

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065207.D
 Acq On : 22 Dec 2020 19:45
 Operator : JC/MD
 Sample : L5159-04DL 100X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-2DL

Quant Time: Dec 23 03:42:25 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)

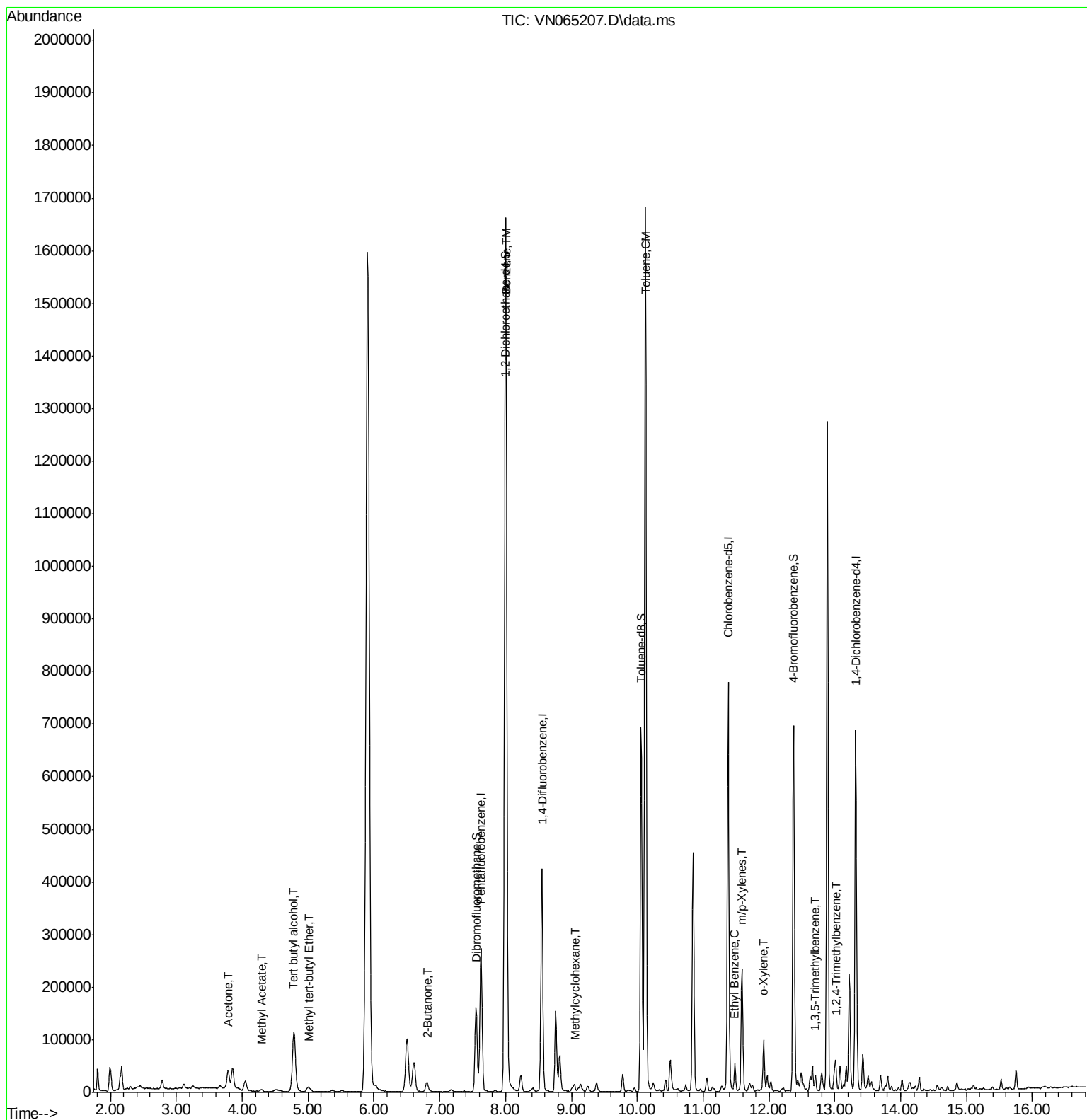
Internal Standards						
1) Pentafluorobenzene	7.627	168	235999	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	388193	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	410494	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	193403	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.991	65	139099	52.21	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.42%			
35) Dibromofluoromethane	7.553	113	122632	52.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.72%			
50) Toluene-d8	10.058	98	484742	55.22	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 110.44%			
62) 4-Bromofluorobenzene	12.376	95	205263	58.20	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 116.40%			
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.779	59	29347	67.32	ug/l #	78
16) Acetone	3.785	43	54126	39.35	ug/l	99
18) Methyl Acetate	4.293	43	6561	2.74	ug/l	93
19) Methyl tert-butyl Ether	5.007	73	12468	1.69	ug/l #	65
25) 2-Butanone	6.807	43	18942	12.66	ug/l	95
39) Methylcyclohexane	9.048	83	6270	1.48	ug/l	96
40) Benzene	8.003	78	1671239	159.16	ug/l	97
52) Toluene	10.122	92	738762	111.63	ug/l	100
67) Ethyl Benzene	11.482	91	37362	2.48	ug/l	100
68) m/p-Xylenes	11.589	106	74867	13.20	ug/l	100
69) o-Xylene	11.920	106	26416	4.80	ug/l	96
80) 1,3,5-Trimethylbenzene	12.707	105	16250	1.29	ug/l	97
84) 1,2,4-Trimethylbenzene	13.013	105	30467	2.49	ug/l	98

