

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122420\
 Data File : VN065268.D
 Acq On : 24 Dec 2020 17:57
 Operator : JC/MD
 Sample : L5159-22 5X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-11

Quant Time: Dec 25 02:40:32 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	246894	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.553	114	403457	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	422374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	218057	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.991	65	142477	51.12	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	102.24%
35) Dibromofluoromethane	7.553	113	126847	52.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.22%
50) Toluene-d8	10.061	98	499337	54.73	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.46%
62) 4-Bromofluorobenzene	12.376	95	213136	58.15	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	116.30%

Target Compounds

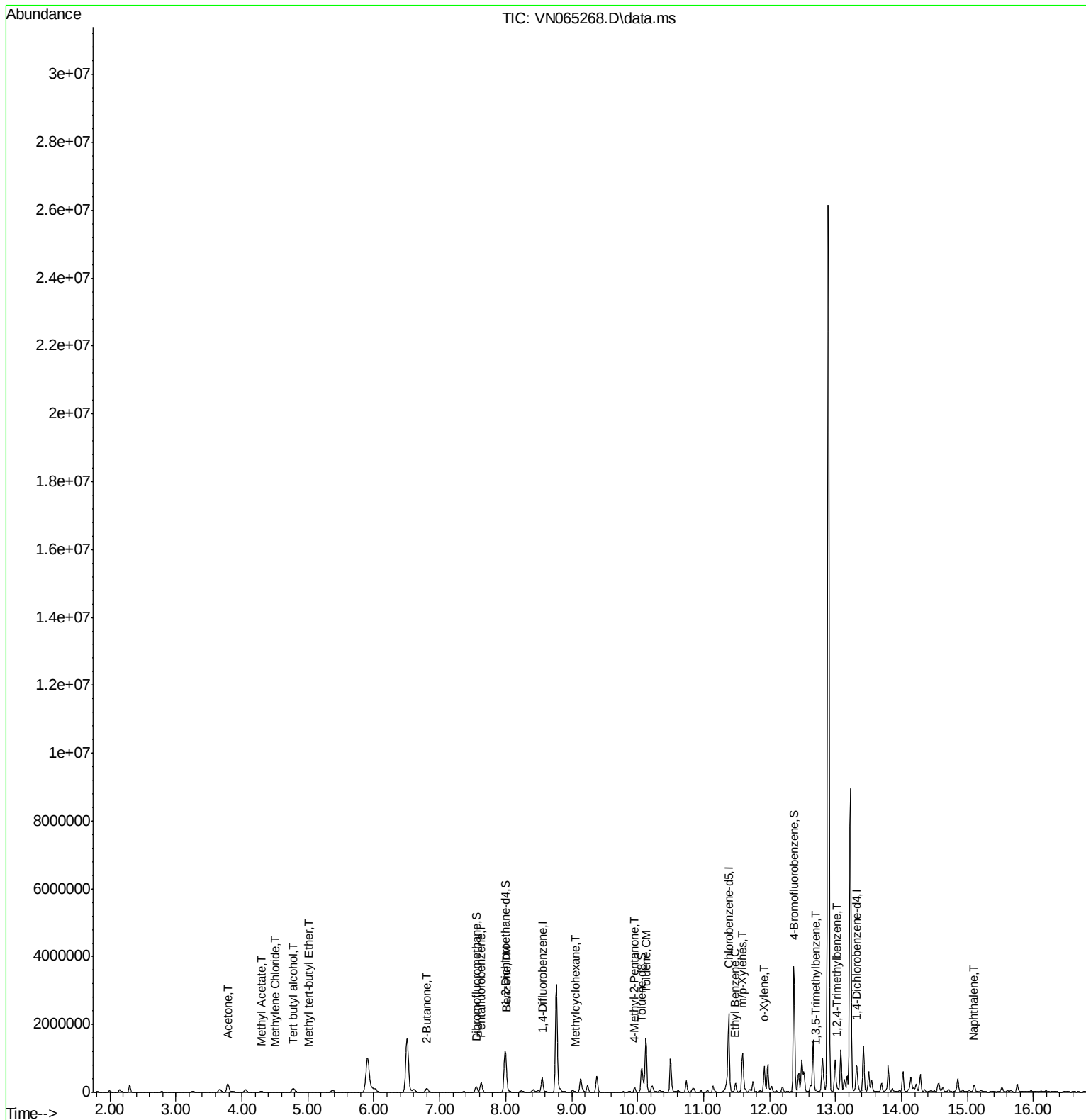
						Qvalue
11) Tert butyl alcohol	4.775	59	194303	426.04	ug/l	99
16) Acetone	3.785	43	407758	353.06	ug/l	99
18) Methyl Acetate	4.290	43	66604	26.61	ug/l	97
19) Methyl tert-butyl Ether	5.010	73	9328	1.21	ug/l #	67
20) Methylene Chloride	4.502	84	3370	1.24	ug/l	95
25) 2-Butanone	6.801	43	199924	127.77	ug/l	98
39) Methylcyclohexane	9.048	83	4390	1.00	ug/l	98
40) Benzene	8.003	78	564011	51.68	ug/l	97
51) 4-Methyl-2-Pentanone	9.955	43	90591	25.71	ug/l	97
52) Toluene	10.126	92	704221	102.38	ug/l	100
67) Ethyl Benzene	11.482	91	188398	12.16	ug/l	100
68) m/p-Xylenes	11.592	106	374976	64.25	ug/l	99
69) o-Xylene	11.920	106	193776	34.20	ug/l	97
80) 1,3,5-Trimethylbenzene	12.707	105	26380	1.86	ug/l	100
84) 1,2,4-Trimethylbenzene	13.013	105	105356	7.64	ug/l	94
95) Naphthalene	15.096	128	116041	12.95	ug/l	99

