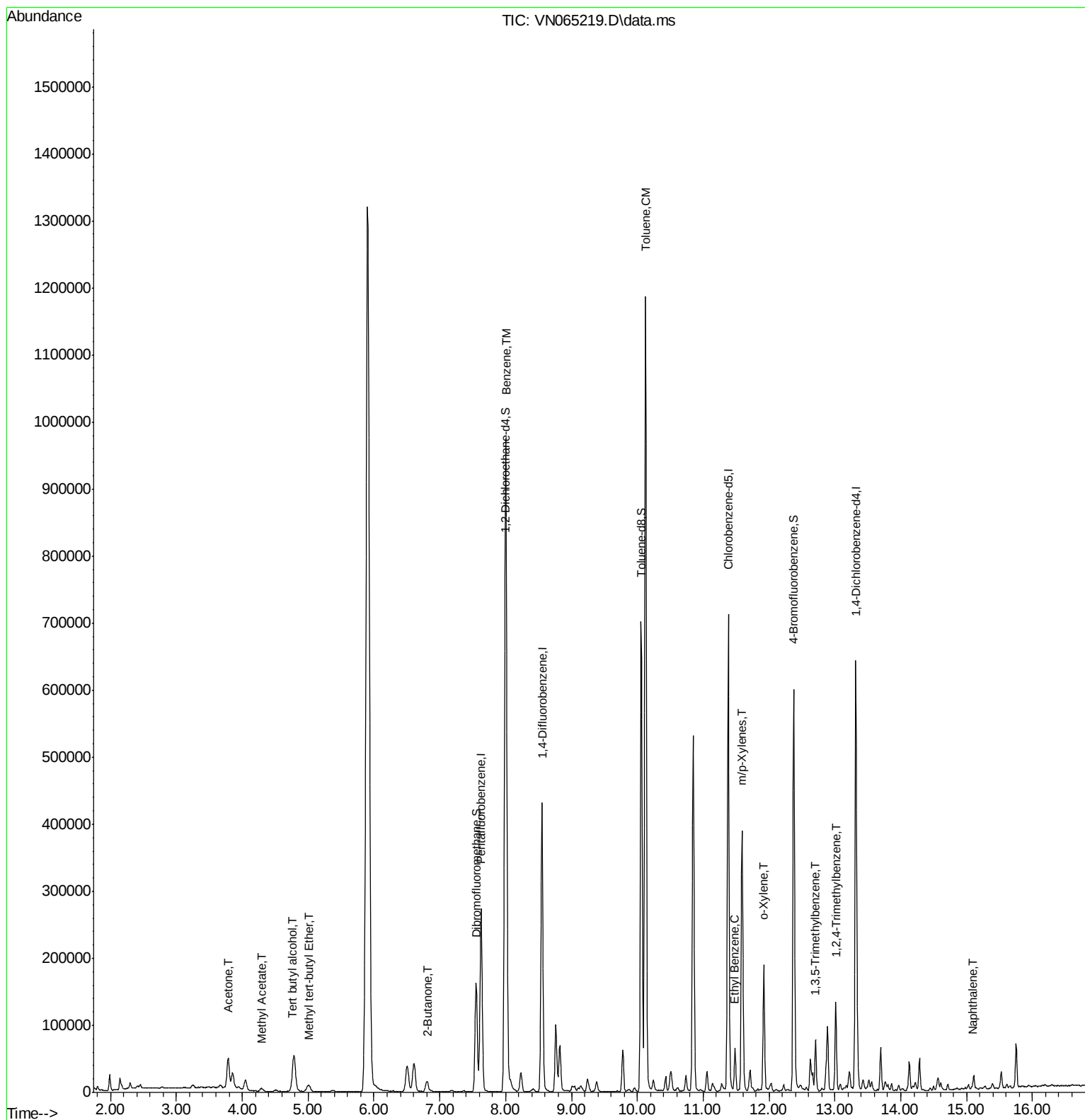
Internal Standards						
1) Pentafluorobenzene	7.627	168	240746	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	398980	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	413595	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	184759	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	144599	53.20	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.40%			
35) Dibromofluoromethane	7.553	113	124217	51.60	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 103.20%			
50) Toluene-d8	10.058	98	492318	54.57	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.14%			
62) 4-Bromofluorobenzene	12.376	95	200275	55.51	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 111.02%			
Target Compounds						
11) Tert butyl alcohol	4.769	59	25687	57.76	ug/l #	92
16) Acetone	3.785	43	73827	56.40	ug/l	98
18) Methyl Acetate	4.296	43	8845	3.62	ug/l	92
19) Methyl tert-butyl Ether	5.007	73	16573	2.21	ug/l	94
25) 2-Butanone	6.807	43	20050	13.14	ug/l	98
40) Benzene	8.003	78	912110	84.52	ug/l	97
52) Toluene	10.125	92	523535	76.97	ug/l	99
67) Ethyl Benzene	11.482	91	47607	3.14	ug/l	99
68) m/p-Xylenes	11.588	106	125994	22.05	ug/l	98
69) o-Xylene	11.920	106	51757	9.33	ug/l	95
80) 1,3,5-Trimethylbenzene	12.707	105	42193	3.52	ug/l	99
84) 1,2,4-Trimethylbenzene	13.013	105	75754	6.48	ug/l	100
95) Naphthalene	15.100	128	2390	3.60	ug/l #	83