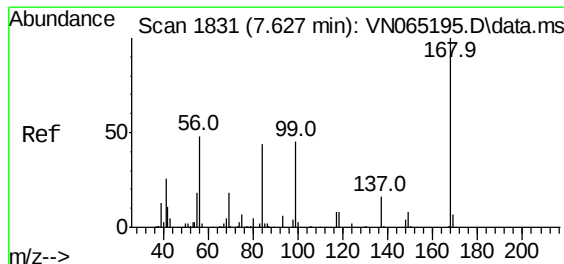
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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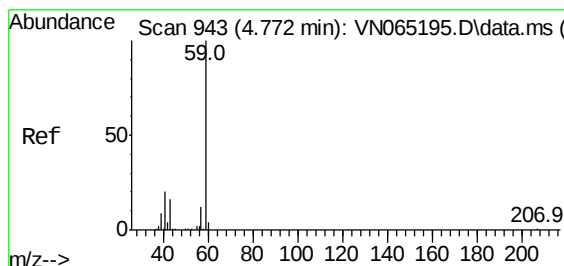
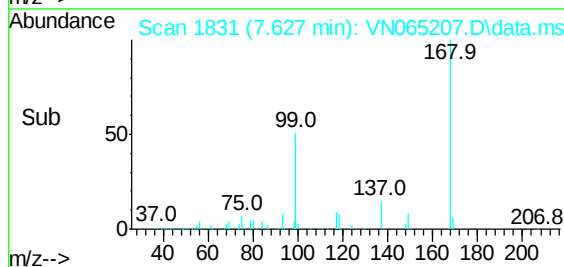
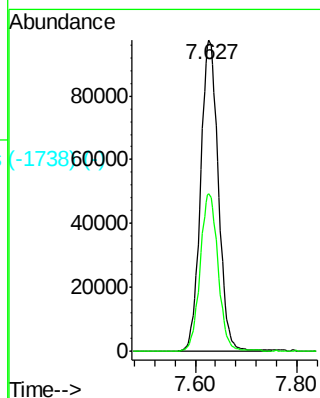
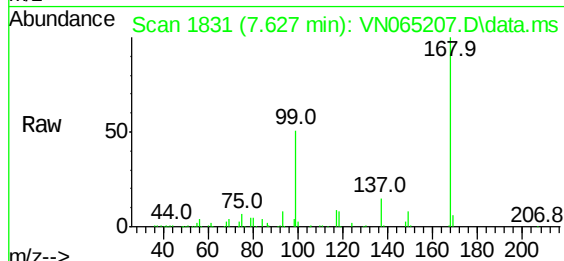




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

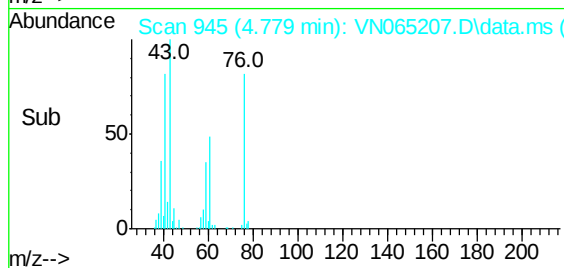
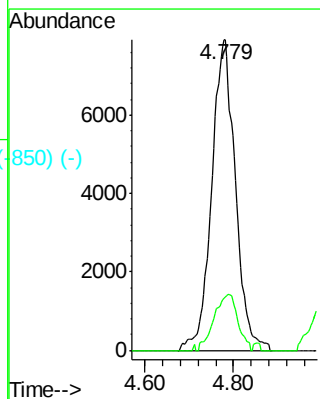
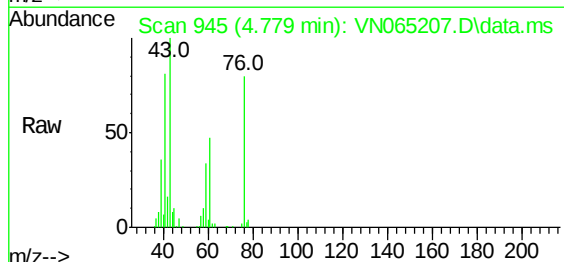
Instrument :
MSVOA_N
ClientSampled :
CGP-2DL

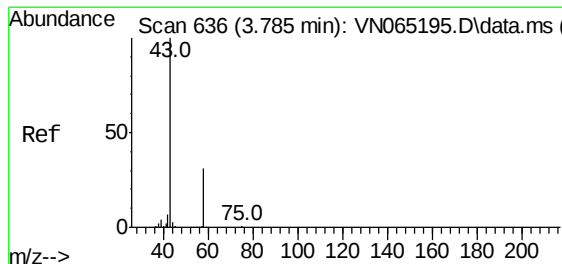
Tgt Ion:168 Resp: 235999
Ion Ratio Lower Upper
168 100
99 50.7 43.0 64.4



Tert butyl alcohol
Concen: 67.32 ug/l
RT: 4.779 min Scan# 945
Delta R.T. 0.007 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion: 59 Resp: 29347
Ion Ratio Lower Upper
59 100
57 18.0 7.9 11.9#

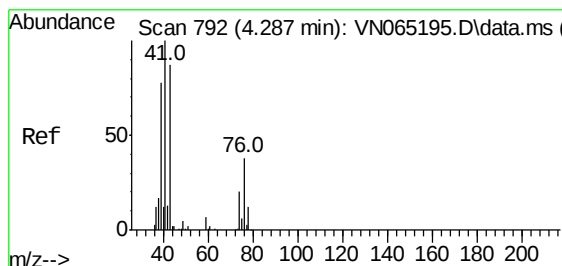
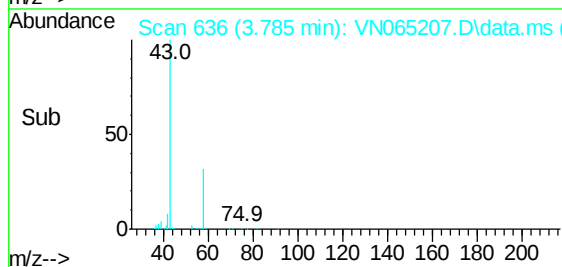
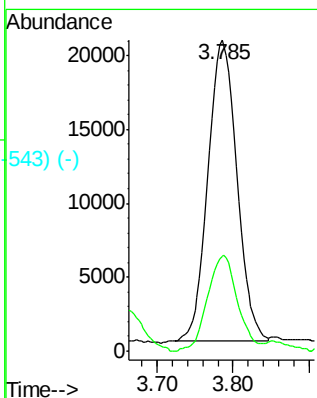
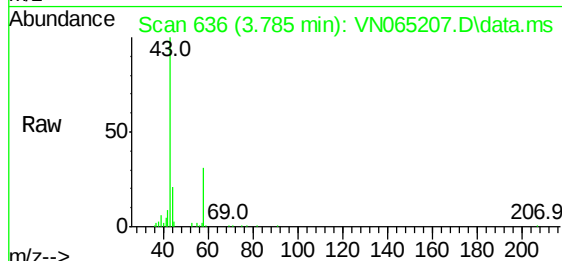