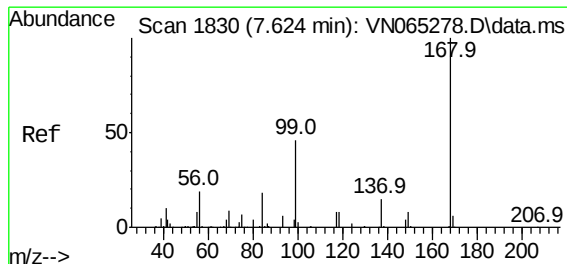
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 25 02:40:32 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

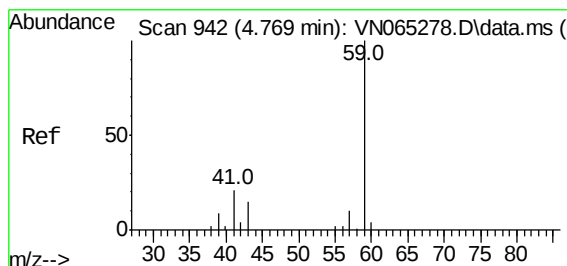
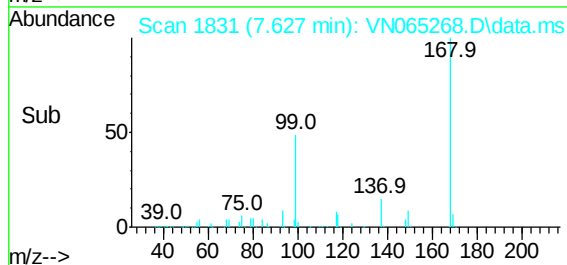
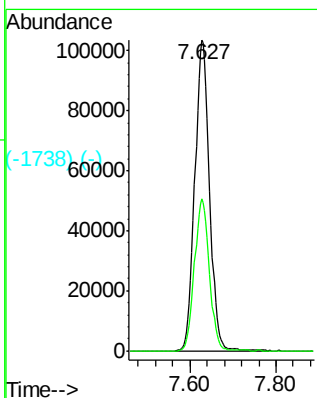
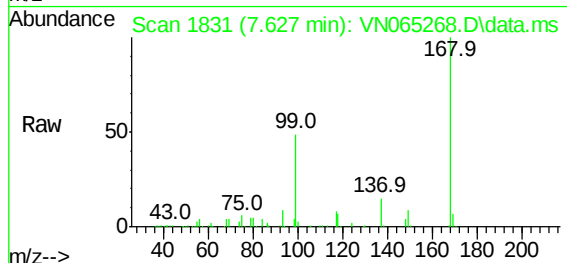




Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

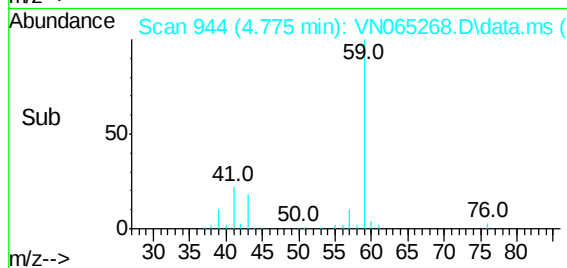
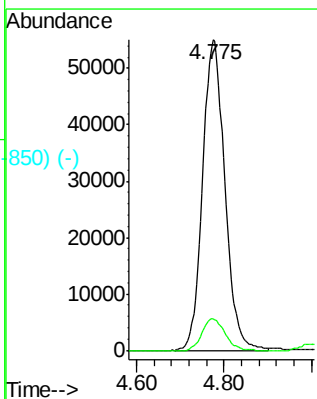
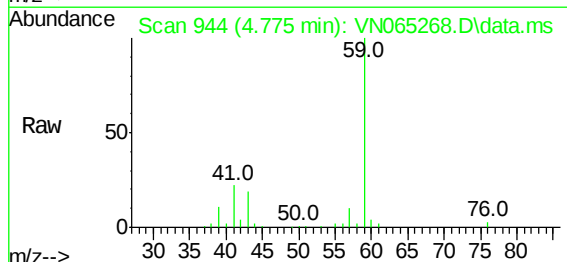
Instrument :
MSVOA_N
ClientSampleId :
CGP-11

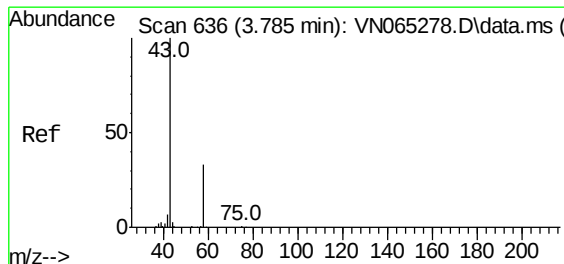
Tgt Ion:168 Resp: 246894
Ion Ratio Lower Upper
168 100
99 48.8 43.0 64.4



Tert butyl alcohol
Concen: 426.04 ug/l
RT: 4.775 min Scan# 944
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion: 59 Resp: 194303
Ion Ratio Lower Upper
59 100
57 10.4 7.9 11.9