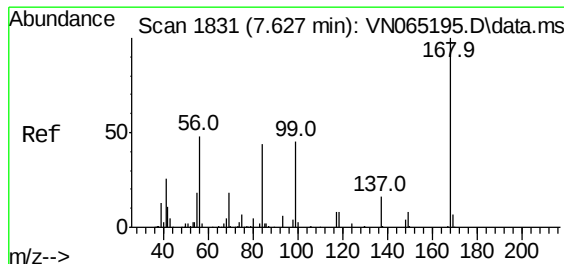
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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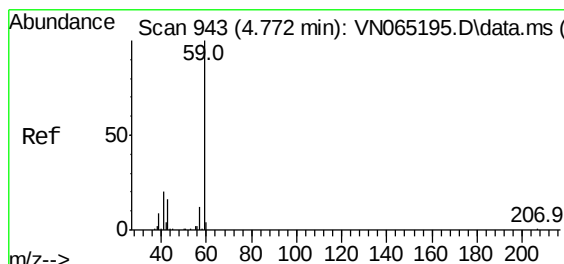
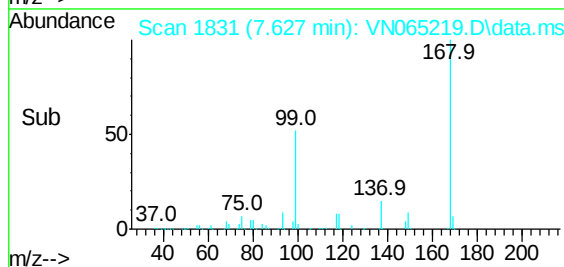
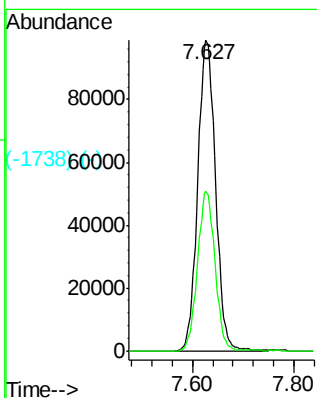
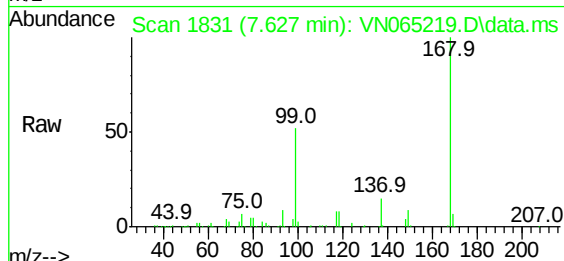




#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

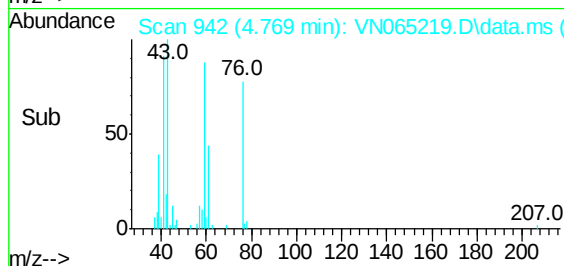
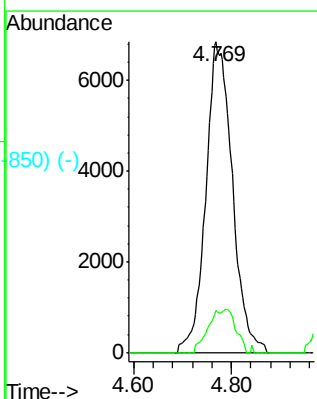
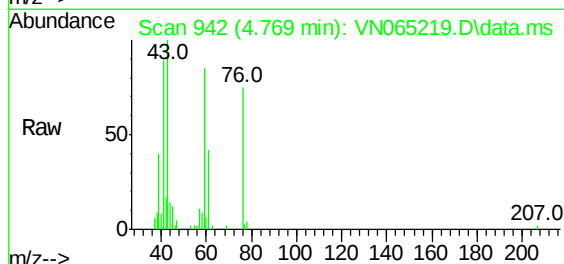
Instrument :
MSVOA_N
ClientSampled :
CGP-14

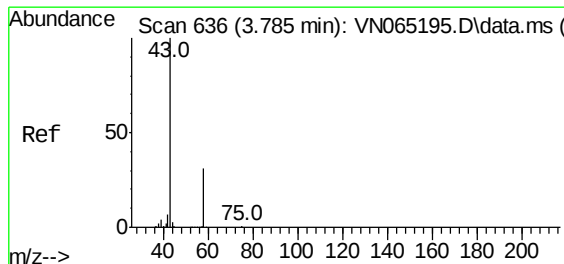
Tgt Ion:168 Resp: 240746
Ion Ratio Lower Upper
168 100
99 51.6 43.0 64.4



#11 (-)
Tert butyl alcohol
Concen: 57.76 ug/l
RT: 4.769 min Scan# 942
Delta R.T. -0.003 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion: 59 Resp: 25687
Ion Ratio Lower Upper
59 100
57 7.1 7.9 11.9#

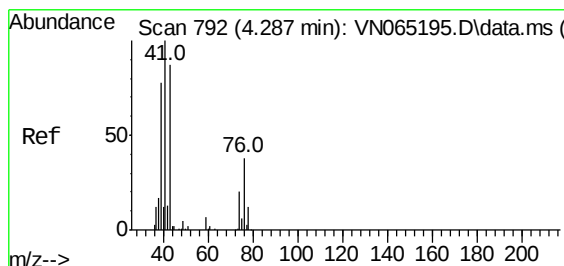
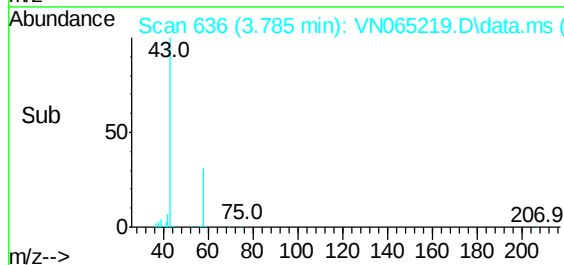
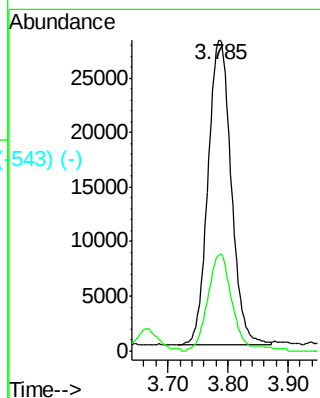
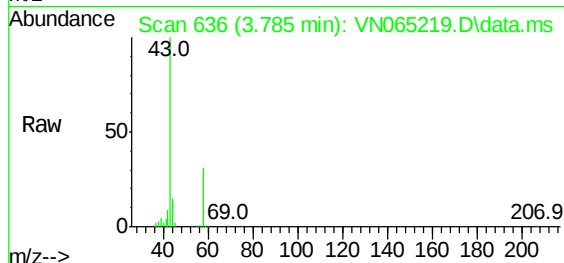