Acetone
Concen: 39.35 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

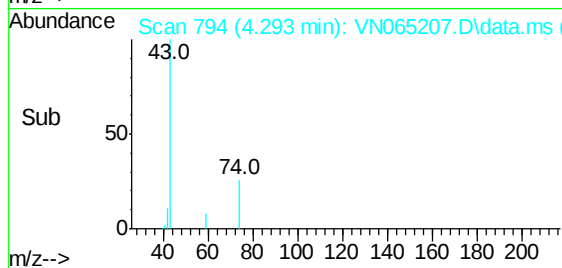
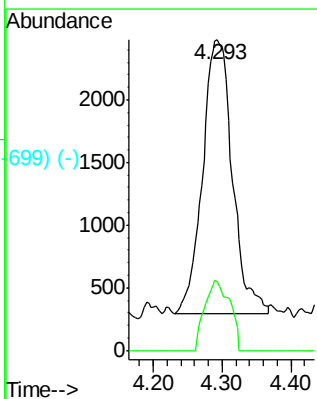
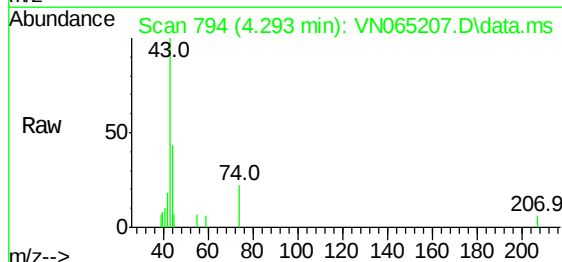
Instrument :
MSVOA_N
ClientSampleId :
CGP-2DL

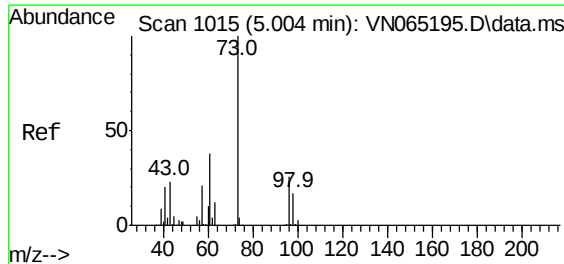
Tgt Ion: 43 Resp: 54126
Ion Ratio Lower Upper
43 100
58 31.6 25.7 38.5



Methyl Acetate
Concen: 2.74 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion: 43 Resp: 6561
Ion Ratio Lower Upper
43 100
74 21.6 20.2 30.2

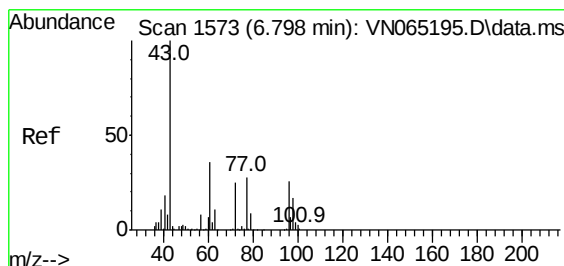
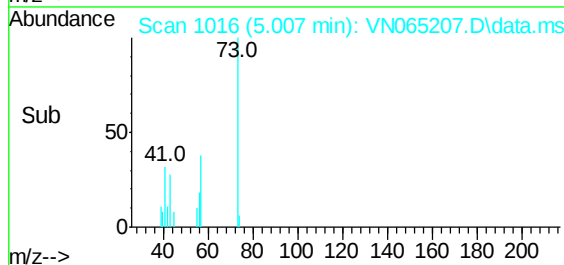
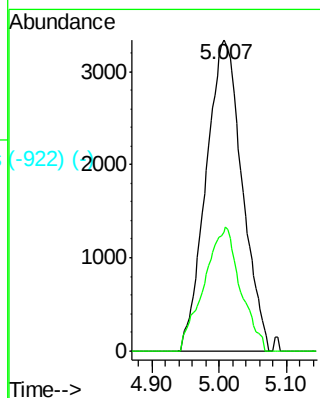
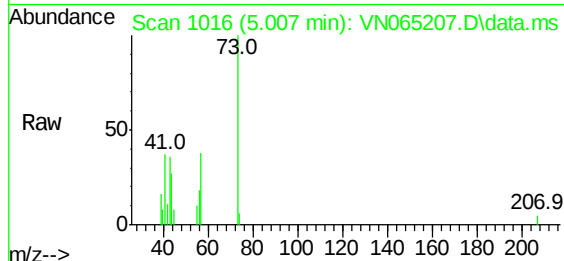




(-922) (-)
Methyl tert-butyl Ether
Concen: 1.69 ug/l
RT: 5.007 min Scan# 1016
Delta R.T. 0.003 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

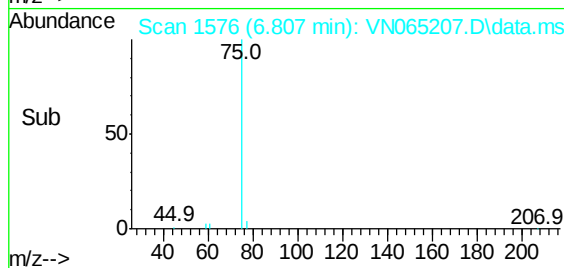
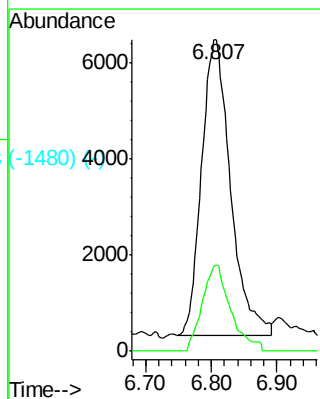
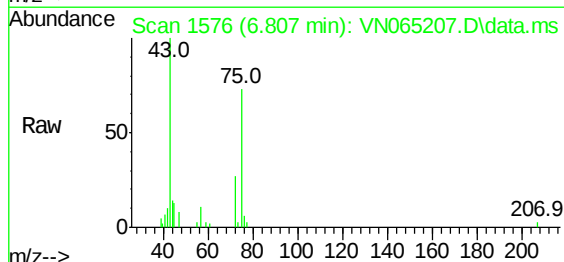
Instrument :
MSVOA_N
ClientSampleId :
CGP-2DL

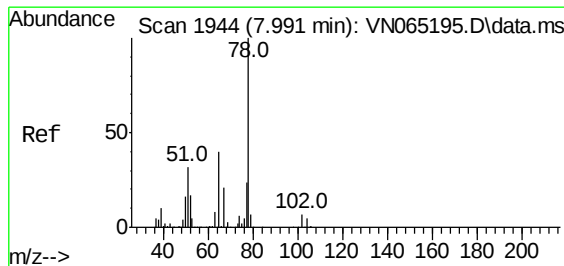
Tgt Ion: 73 Resp: 12468
Ion Ratio Lower Upper
73 100
57 38.2 17.4 26.0#



