

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065267.D
 Acq On : 24 Dec 2020 17:32
 Operator : JC/MD
 Sample : L5159-08 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-4

Quant Time: Dec 25 02:40:04 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)

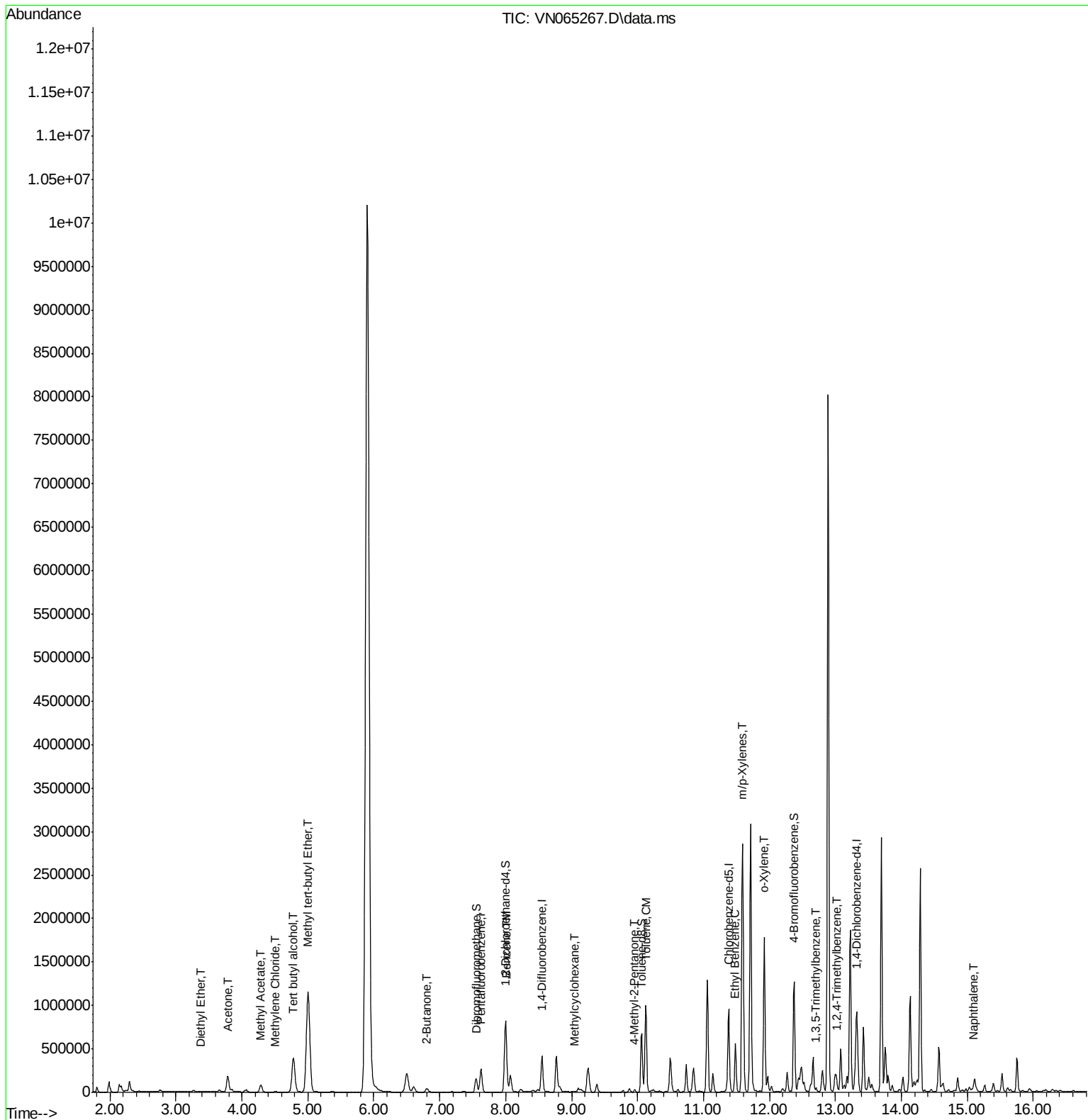
Internal Standards						
1) Pentafluorobenzene	7.627	168	236008	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	383410	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	409744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	214911	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	135074	50.70	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.40%			
35) Dibromofluoromethane	7.550	113	120763	52.21	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.42%			
50) Toluene-d8	10.058	98	475643	54.86	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 109.72%			
62) 4-Bromofluorobenzene	12.376	95	205010	58.79	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 117.58%			
Target Compounds						Qvalue
8) Diethyl Ether	3.377	74	1962	1.29	ug/l	83
11) Tert butyl alcohol	4.782	59	127347	292.11	ug/l #	83
16) Acetone	3.785	43	250969	223.32	ug/l	98
18) Methyl Acetate	4.286	43	154045	64.39	ug/l	97
19) Methyl tert-butyl Ether	5.003	73	2098938	285.09	ug/l	100
20) Methylene Chloride	4.502	84	2916	1.12	ug/l	95
25) 2-Butanone	6.804	43	70065	46.84	ug/l	99
39) Methylcyclohexane	9.045	83	4912	1.17	ug/l	97
40) Benzene	8.003	78	683196	65.88	ug/l	97
51) 4-Methyl-2-Pentanone	9.955	43	17207	5.14	ug/l	98
52) Toluene	10.125	92	439669	67.26	ug/l	99
67) Ethyl Benzene	11.482	91	409307	27.24	ug/l	100
68) m/p-Xylenes	11.592	106	936669	165.44	ug/l	99
69) o-Xylene	11.923	106	500701	91.10	ug/l	97
80) 1,3,5-Trimethylbenzene	12.707	105	26083	1.87	ug/l	98
84) 1,2,4-Trimethylbenzene	13.013	105	93836	6.90	ug/l	100
95) Naphthalene	15.096	128	26607	5.60	ug/l #	92

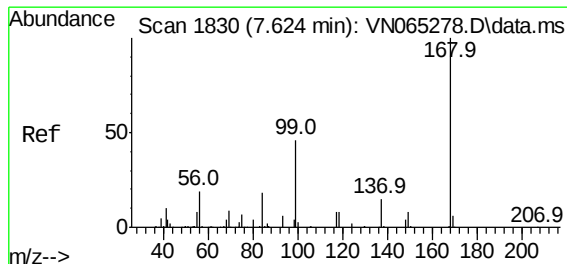
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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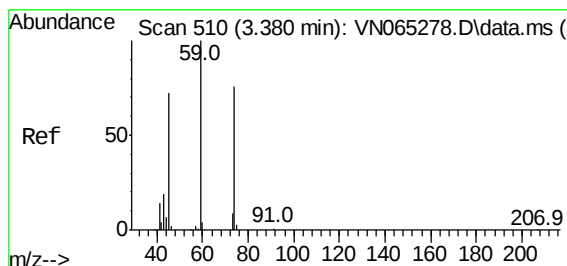
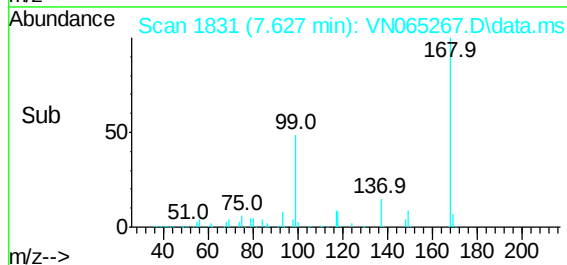
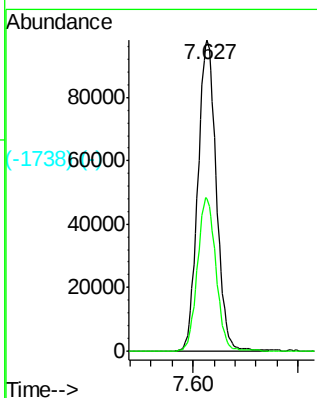
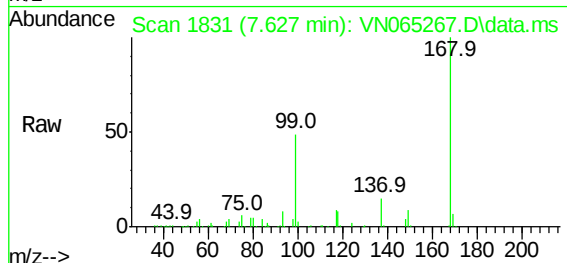