Acetone
Concen: 56.40 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

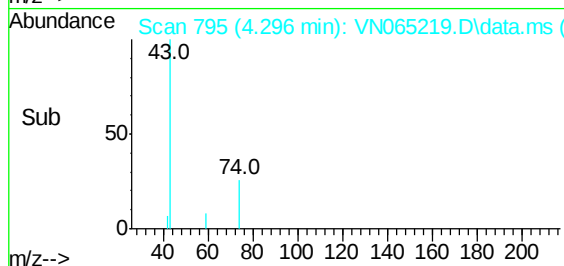
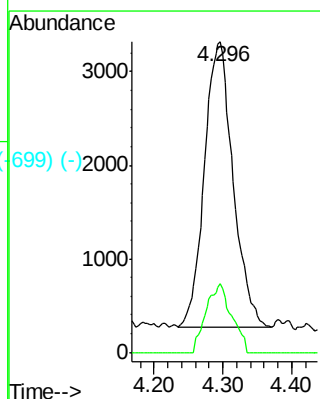
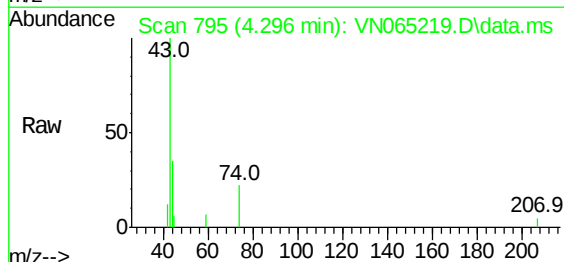
Instrument :
MSVOA_N
ClientSampleId :
CGP-14

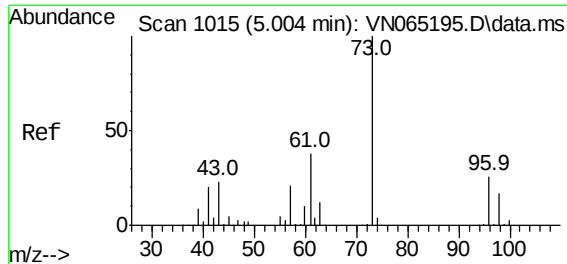
Tgt Ion: 43 Resp: 73827
Ion Ratio Lower Upper
43 100
58 30.8 25.7 38.5



Methyl Acetate
Concen: 3.62 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion: 43 Resp: 8845
Ion Ratio Lower Upper
43 100
74 21.1 20.2 30.2

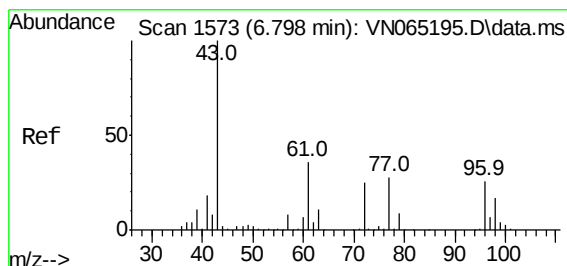
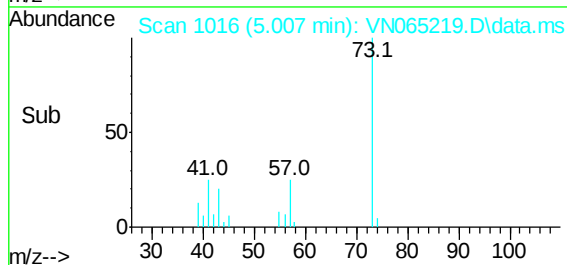
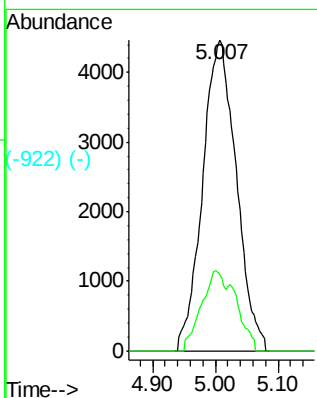
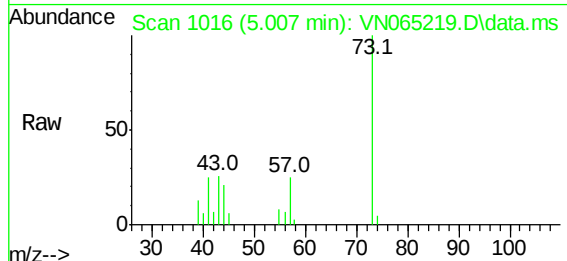




(-922) (-)
Methyl tert-butyl Ether
Concen: 2.21 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

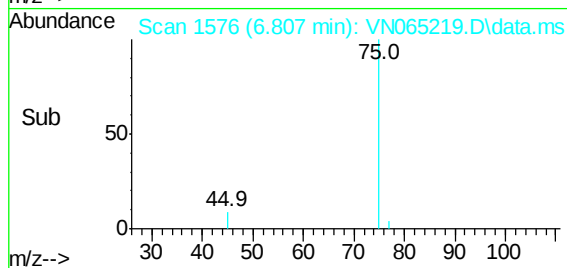
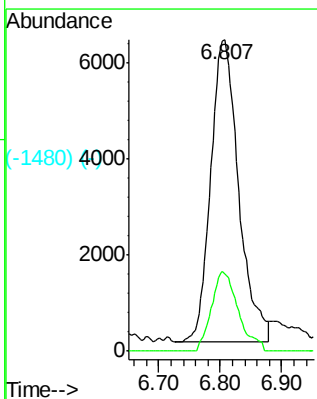
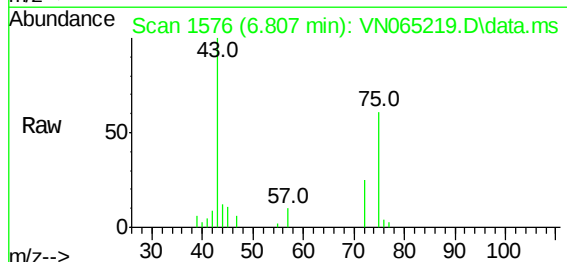
Instrument :
MSVOA_N
ClientSampleId :
CGP-14

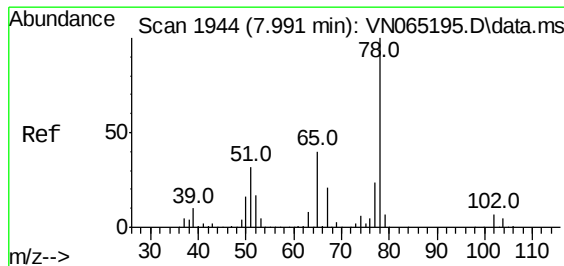
Tgt Ion: 73 Resp: 16573
Ion Ratio Lower Upper
73 100
57 24.7 17.4 26.0



(-1480) (-)
2-Butanone
Concen: 13.14 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion: 43 Resp: 20050
Ion Ratio Lower Upper
43 100
72 25.3 21.0 31.6