(-1480) (-)
2-Butanone
Concen: 12.66 ug/l
RT: 6.807 min Scan# 1576
Delta R.T. 0.009 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion: 43 Resp: 18942
Ion Ratio Lower Upper
43 100
72 28.9 21.0 31.6

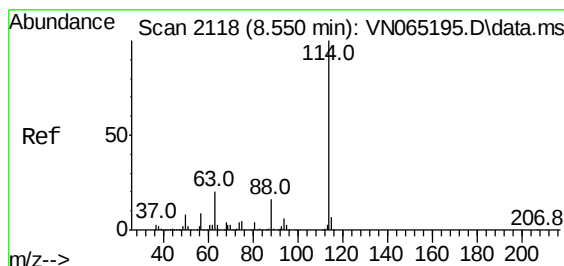
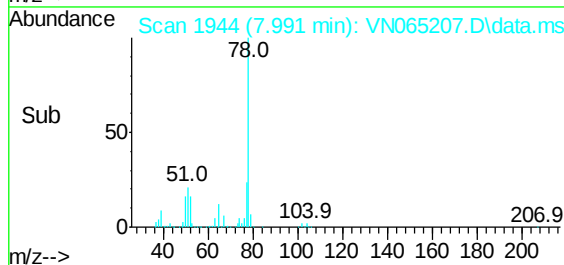
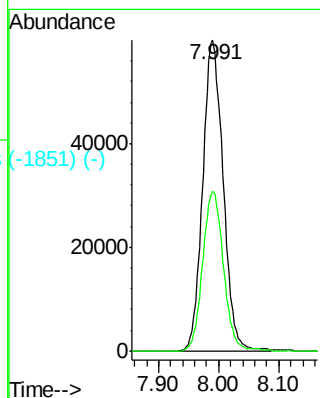
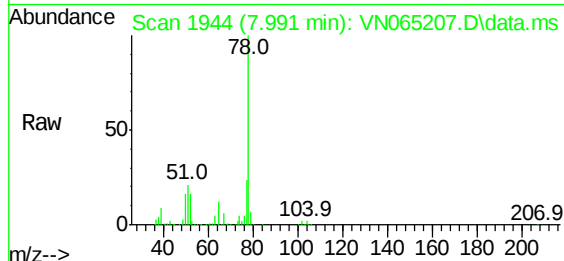




(-1926) (-)
 1,2-Dichloroethane-d4
 Concen: 52.21 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065207.D
 Acq: 22 Dec 2020 19:45

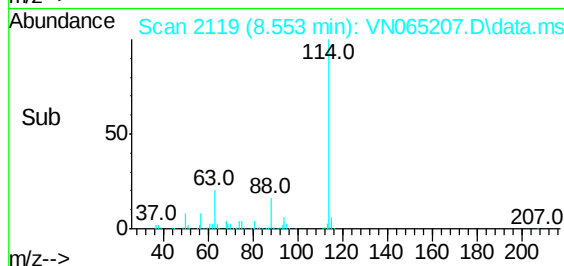
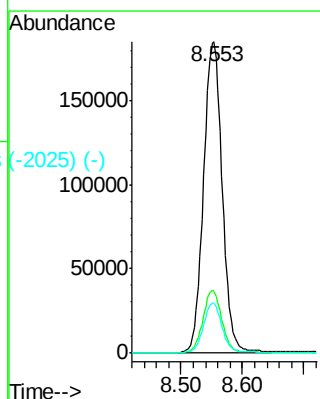
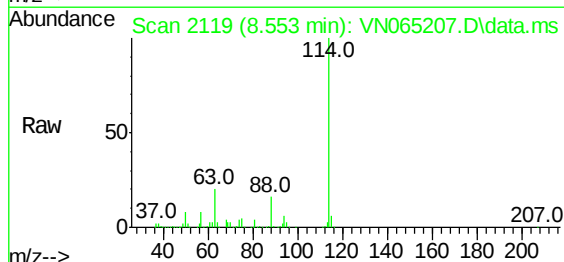
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-2DL

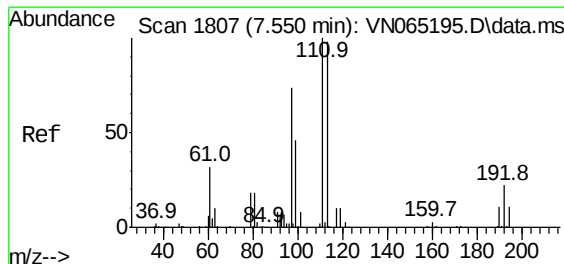
Tgt Ion: 65 Resp: 139099
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 108.2



(-2301) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.553 min Scan# 2119
 Delta R.T. 0.003 min
 Lab File: VN065207.D
 Acq: 22 Dec 2020 19:45

Tgt Ion:114 Resp: 388193
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.8 0.0 32.6

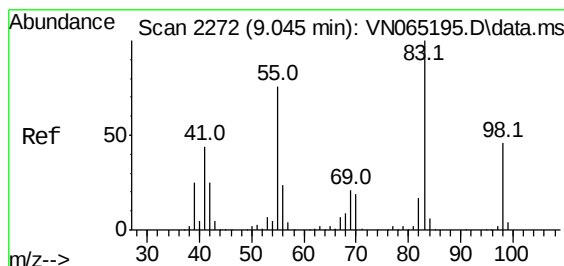
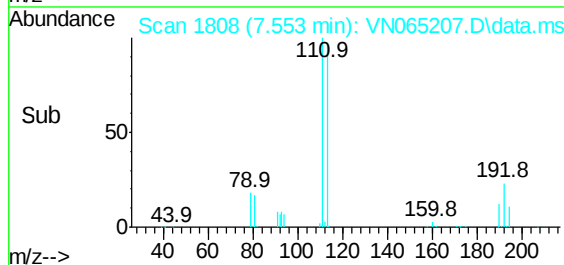
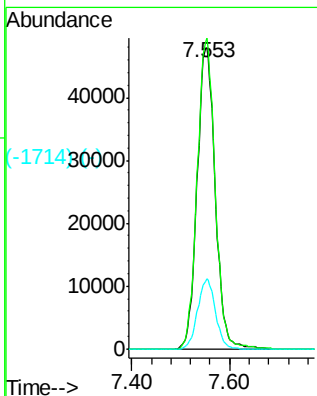
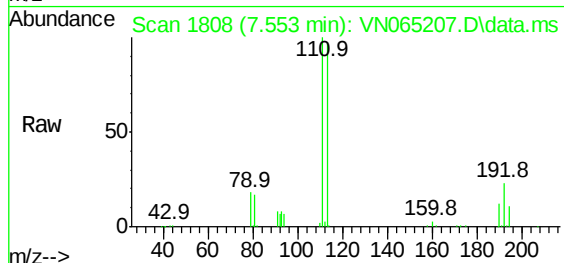