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

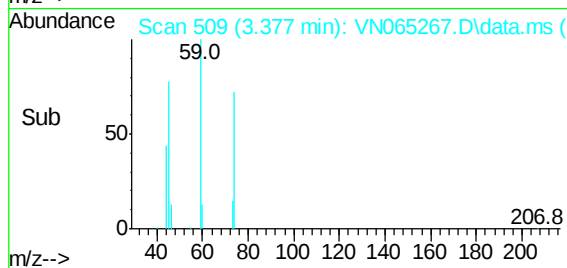
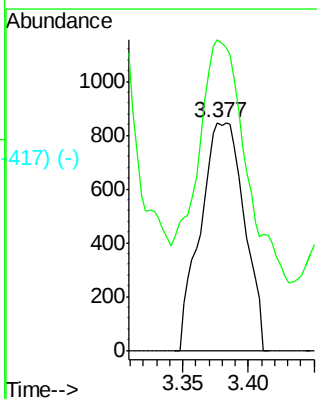
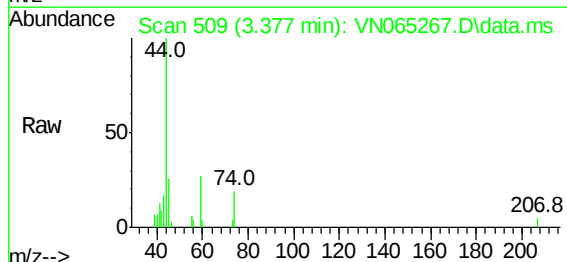
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-4

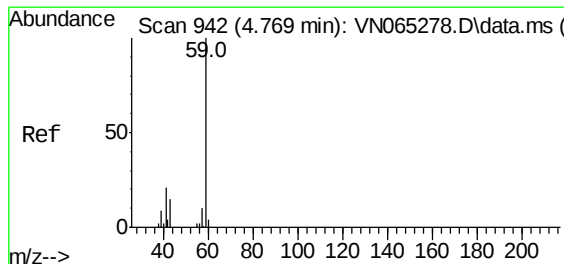
Tgt Ion:168 Resp: 236008
 Ion Ratio Lower Upper
 168 100
 99 49.0 43.0 64.4



Diethyl Ether
 Concen: 1.29 ug/l
 RT: 3.377 min Scan# 509
 Delta R.T. -0.003 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

Tgt Ion: 74 Resp: 1962
 Ion Ratio Lower Upper
 74 100
 45 114.7 48.9 146.8

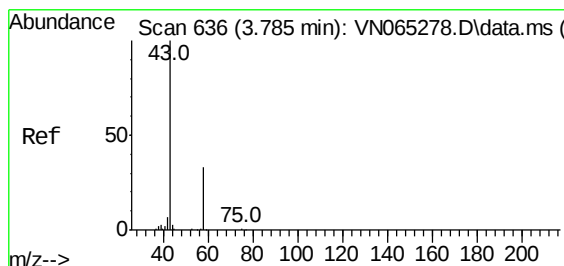
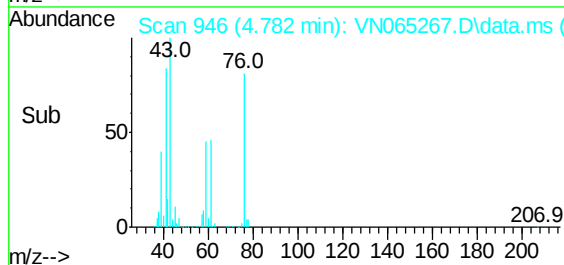
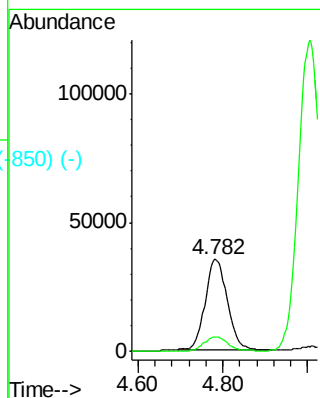
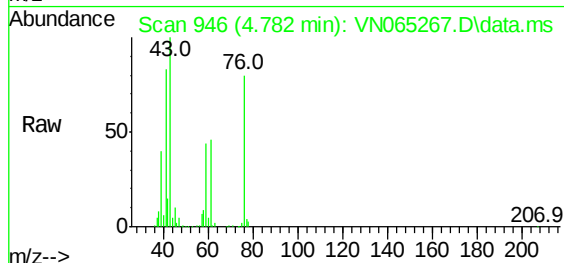




Tert butyl alcohol
 Concen: 292.11 ug/l
 RT: 4.782 min Scan# 946
 Delta R.T. 0.010 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

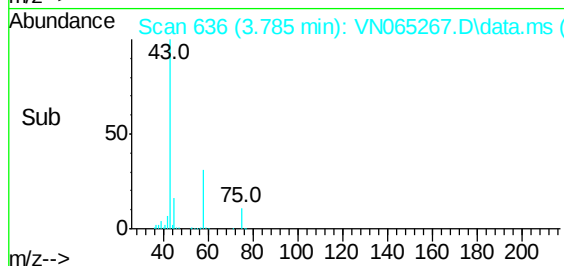
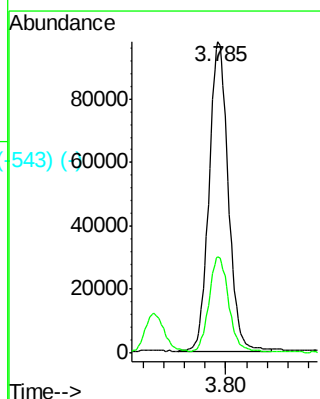
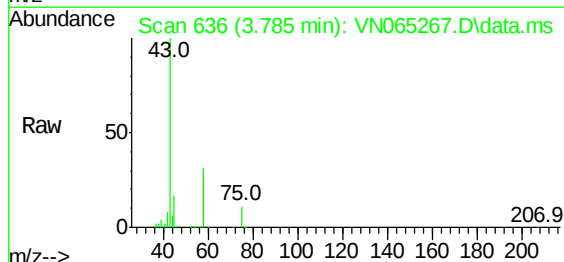
Instrument :
 MSVOA_N
 ClientSampled :
 CGP-4

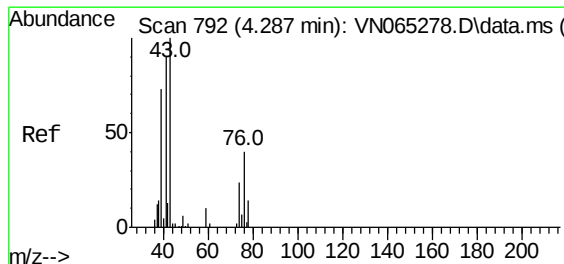
Tgt Ion: 59 Resp: 127347
 Ion Ratio Lower Upper
 59 100
 57 16.1 7.9 11.9#



Acetone
 Concen: 223.32 ug/l
 RT: 3.785 min Scan# 636
 Delta R.T. -0.000 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