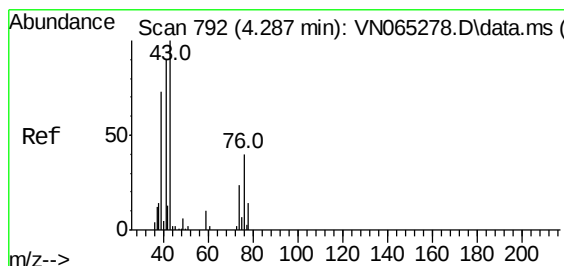
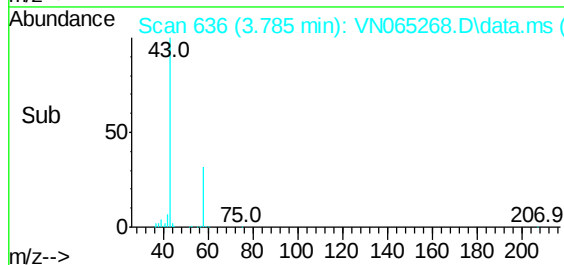
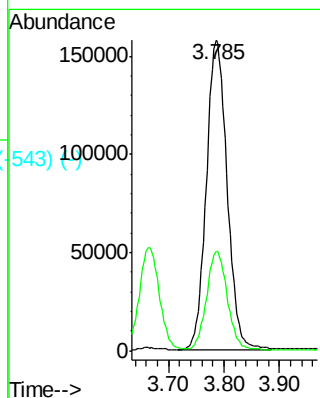
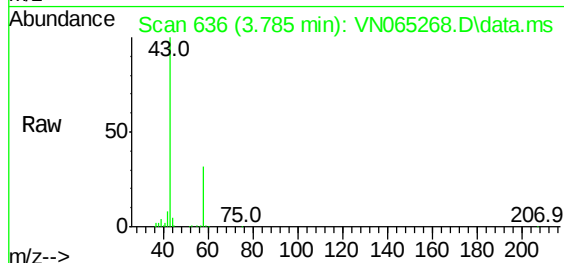




Acetone
Concen: 353.06 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

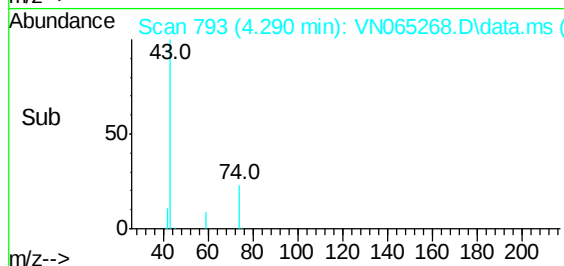
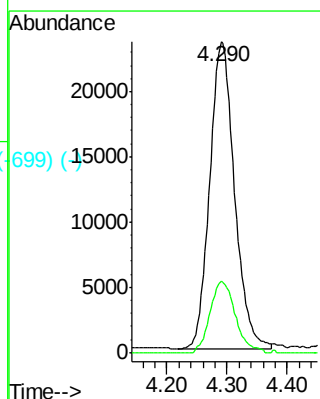
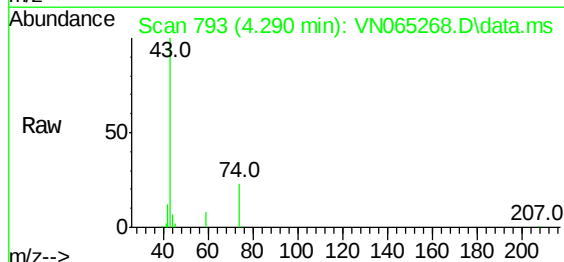
Instrument :
MSVOA_N
ClientSampleId :
CGP-11

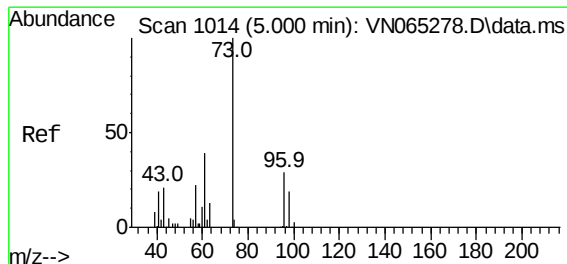
Tgt Ion: 43 Resp: 407758
Ion Ratio Lower Upper
43 100
58 31.8 25.7 38.5



Methyl Acetate
Concen: 26.61 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion: 43 Resp: 66604
Ion Ratio Lower Upper
43 100
74 23.5 20.2 30.2