#358 (-)
Dibromofluoromethane
Concen: 52.36 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

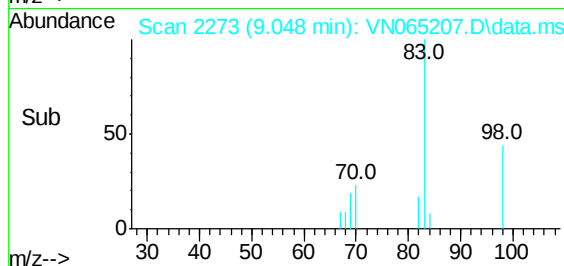
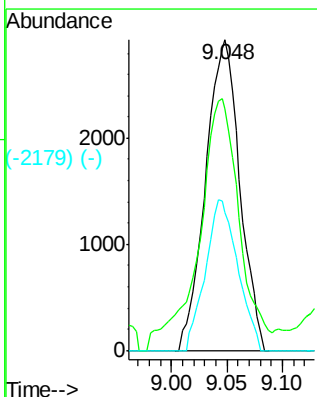
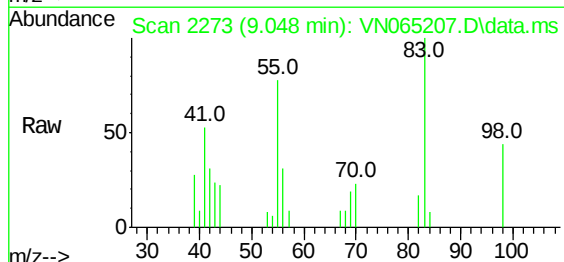
Instrument :
MSVOA_N
ClientSampleId :
CGP-2DL

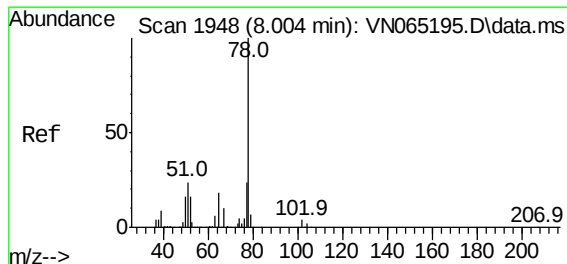
Tgt Ion:113 Resp: 122632
Ion Ratio Lower Upper
113 100
111 102.0 81.6 122.4
192 22.7 16.2 24.2



#295 (-)
Methylcyclohexane
Concen: 1.48 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion: 83 Resp: 6270
Ion Ratio Lower Upper
83 100
55 71.4 60.2 90.2
98 44.4 37.4 56.2

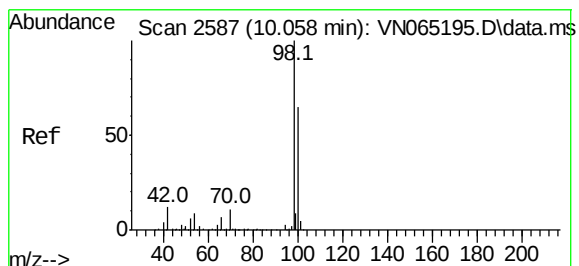
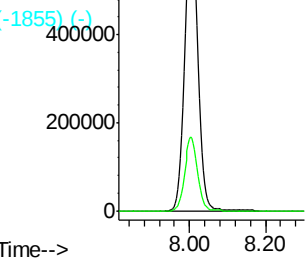
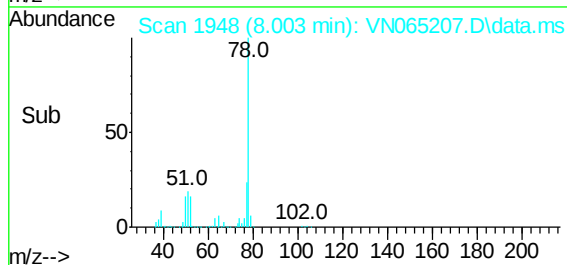
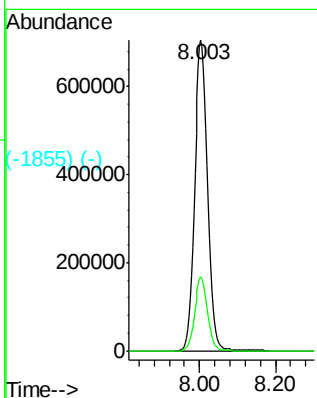
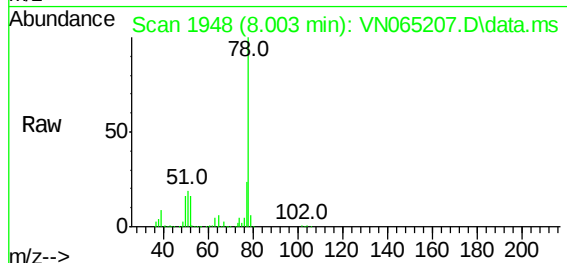




#498 (-)
Benzene
Concen: 159.16 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

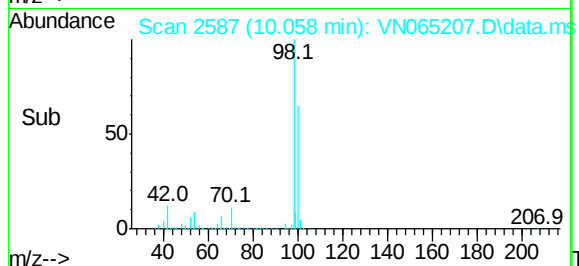
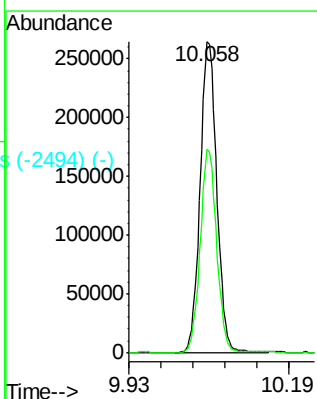
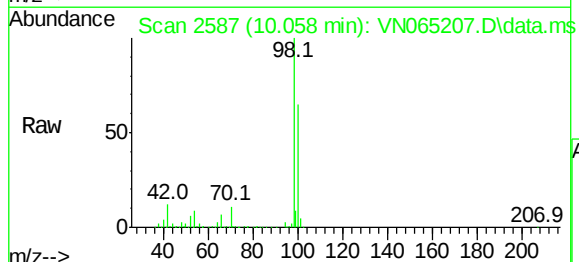
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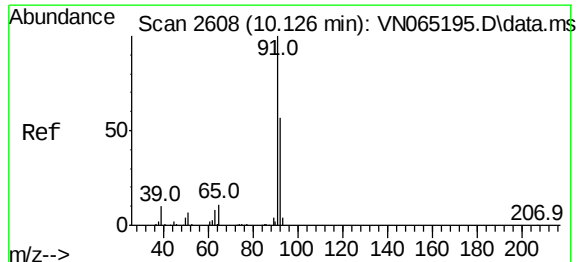
Tgt Ion: 78 Resp: 1671239
Ion Ratio Lower Upper
78 100
77 23.8 17.9 26.9