Tgt Ion: 43 Resp: 250969
 Ion Ratio Lower Upper
 43 100
 58 30.8 25.7 38.5

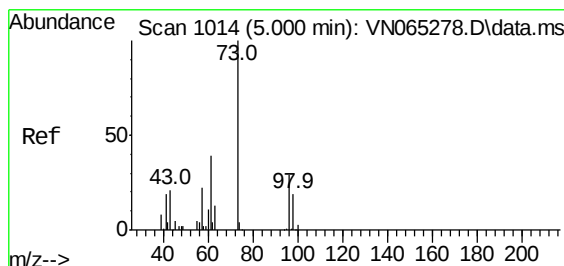
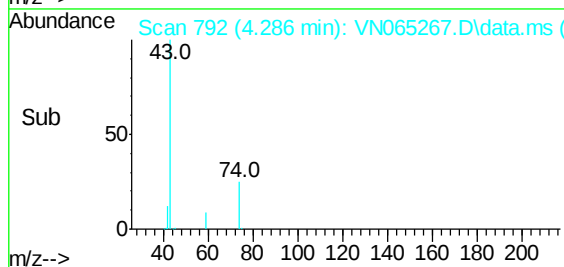
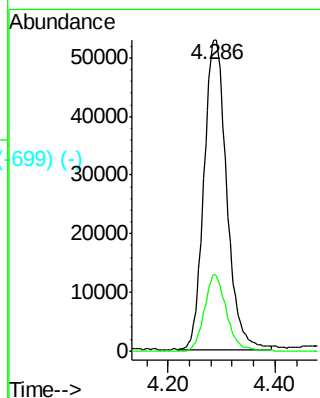
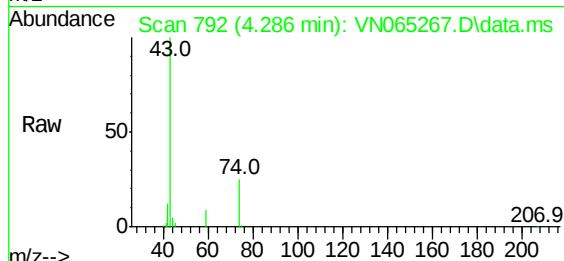




Methyl Acetate
 Concen: 64.39 ug/l
 RT: 4.286 min Scan# 792
 Delta R.T. -0.001 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

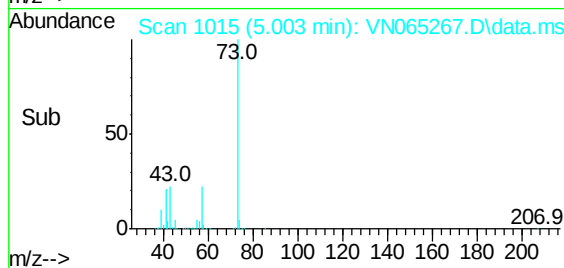
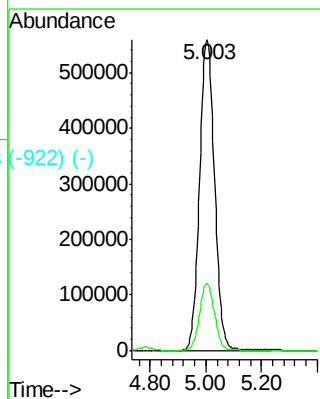
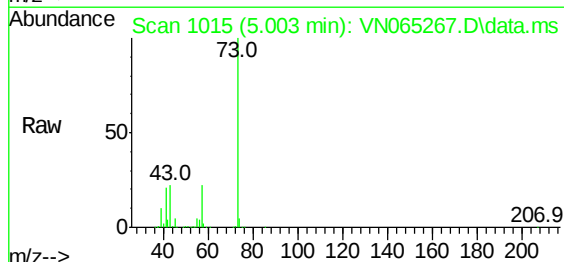
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-4

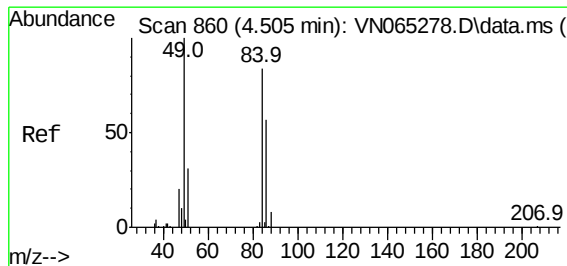
Tgt Ion: 43 Resp: 154045
 Ion Ratio Lower Upper
 43 100
 74 23.6 20.2 30.2



Methyl tert-butyl Ether
 Concen: 285.09 ug/l
 RT: 5.003 min Scan# 1015
 Delta R.T. -0.001 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

Tgt Ion: 73 Resp: 2098938
 Ion Ratio Lower Upper
 73 100
 57 21.6 17.4 26.0



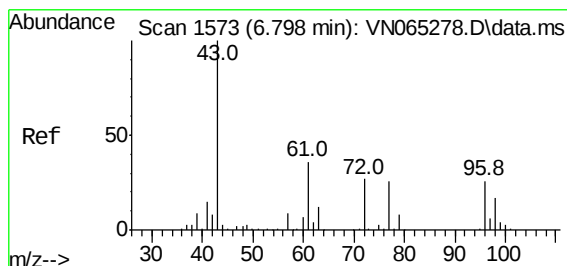
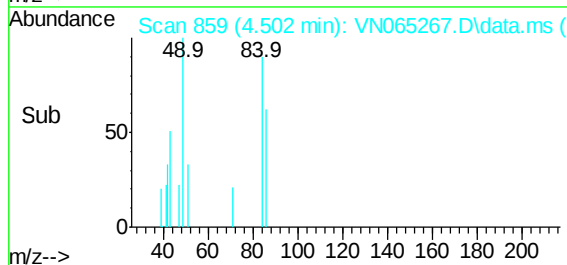
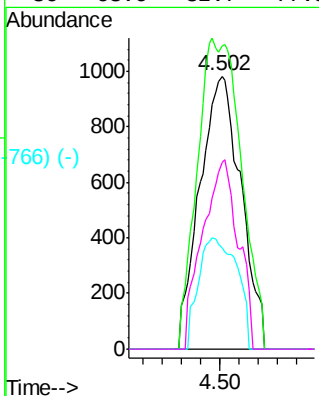
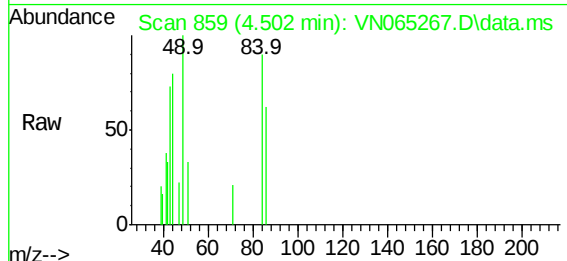


Methylene Chloride
Concen: 1.12 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :
CGP-4

Tgt Ion: 84 Resp: 2916

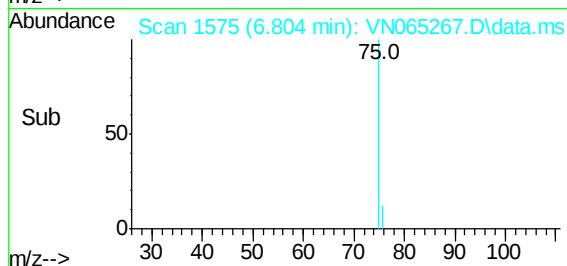
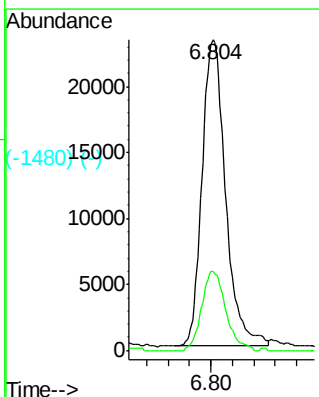
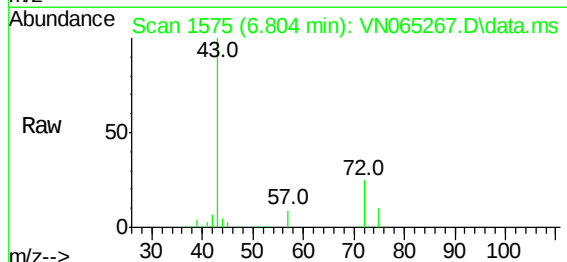
Ion	Ratio	Lower	Upper
84	100		
49	111.2	93.4	140.0
51	36.7	28.2	42.4
86	68.6	51.7	77.5