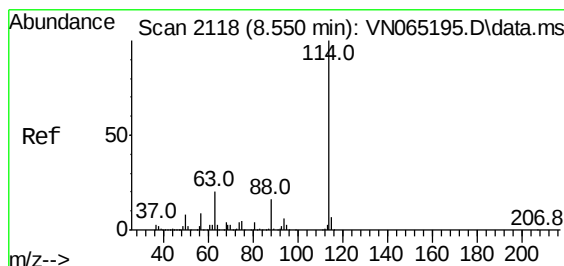
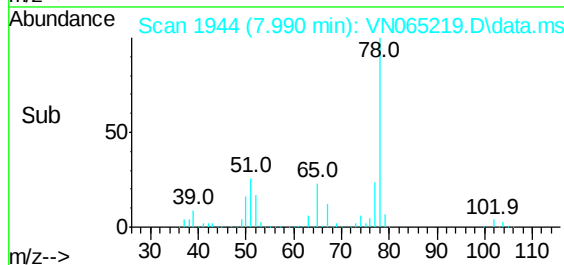
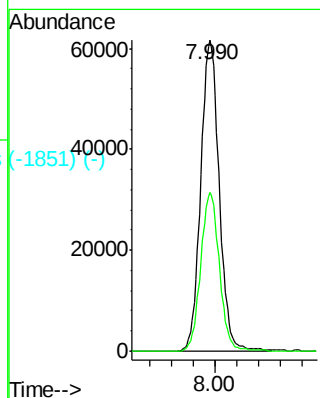
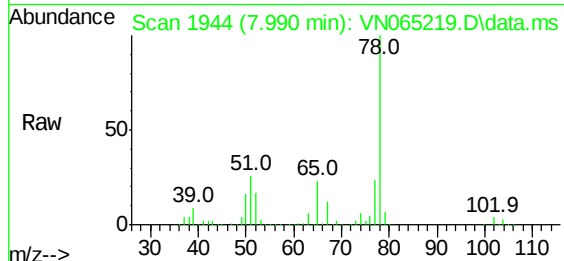




(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 53.20 ug/l
 RT: 7.990 min Scan# 1944
 Delta R.T. -0.001 min
 Lab File: VN065219.D
 Acq: 23 Dec 2020 00:43

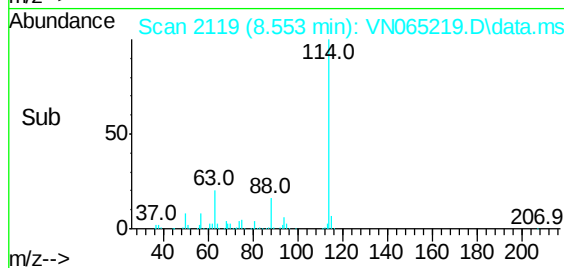
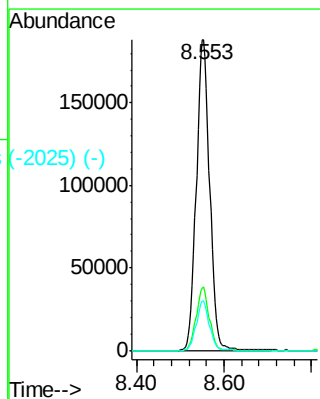
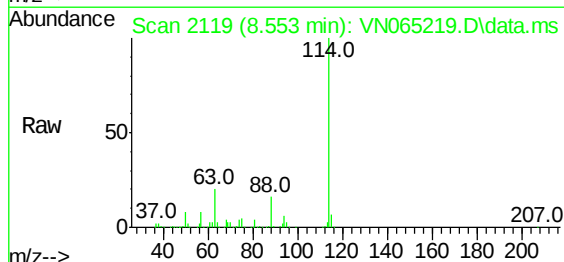
Instrument :
 MSVOA_N
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 CGP-14

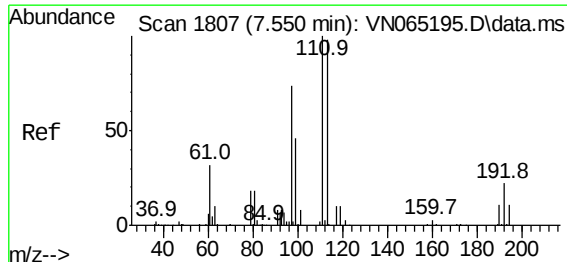
Tgt Ion: 65 Resp: 144599
 Ion Ratio Lower Upper
 65 100
 67 51.2 0.0 108.2



(-2301) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.553 min Scan# 2119
 Delta R.T. 0.003 min
 Lab File: VN065219.D
 Acq: 23 Dec 2020 00:43

Tgt Ion:114 Resp: 398980
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 38.6
 88 15.8 0.0 32.6

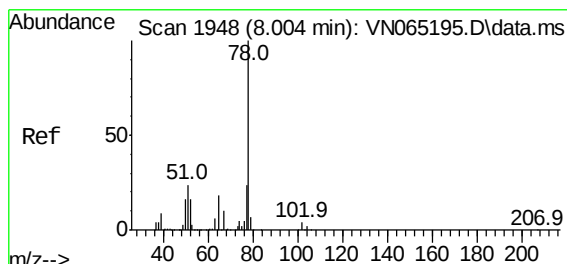
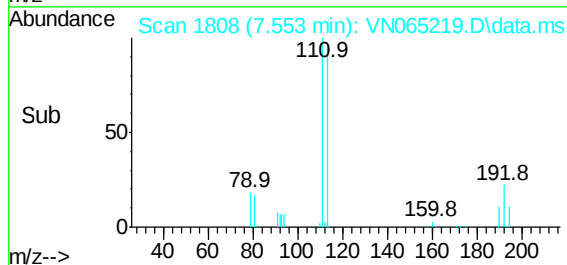
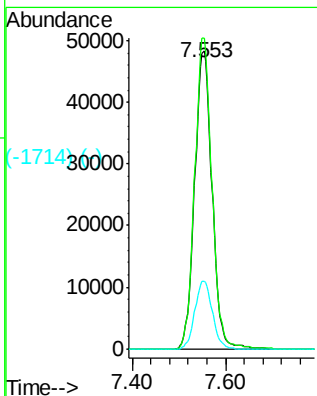
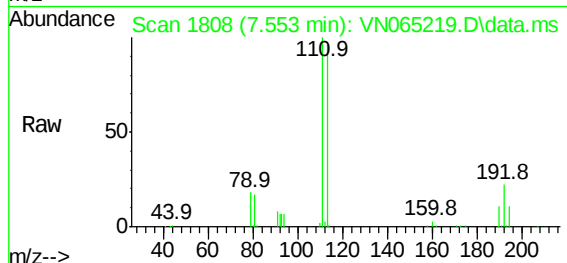