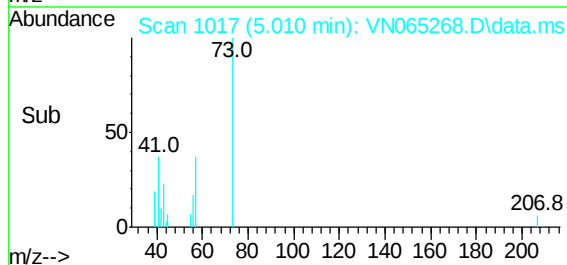
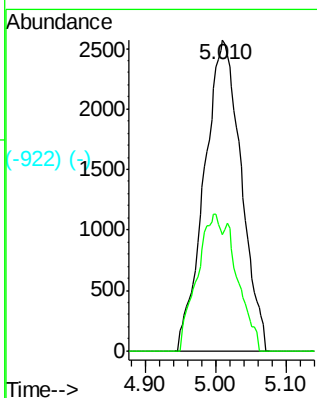
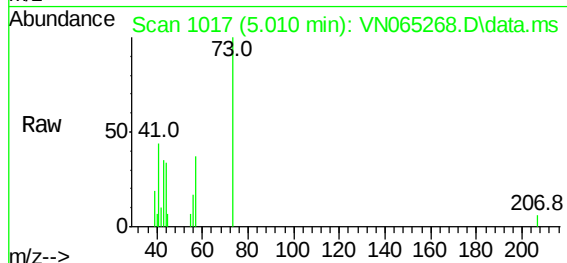




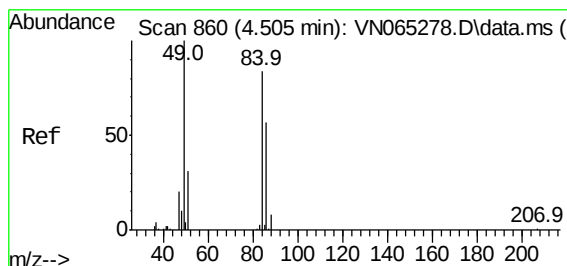
(-819) (-)
Methyl tert-butyl Ether
Concen: 1.21 ug/l
RT: 5.010 min Scan# 1017
Delta R.T. 0.006 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Instrument :
MSVOA_N
ClientSampled :
CGP-11

Tgt Ion: 73 Resp: 9328
Ion Ratio Lower Upper
73 100
57 37.4 17.4 26.0#

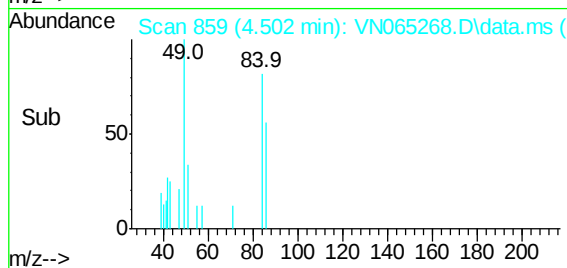
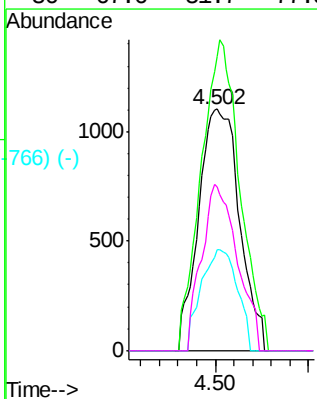
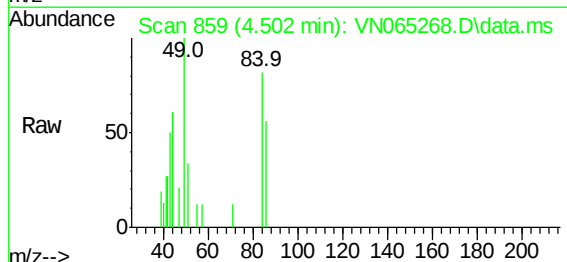


(-922) (-)