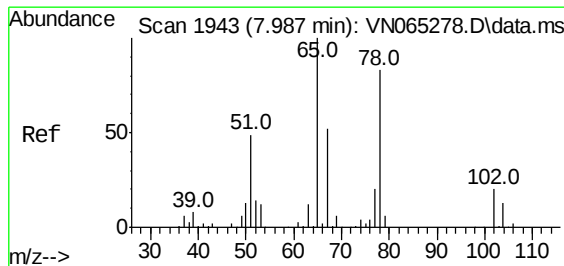


2-Butanone
Concen: 46.84 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Tgt Ion: 43 Resp: 70065

Ion	Ratio	Lower	Upper
43	100		
72	25.7	21.0	31.6

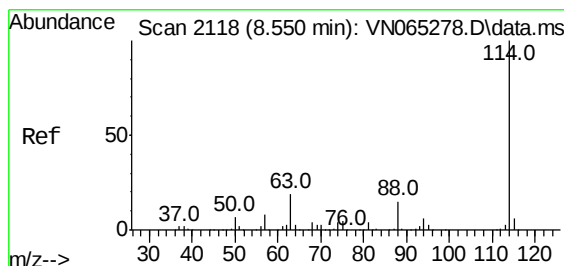
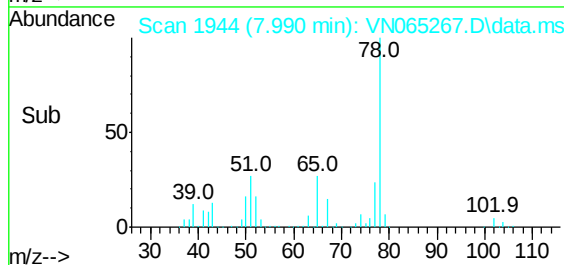
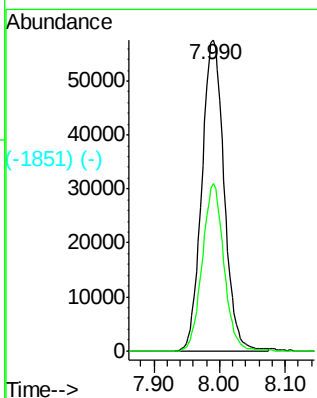
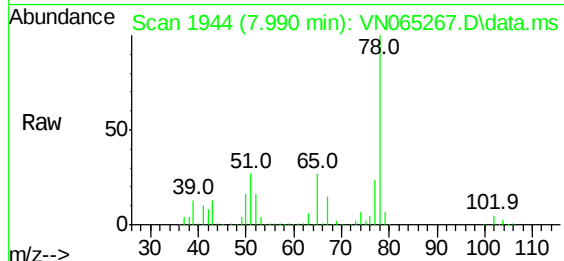




(-1925) (-)
 1,2-Dichloroethane-d4
 Concen: 50.70 ug/l
 RT: 7.990 min Scan# 1944
 Delta R.T. -0.001 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

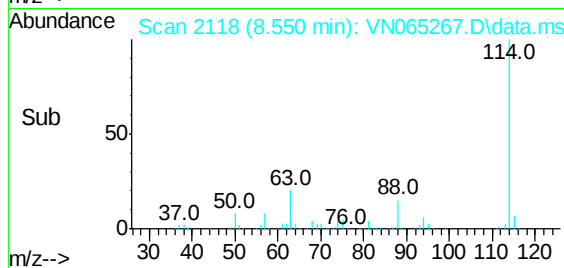
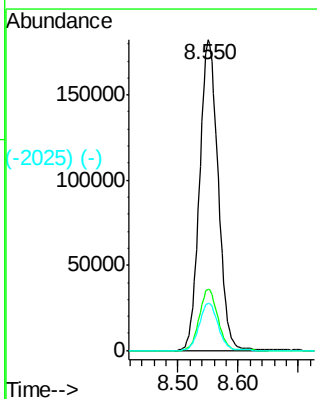
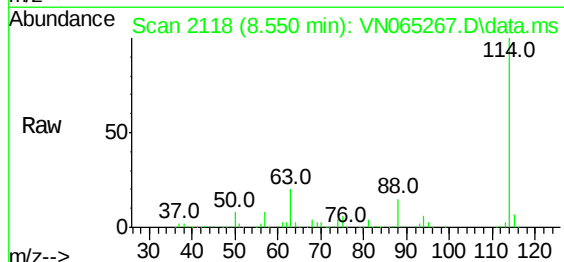
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-4

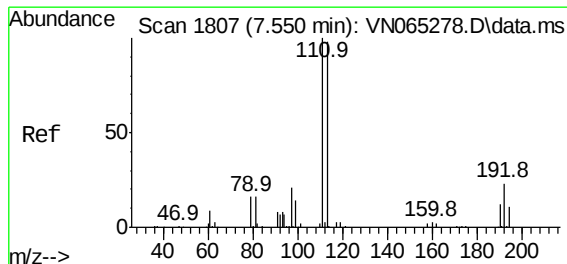
Tgt Ion: 65 Resp: 135074
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 108.2



(-2300) (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. -0.000 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

Tgt Ion:114 Resp: 383410
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 15.3 0.0 32.6

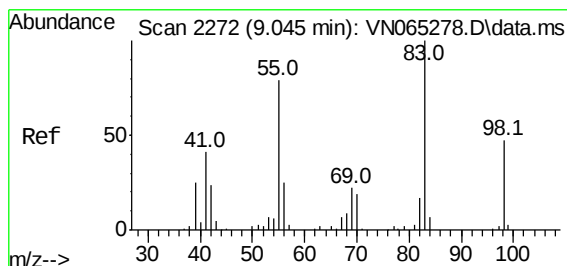
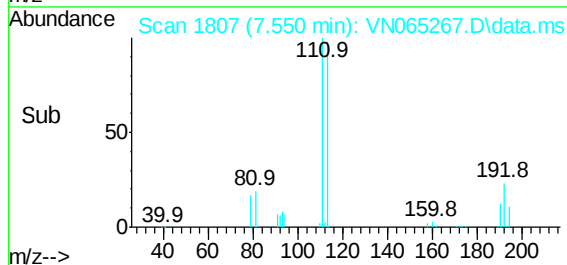
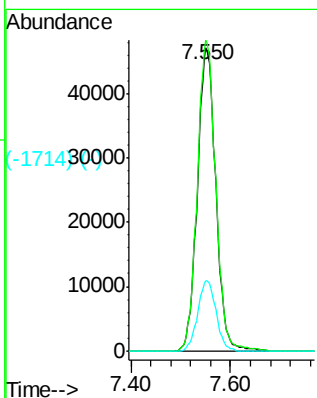
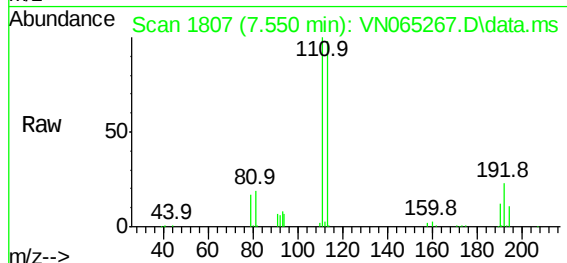