Dibromofluoromethane
Concen: 51.60 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

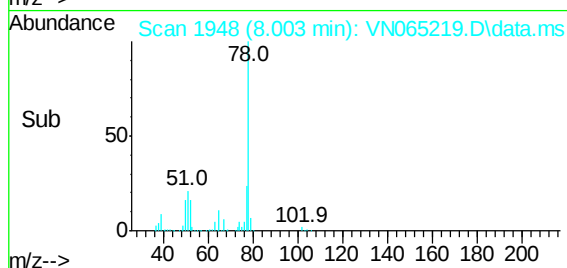
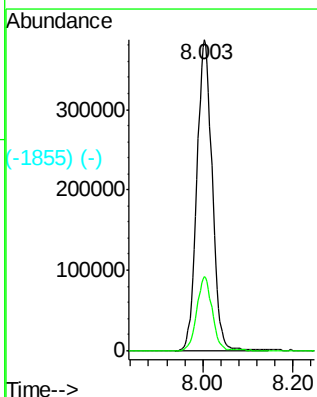
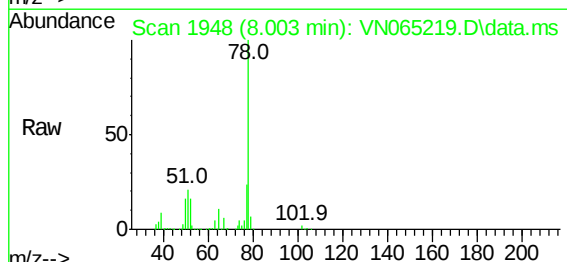
Instrument :
MSVOA_N
ClientSampled :
CGP-14

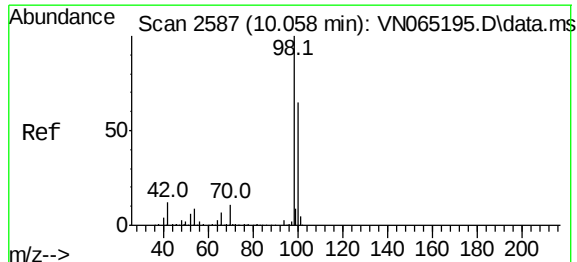
Tgt Ion:113 Resp: 124217
Ion Ratio Lower Upper
113 100
111 102.8 81.6 122.4
192 22.8 16.2 24.2



Benzene
Concen: 84.52 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion: 78 Resp: 912110
Ion Ratio Lower Upper
78 100
77 23.8 17.9 26.9

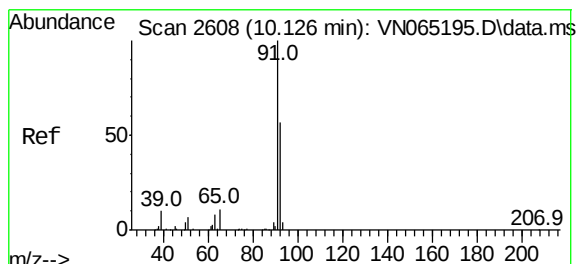
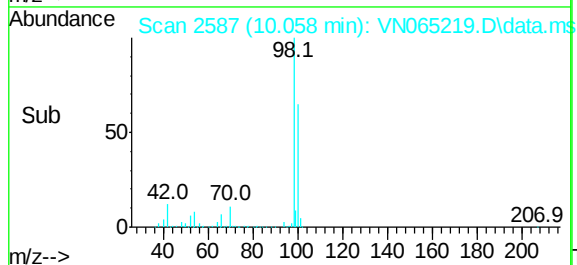
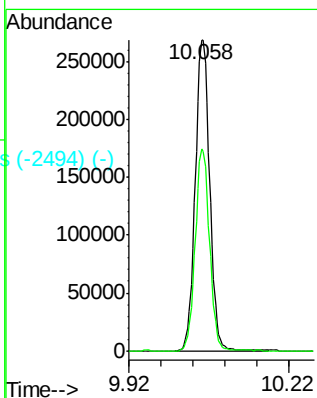
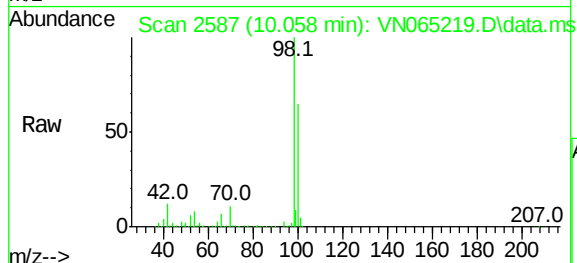




#591 (-)
Toluene-d8
Concen: 54.57 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

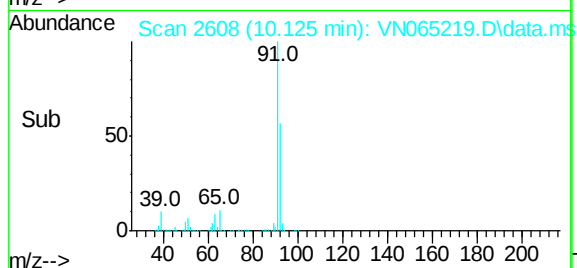
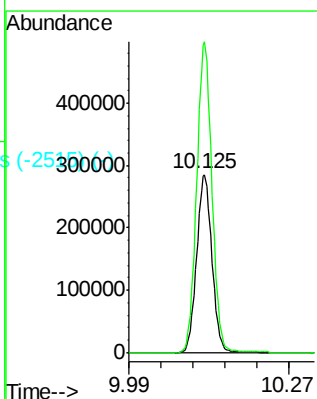
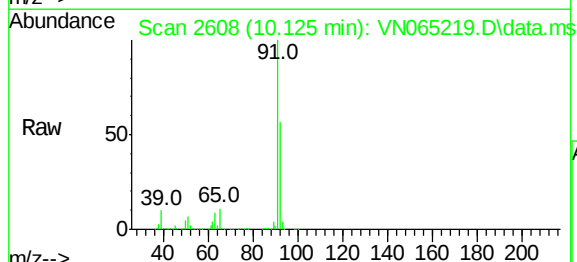
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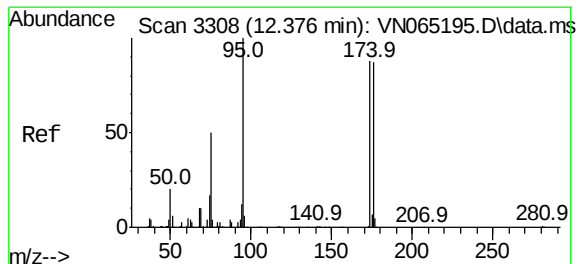
Tgt Ion: 98 Resp: 492318
Ion Ratio Lower Upper
98 100
100 64.2 51.7 77.5