#5971 (-)
Toluene-d8
Concen: 55.22 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion: 98 Resp: 484742
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5

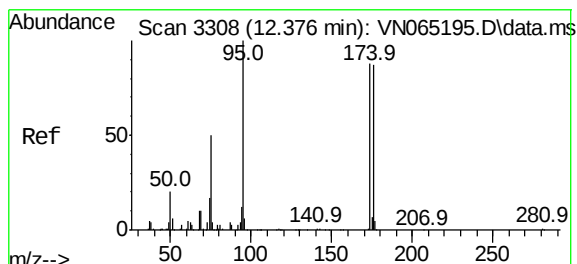
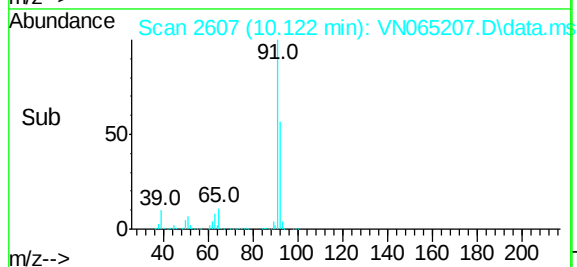
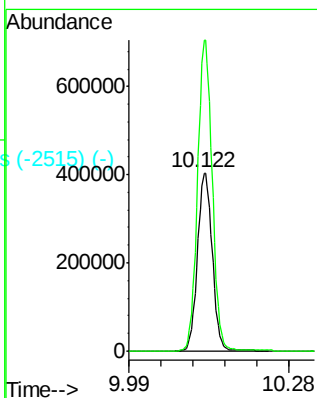
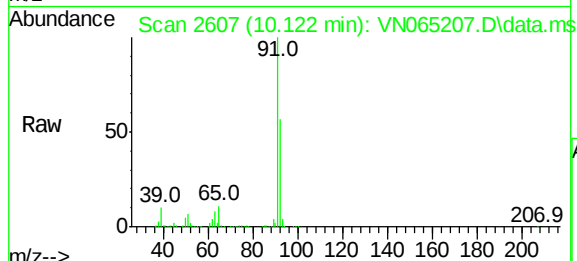




#592 (-)
Toluene
Concen: 111.63 ug/l
RT: 10.122 min Scan# 2607
Delta R.T. -0.004 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

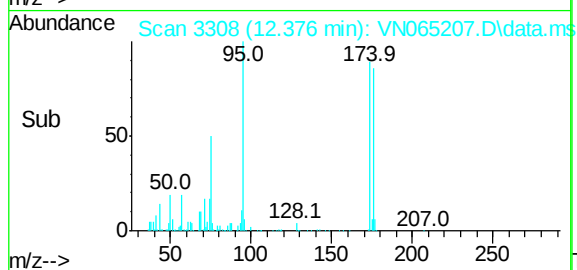
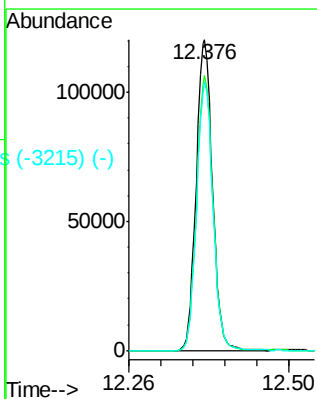
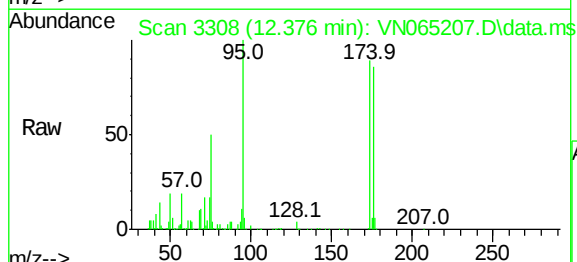
Instrument :
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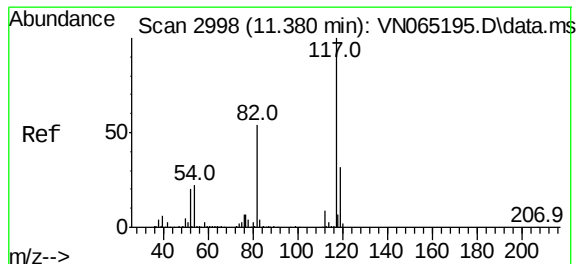
Tgt Ion: 92 Resp: 738762
Ion Ratio Lower Upper
92 100
91 173.7 139.1 208.7



#624 (-)
4-Bromofluorobenzene
Concen: 58.20 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion: 95 Resp: 205263
Ion Ratio Lower Upper
95 100
174 88.9 0.0 160.4
176 86.5 0.0 158.4

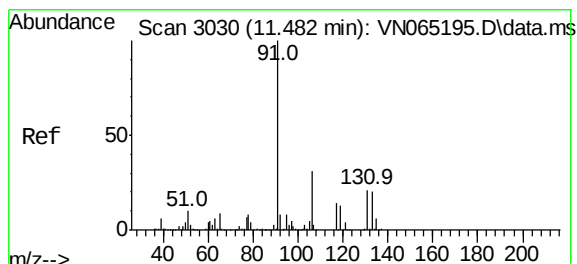
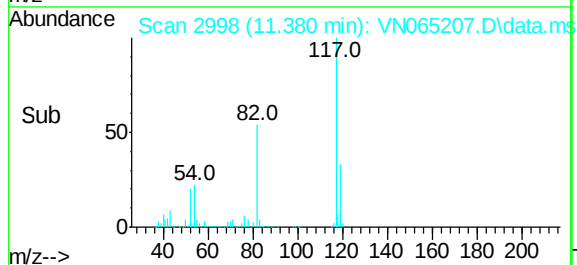
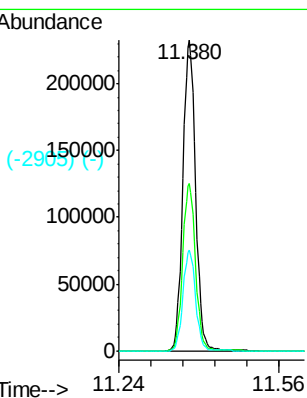
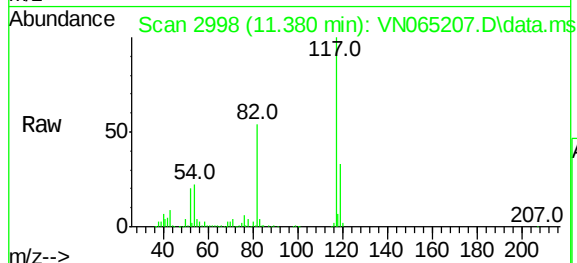