#358 (-)
Dibromofluoromethane
Concen: 52.21 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. -0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

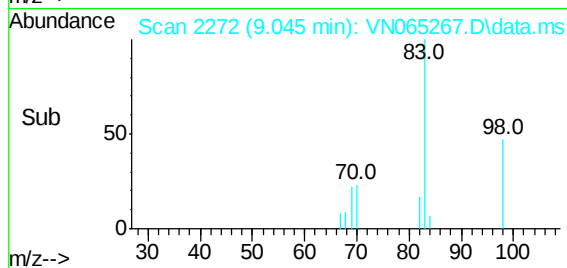
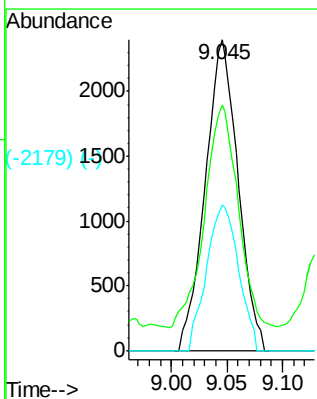
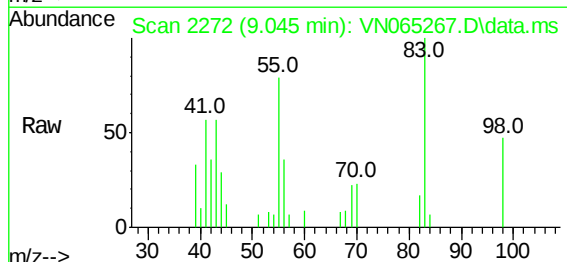
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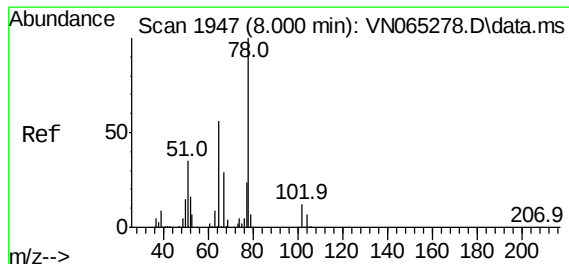
Tgt Ion:113 Resp: 120763
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 22.9 16.2 24.2



#256 (-)
Methylcyclohexane
Concen: 1.17 ug/l
RT: 9.045 min Scan# 2272
Delta R.T. 0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

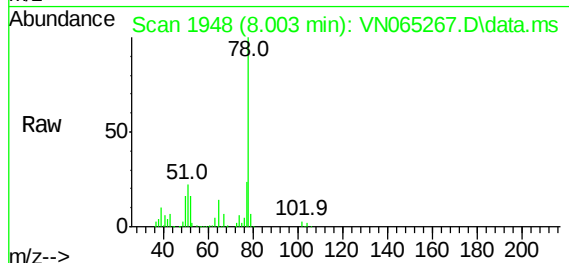
Tgt Ion: 83 Resp: 4912
Ion Ratio Lower Upper
83 100
55 70.4 60.2 90.2
98 46.8 37.4 56.2



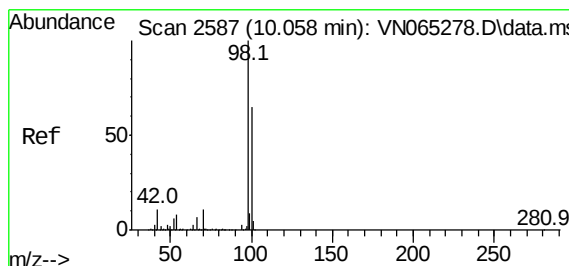
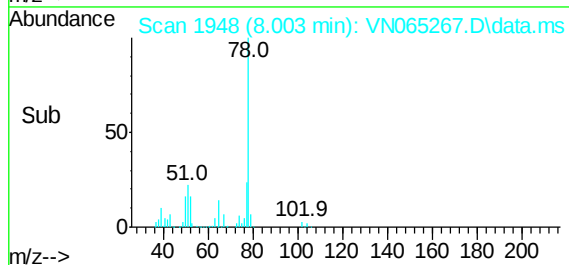
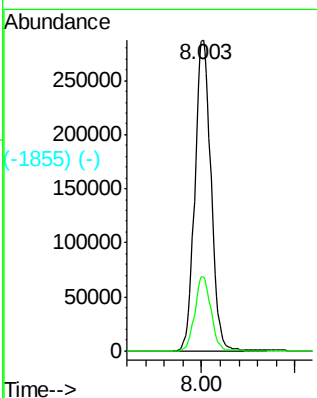


#499 (-)
Benzene
Concen: 65.88 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Instrument :
MSVOA_N
ClientSampled :
CGP-4

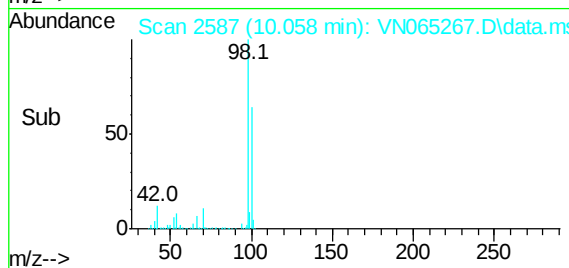
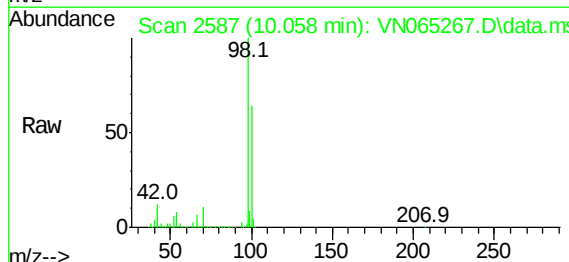
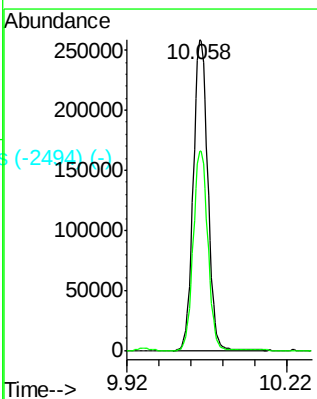


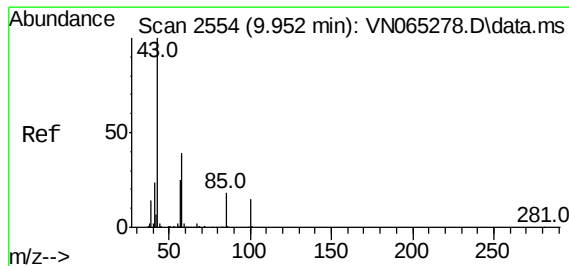
Tgt Ion: 78 Resp: 683196
Ion Ratio Lower Upper
78 100
77 23.9 17.9 26.9



#5071 (-)
Toluene-d8
Concen: 54.86 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Tgt Ion: 98 Resp: 475643
Ion Ratio Lower Upper
98 100
100 64.6 51.7 77.5