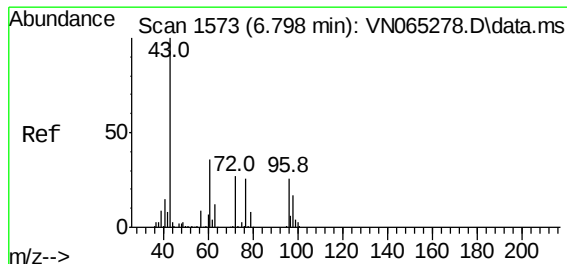


(-859) (-)
Methylene Chloride
Concen: 1.24 ug/l
RT: 4.502 min Scan# 859
Delta R.T. -0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion: 84 Resp: 3370
Ion Ratio Lower Upper
84 100
49 121.8 93.4 140.0
51 41.6 28.2 42.4
86 67.6 51.7 77.5



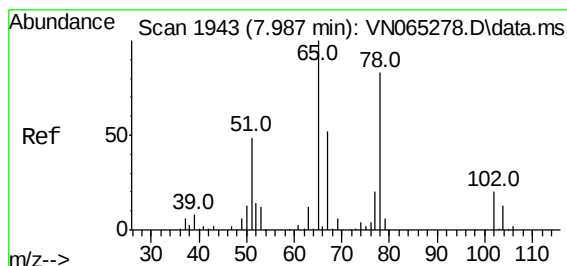
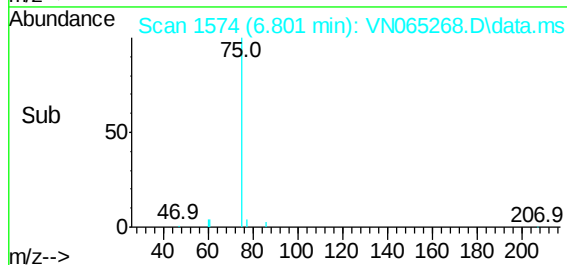
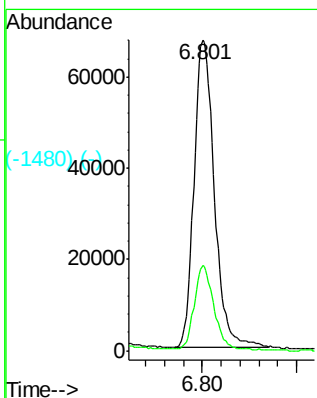
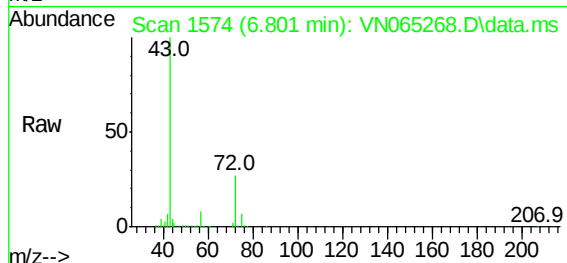
(-766) (-)



#50 (-)
2-Butanone
Concen: 127.77 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

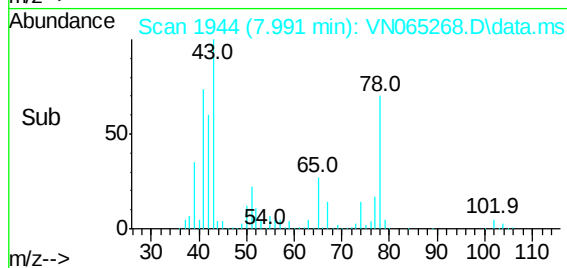
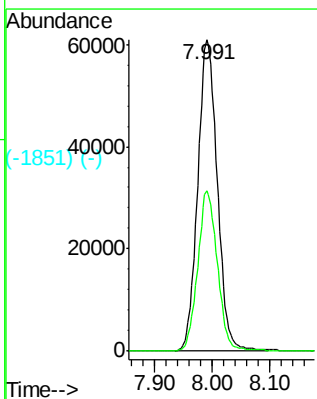
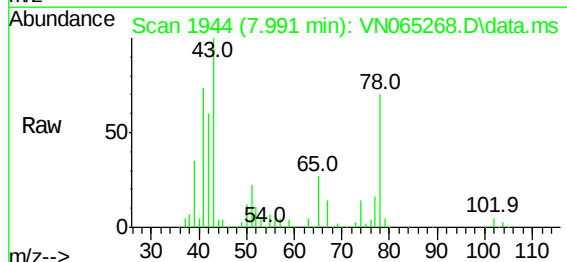
Instrument :
MSVOA_N
ClientSampled :
CGP-11