#592 (-)
Toluene
Concen: 76.97 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion: 92 Resp: 523535
Ion Ratio Lower Upper
92 100
91 174.7 139.1 208.7

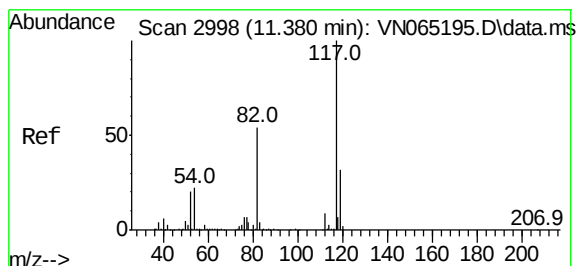
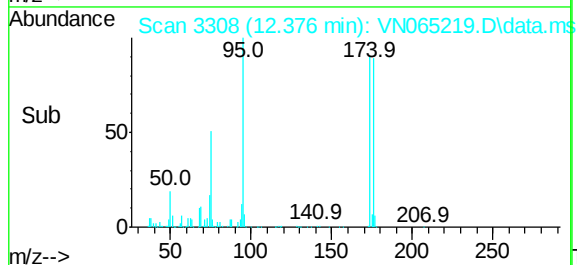
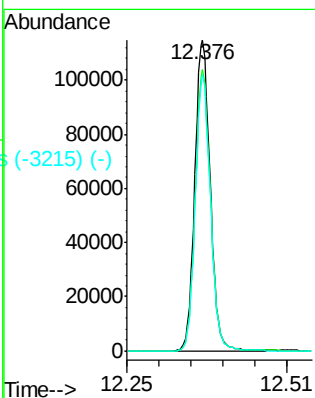
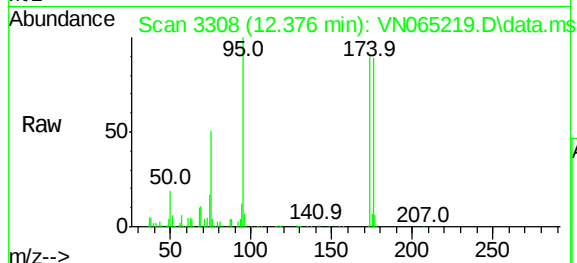




#6294 (-)
4-Bromofluorobenzene
Concen: 55.51 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

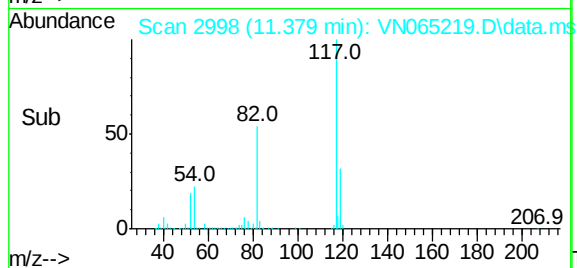
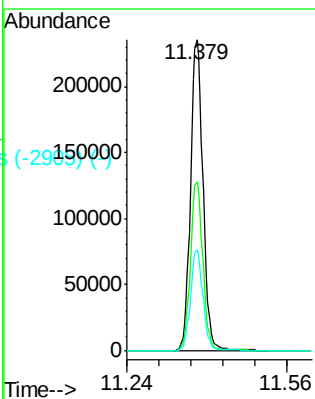
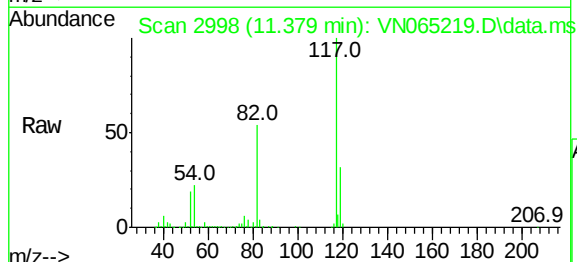
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ClientSampleId :
CGP-14

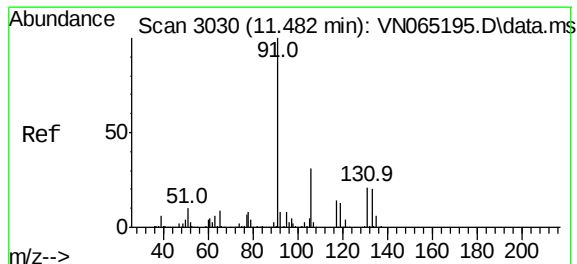
Tgt Ion:	95	Resp:	200275
Ion Ratio	Lower	Upper	
95	100		
174	89.3	0.0	160.4
176	87.1	0.0	158.4



#6293 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion:	117	Resp:	413595
Ion Ratio	Lower	Upper	
117	100		
82	54.3	44.2	66.2
119	32.3	25.8	38.6

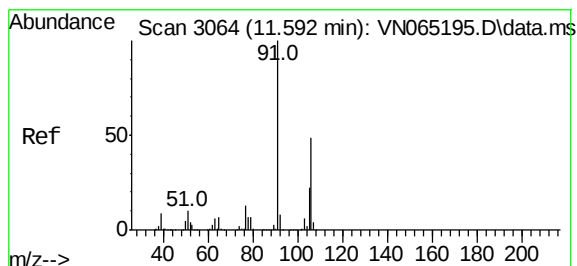
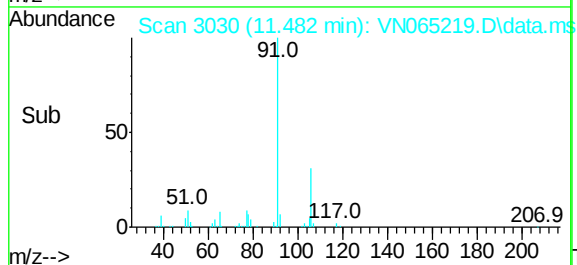
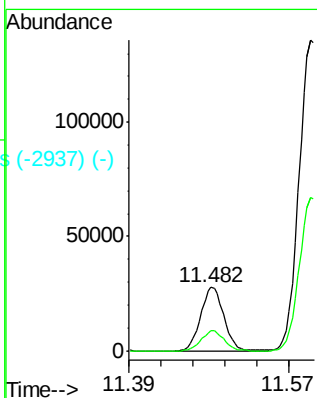
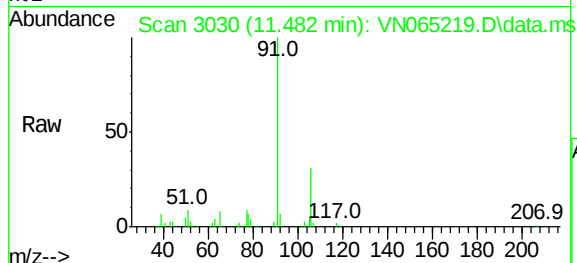