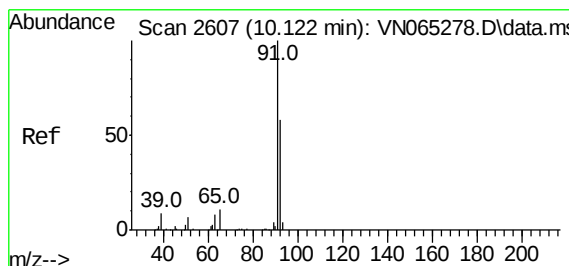
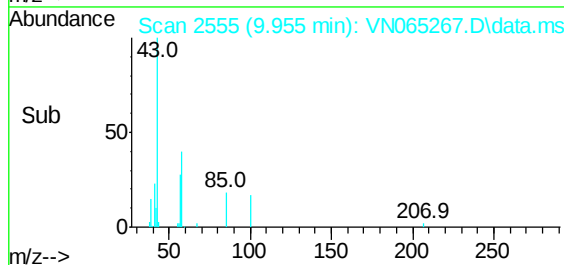
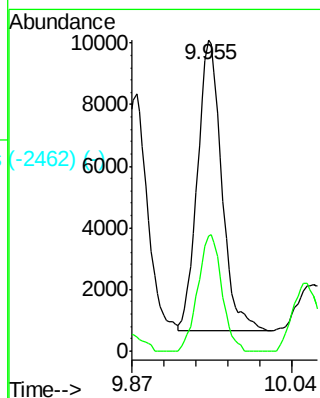
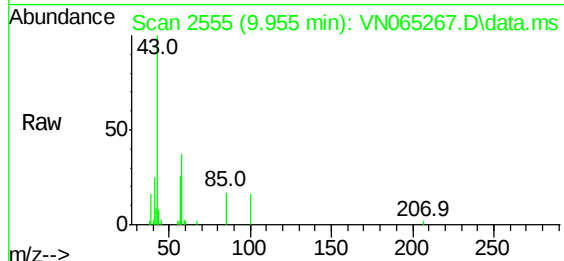




#516 (-)
4-Methyl-2-Pentanone
Concen: 5.14 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

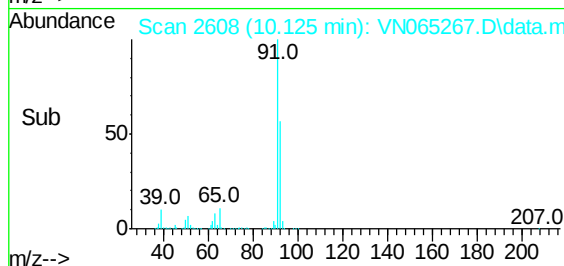
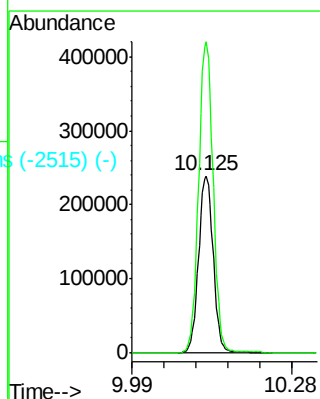
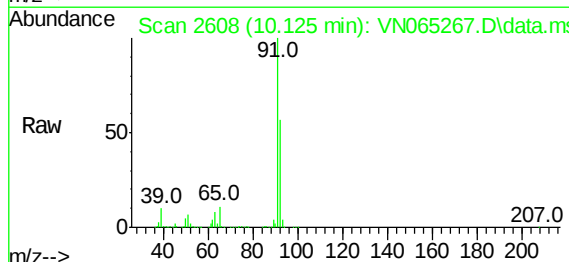
Instrument :
MSVOA_N
ClientSampled :
CGP-4

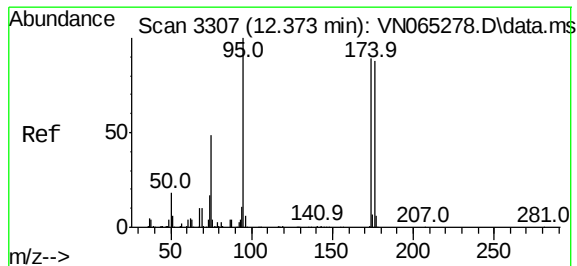
Tgt Ion: 43 Resp: 17207
Ion Ratio Lower Upper
43 100
58 39.0 32.4 48.6



#5193 (-)
Toluene
Concen: 67.26 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Tgt Ion: 92 Resp: 439669
Ion Ratio Lower Upper
92 100
91 175.5 139.1 208.7

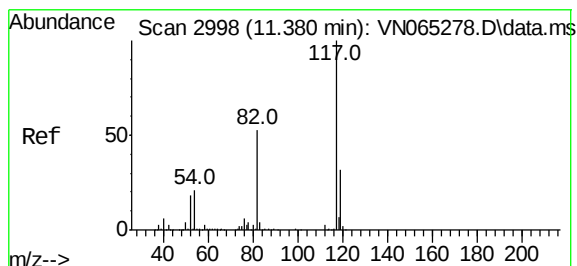
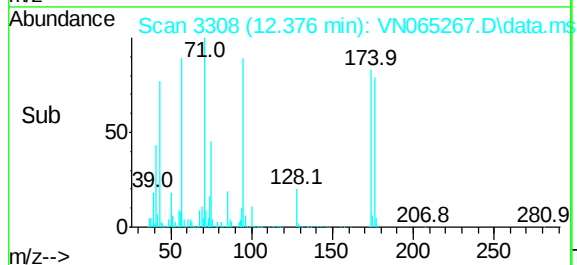
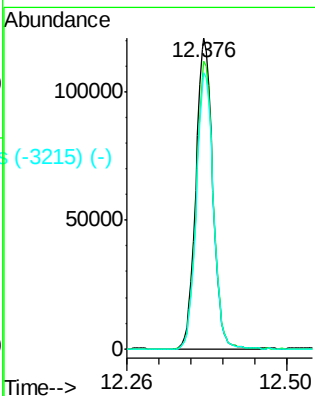
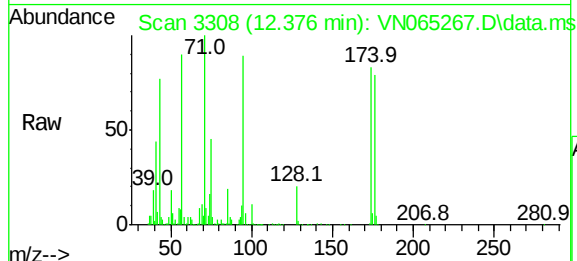




#6293 (-)
4-Bromofluorobenzene
Concen: 58.79 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

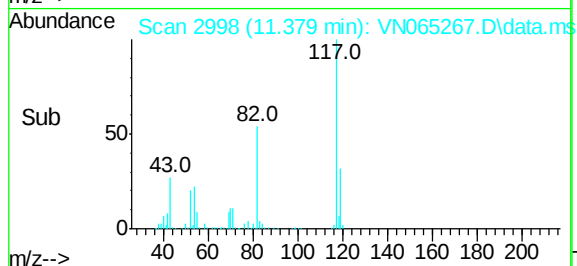
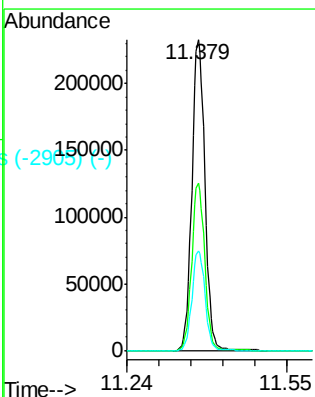
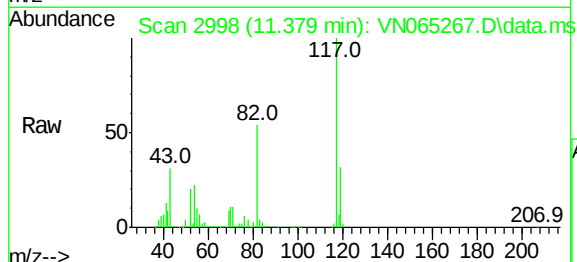
Instrument :
MSVOA_N
ClientSampleId :
CGP-4