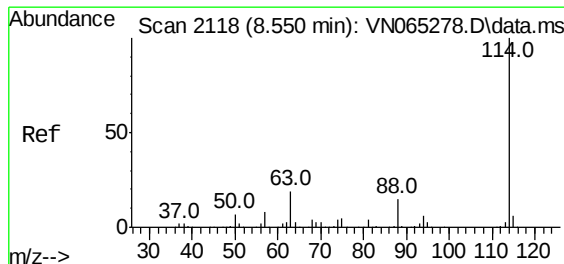
Tgt Ion: 43 Resp: 199924
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6



#52 (-)
1,2-Dichloroethane-d4
Concen: 51.12 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion: 65 Resp: 142477
Ion Ratio Lower Upper
65 100
67 51.4 0.0 108.2

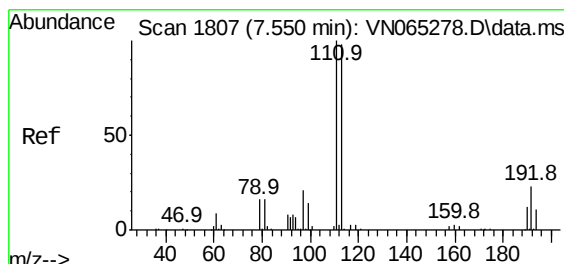
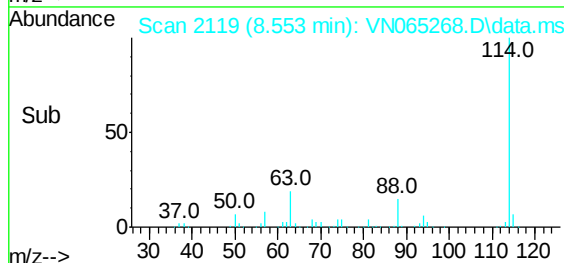
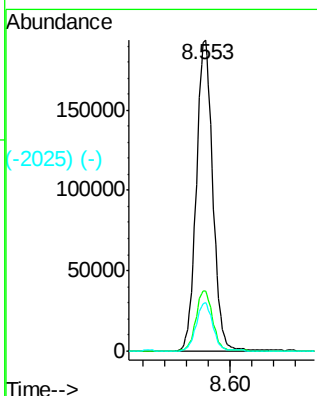
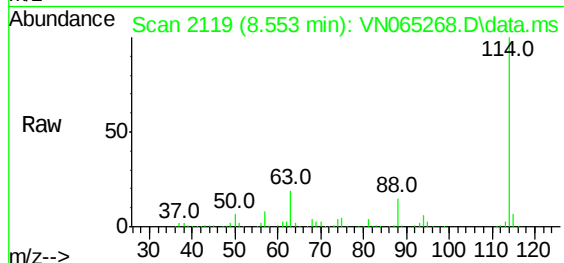




#240 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.553 min Scan# 2119
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