#6715 (-)
Ethyl Benzene
Concen: 3.14 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

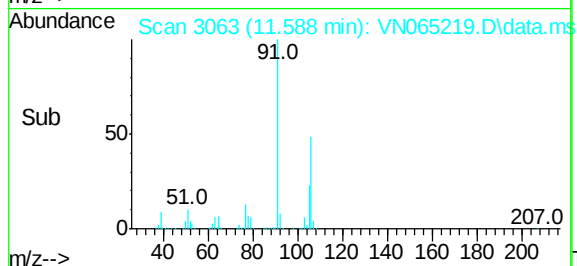
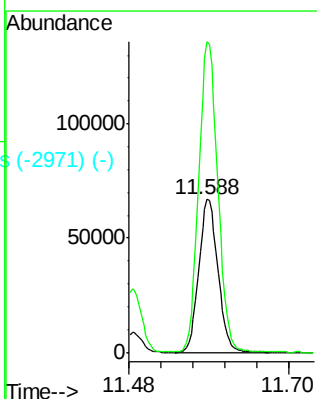
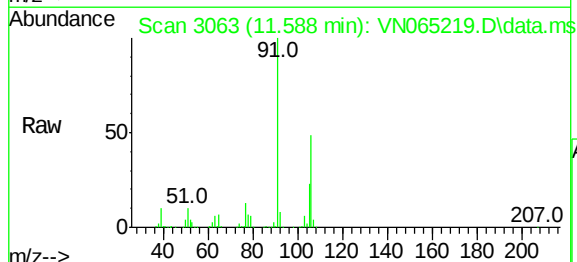
Instrument :
MSVOA_N
ClientSampled :
CGP-14

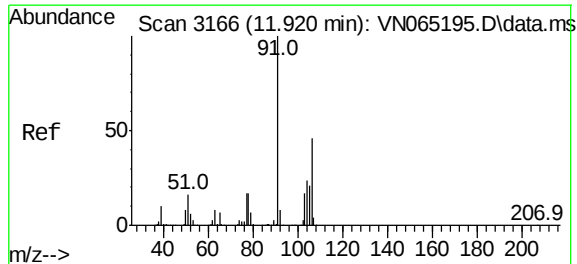
Tgt Ion: 91 Resp: 47607
Ion Ratio Lower Upper
91 100
106 30.8 25.2 37.8



#6048 (-)
m/p-Xylenes
Concen: 22.05 ug/l
RT: 11.588 min Scan# 3063
Delta R.T. -0.004 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion:106 Resp: 125994
Ion Ratio Lower Upper
106 100
91 204.9 161.0 241.4

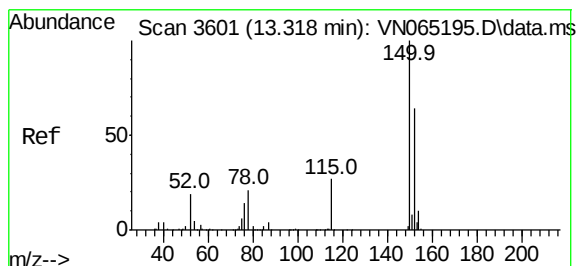
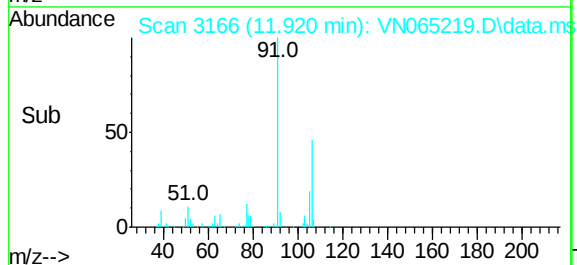
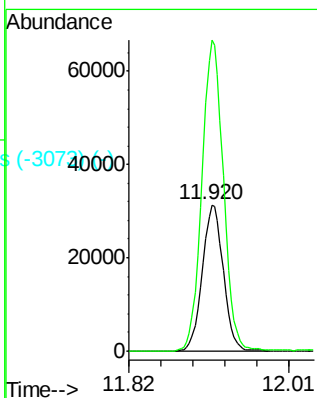
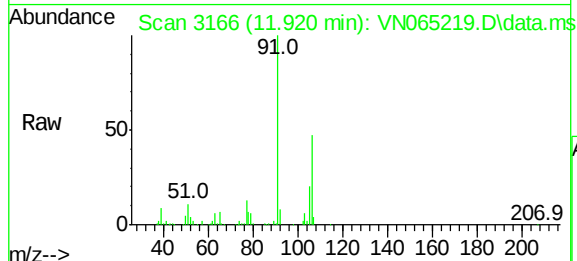




#6952 (-)
o-Xylene
Concen: 9.33 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

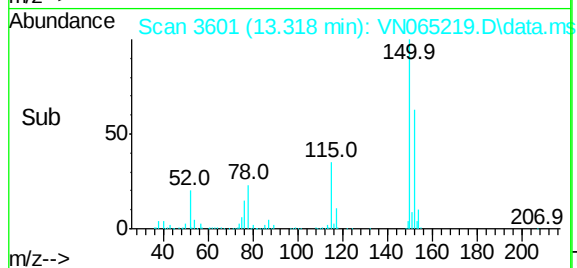
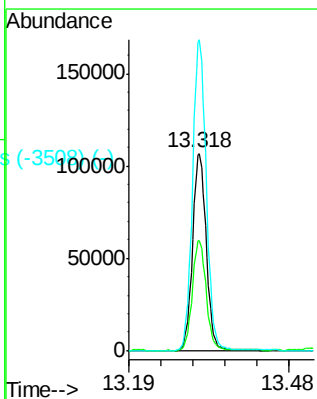
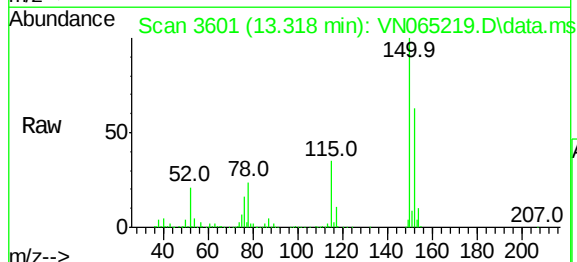
Instrument :
MSVOA_N
ClientSampleId :
CGP-14