#693 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

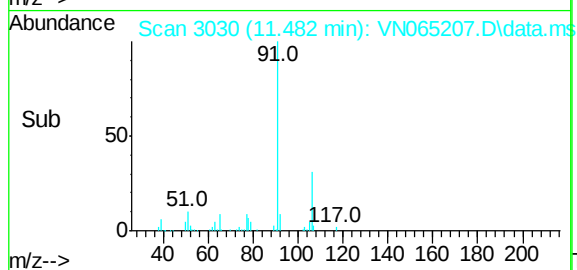
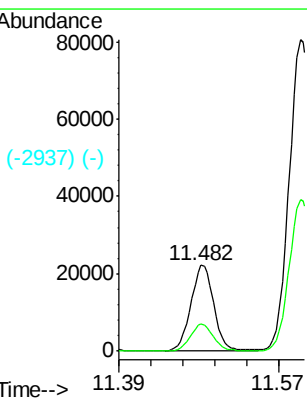
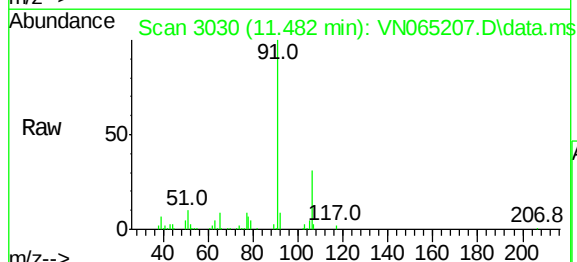
Instrument :
MSVOA_N
ClientSampled :
CGP-2DL

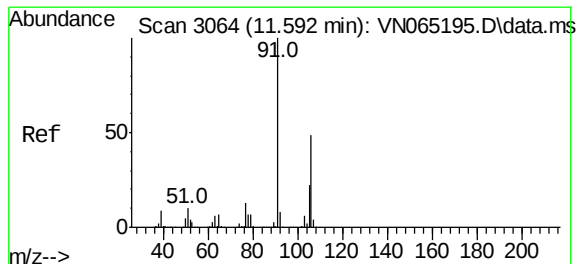
Tgt Ion:	117	Resp:	410494
Ion Ratio	Lower	Upper	
117	100		
82	54.0	44.2	66.2
119	32.6	25.8	38.6



#6715 (-)
Ethyl Benzene
Concen: 2.48 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion:	91	Resp:	37362
Ion Ratio	Lower	Upper	
91	100		
106	31.4	25.2	37.8

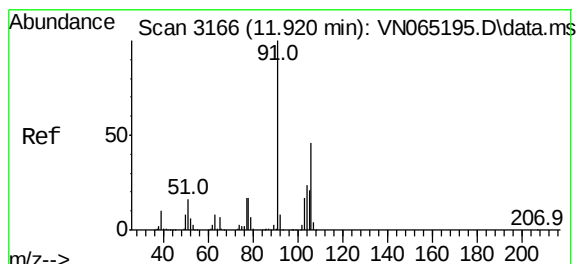
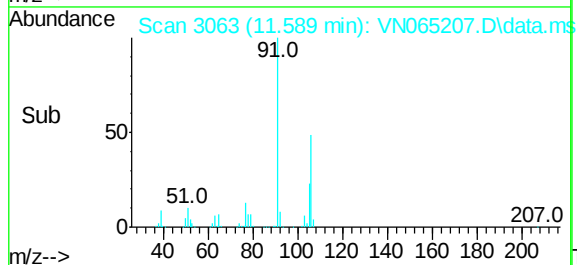
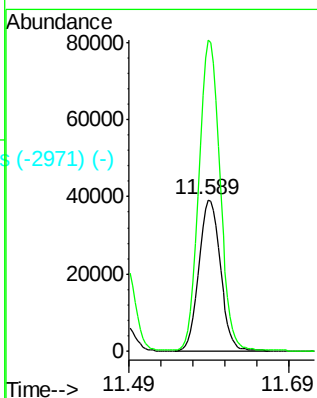
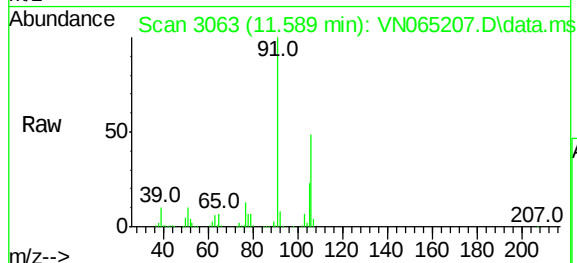




#6048 (-)
m/p-Xylenes
Concen: 13.20 ug/l
RT: 11.589 min Scan# 3063
Delta R.T. -0.003 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

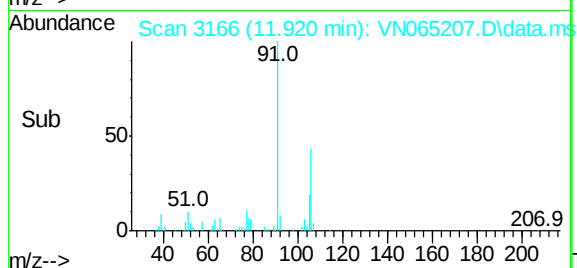
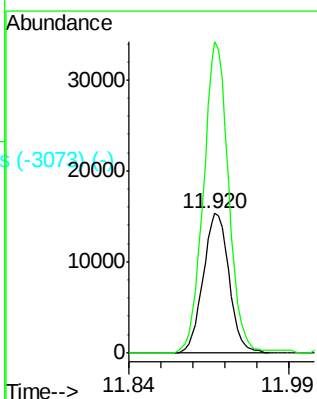
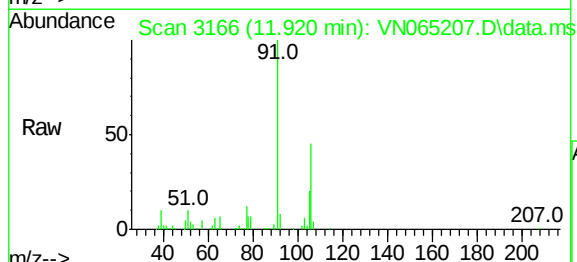
Instrument :
MSVOA_N
ClientSampled :
CGP-2DL