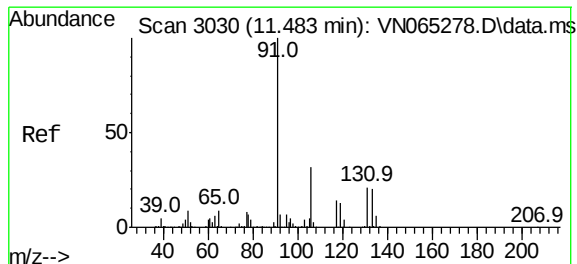
Tgt Ion: 95 Resp: 205010
Ion Ratio Lower Upper
95 100
174 92.7 0.0 160.4
176 89.5 0.0 158.4



#2983 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.379 min Scan# 2998
Delta R.T. -0.001 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Tgt Ion:117 Resp: 409744
Ion Ratio Lower Upper
117 100
82 53.7 44.2 66.2
119 32.1 25.8 38.6

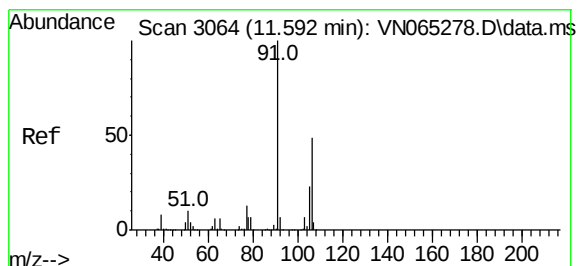
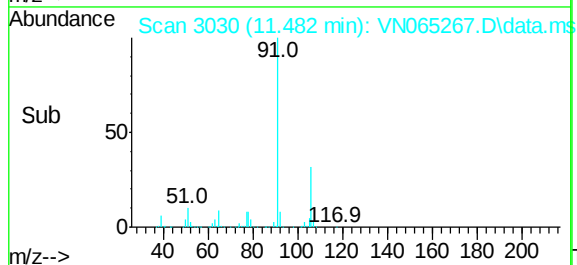
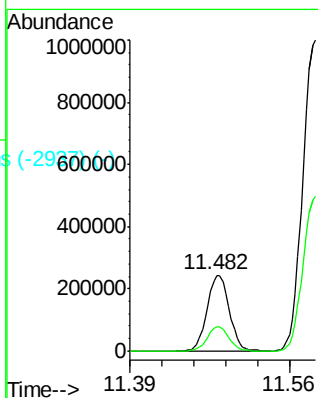
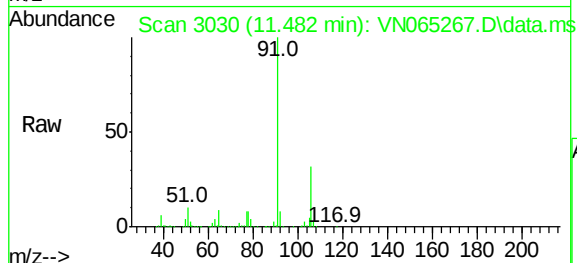




#6716 (-)
Ethyl Benzene
Concen: 27.24 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

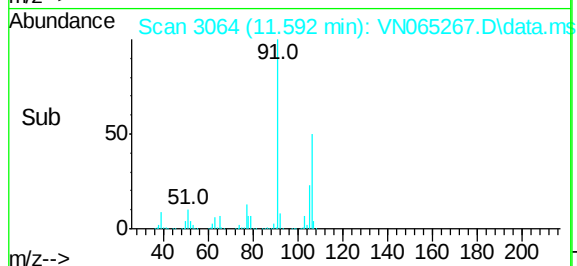
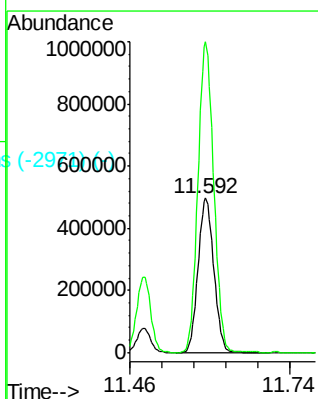
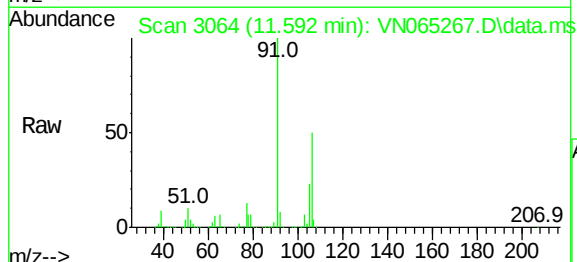
Instrument :
MSVOA_N
ClientSampled :
CGP-4

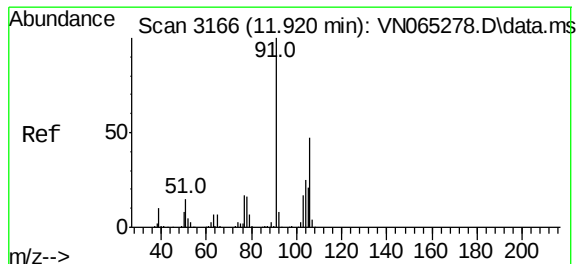
Tgt Ion: 91 Resp: 409307
Ion Ratio Lower Upper
91 100
106 31.5 25.2 37.8



#6849 (-)
m/p-Xylenes
Concen: 165.44 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Tgt Ion:106 Resp: 936669
Ion Ratio Lower Upper
106 100
91 202.1 161.0 241.4

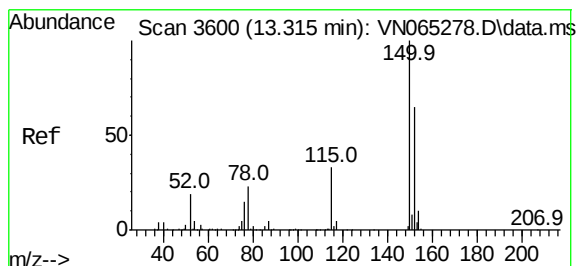
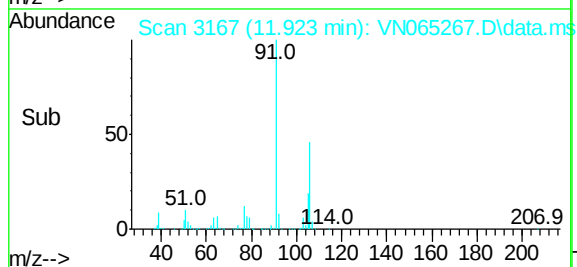
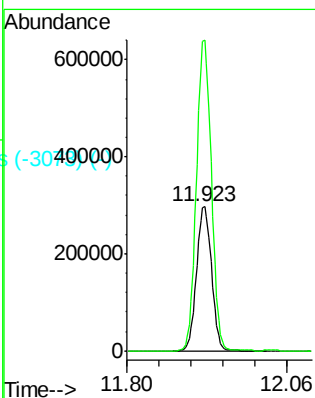
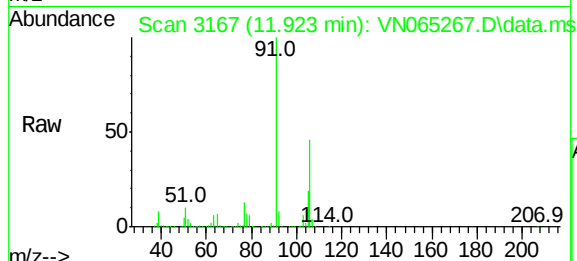




#653 (-)
o-Xylene
Concen: 91.10 ug/l
RT: 11.923 min Scan# 3167
Delta R.T. 0.003 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