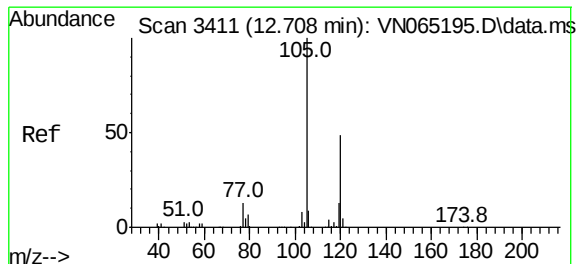
Tgt Ion:106 Resp: 51757
Ion Ratio Lower Upper
106 100
91 218.8 105.5 316.5



#7387 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065219.D
Acq: 23 Dec 2020 00:43

Tgt Ion:152 Resp: 184759
Ion Ratio Lower Upper
152 100
115 56.5 29.7 89.1
150 158.9 0.0 350.6

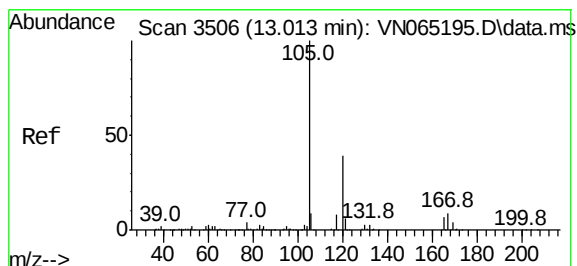
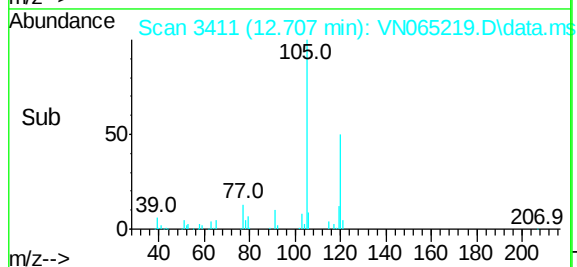
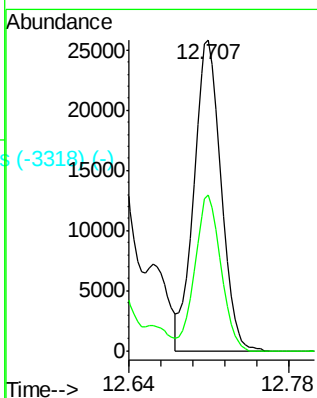
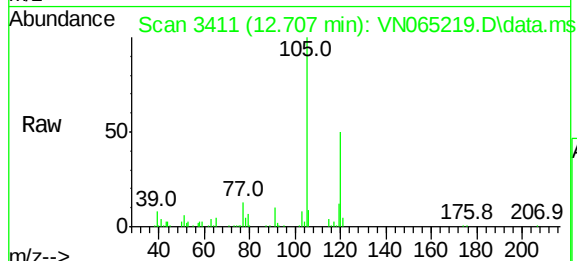




#894 (-)
 1,3,5-Trimethylbenzene
 Concen: 3.52 ug/l
 RT: 12.707 min Scan# 3411
 Delta R.T. -0.001 min
 Lab File: VN065219.D
 Acq: 23 Dec 2020 00:43

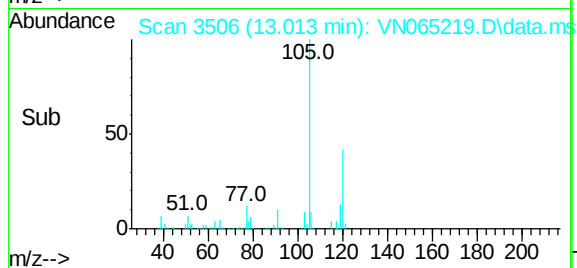
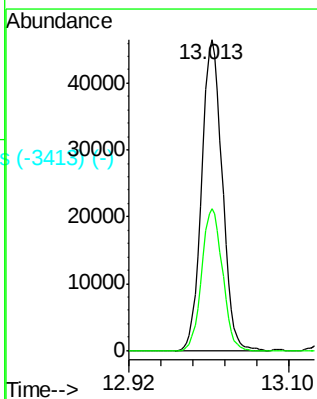
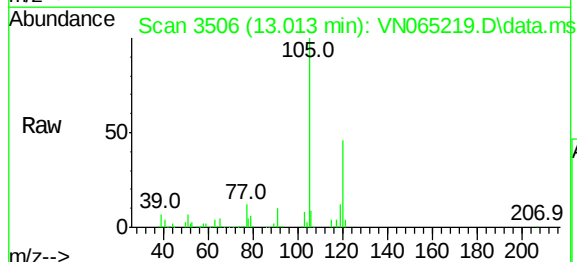
Instrument :
 MSVOA_N
 ClientSampled :
 CGP-14

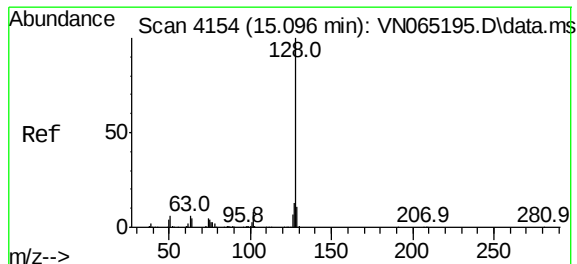
Tgt Ion:105 Resp: 42193
 Ion Ratio Lower Upper
 105 100
 120 48.4 24.6 73.6



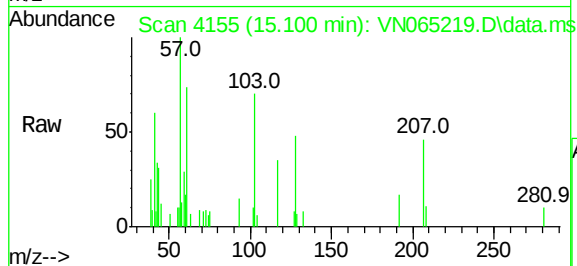
#844 (-)
 1,2,4-Trimethylbenzene
 Concen: 6.48 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065219.D
 Acq: 23 Dec 2020 00:43

Tgt Ion:105 Resp: 75754
 Ion Ratio Lower Upper
 105 100
 120 45.9 23.1 69.2





Instrument :
MSVOA_N
ClientSampleId :
CGP-14



Tgt Ion:128 Resp: 2390

Ion	Ratio	Lower	Upper
128	100		
127	4.7	10.3	15.5#
129	6.5	8.7	13.1#