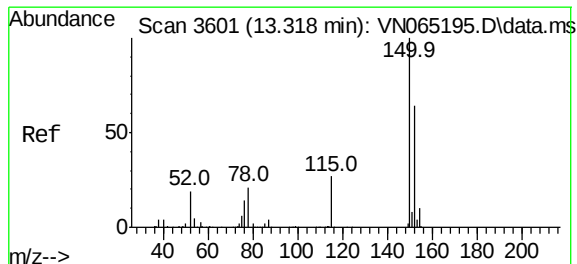
Tgt Ion:106 Resp: 74867
Ion Ratio Lower Upper
106 100
91 201.9 161.0 241.4



#6052 (-)
o-Xylene
Concen: 4.80 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065207.D
Acq: 22 Dec 2020 19:45

Tgt Ion:106 Resp: 26416
Ion Ratio Lower Upper
106 100
91 217.4 105.5 316.5

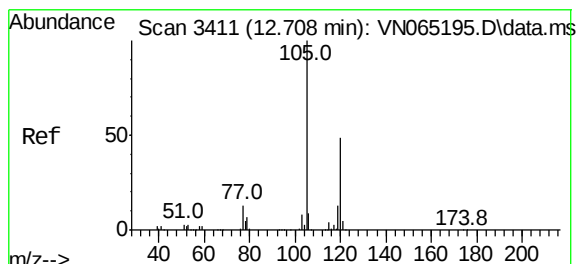
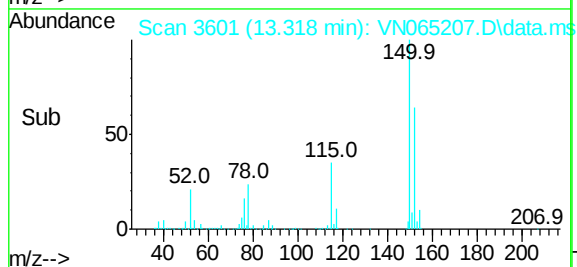
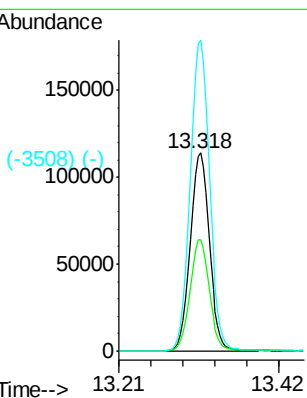
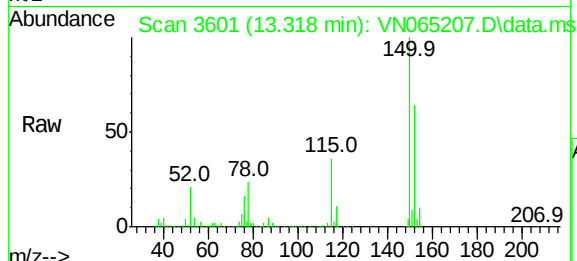




Scan 3601 (13.318 min): VN065195.D\data.ms (#3607) (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065207.D
 Acq: 22 Dec 2020 19:45

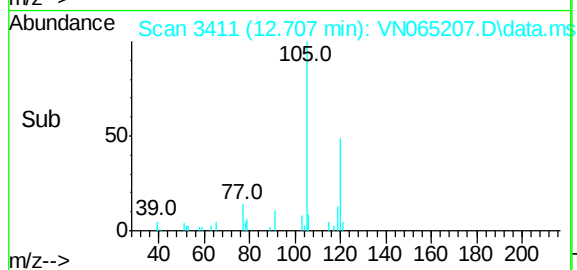
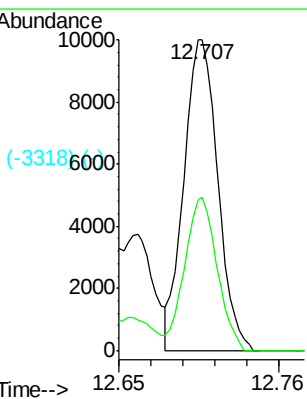
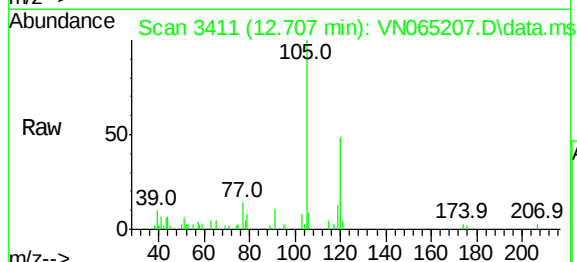
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-2DL

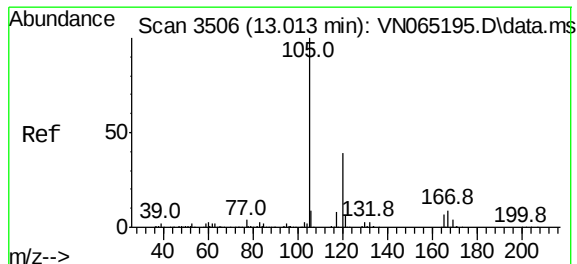
Tgt Ion:	152	Resp:	193403
Ion Ratio	Lower	Upper	
152	100		
115	56.5	29.7	89.1
150	158.9	0.0	350.6



Scan 3411 (12.707 min): VN065195.D\data.ms (#3414) (-)
 1,3,5-Trimethylbenzene
 Concen: 1.29 ug/l
 RT: 12.707 min Scan# 3411
 Delta R.T. -0.001 min
 Lab File: VN065207.D
 Acq: 22 Dec 2020 19:45

Tgt Ion:	105	Resp:	16250
Ion Ratio	Lower	Upper	
105	100		
120	47.2	24.6	73.6





#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 2.49 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065207.D
 Acq: 22 Dec 2020 19:45

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-2DL

Tgt Ion:105 Resp: 30467
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.2