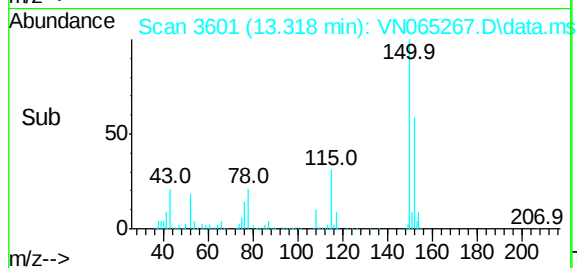
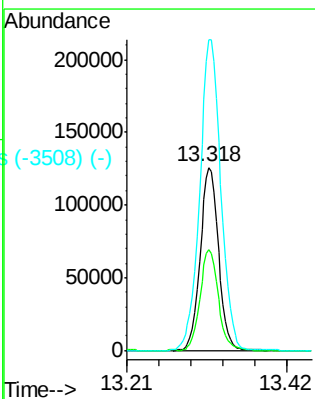
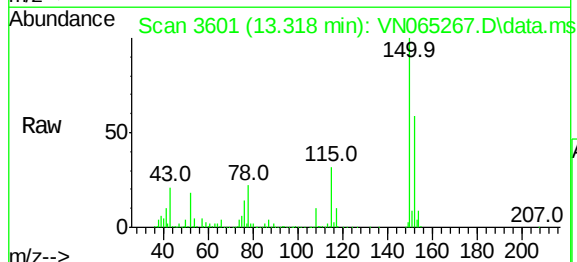
Instrument :
MSVOA_N
ClientSampleId :
CGP-4

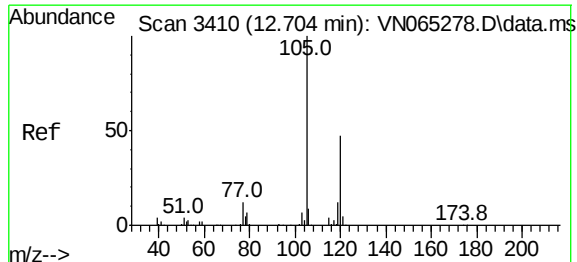
Tgt Ion:106 Resp: 500701
Ion Ratio Lower Upper
106 100
91 215.7 105.5 316.5



#367 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Tgt Ion:152 Resp: 214911
Ion Ratio Lower Upper
152 100
115 55.0 29.7 89.1
150 196.3 0.0 350.6

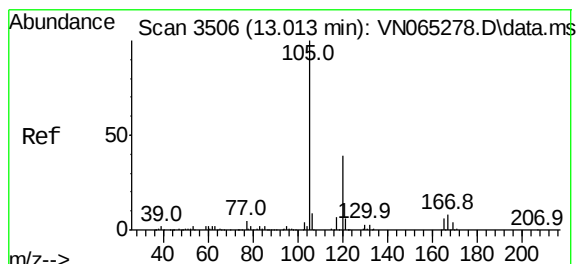
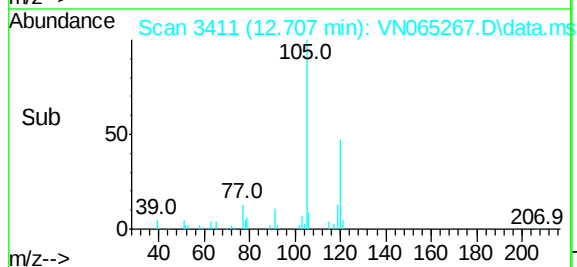
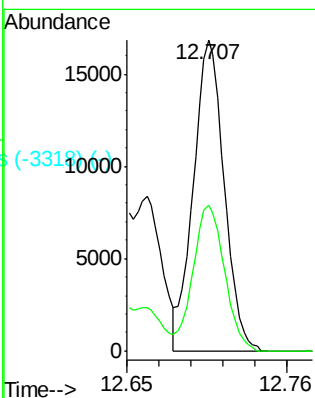
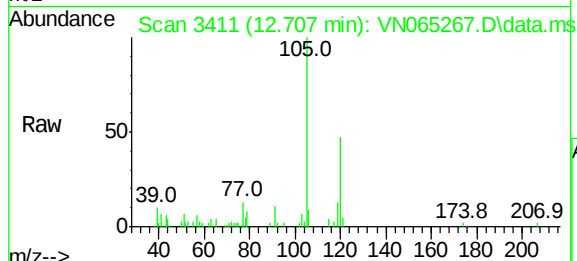




#896 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.87 ug/l
 RT: 12.707 min Scan# 3411
 Delta R.T. -0.001 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

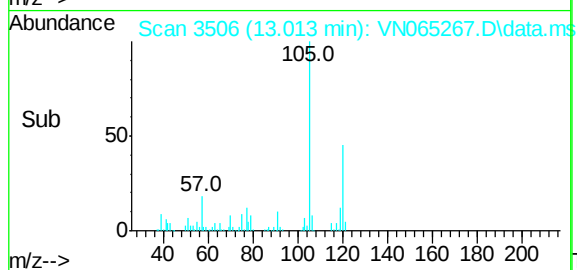
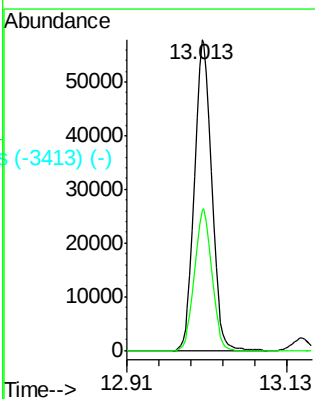
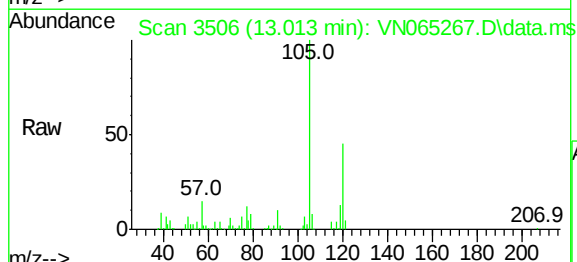
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-4

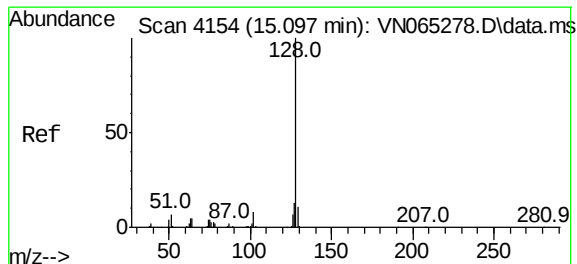
Tgt Ion:105 Resp: 26083
 Ion Ratio Lower Upper
 105 100
 120 48.1 24.6 73.6



#844 (-)
 1,2,4-Trimethylbenzene
 Concen: 6.90 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065267.D
 Acq: 24 Dec 2020 17:32

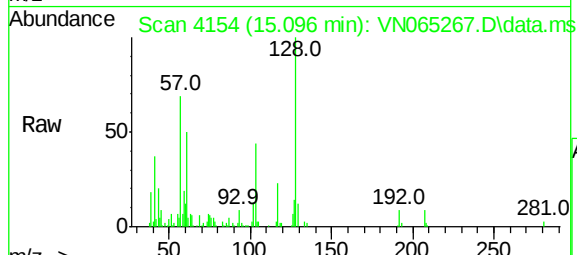
Tgt Ion:105 Resp: 93836
 Ion Ratio Lower Upper
 105 100
 120 45.8 23.1 69.2





#4154 (-)
Naphthalene
Concen: 5.60 ug/l
RT: 15.096 min Scan# 4154
Delta R.T. 0.000 min
Lab File: VN065267.D
Acq: 24 Dec 2020 17:32

Instrument :
MSVOA_N
ClientSampleId :
CGP-4



Tgt Ion:128 Resp: 26607

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	17.3	8.7	13.1