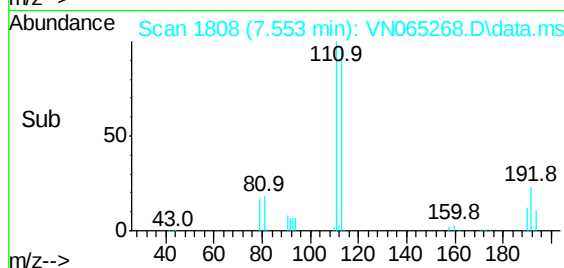
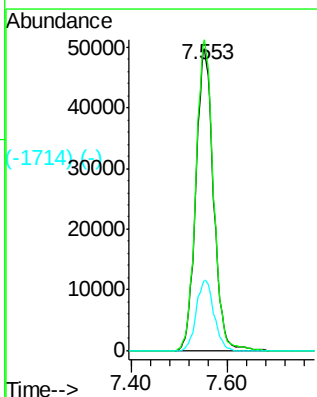
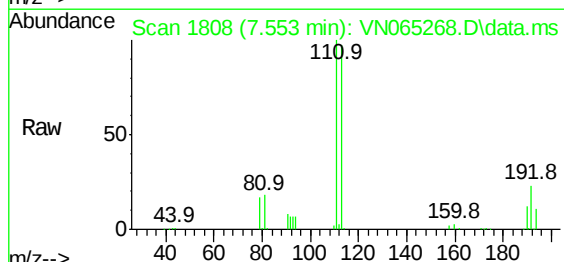
Instrument :
MSVOA_N
ClientSampleId :
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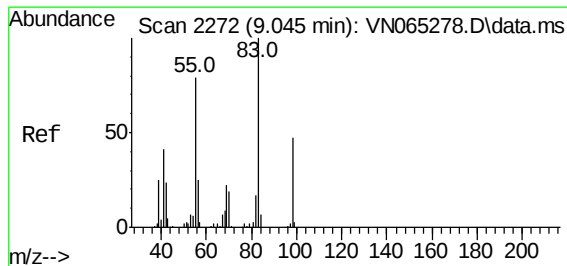
Tgt Ion:114 Resp: 403457
Ion Ratio Lower Upper
114 100
63 19.1 0.0 38.6
88 15.4 0.0 32.6



#258 (-)
Dibromofluoromethane
Concen: 52.11 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion:113 Resp: 126847
Ion Ratio Lower Upper
113 100
111 102.2 81.6 122.4
192 23.2 16.2 24.2

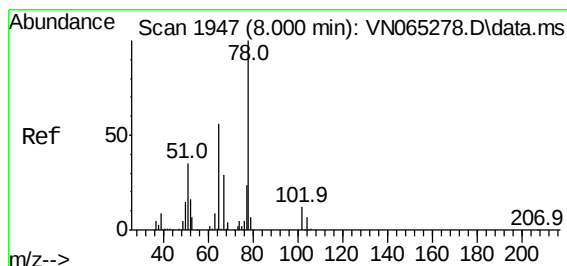
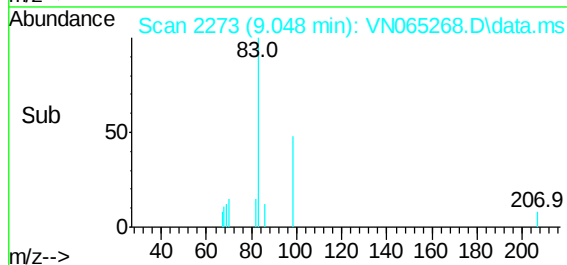
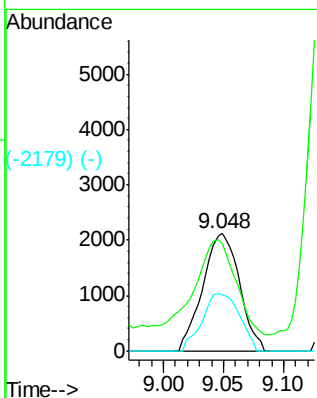
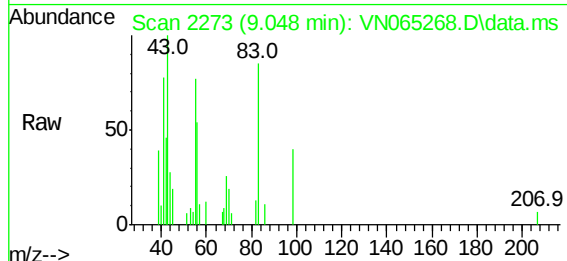




#226 (-)
Methylcyclohexane
Concen: 1.00 ug/l
RT: 9.048 min Scan# 2273
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

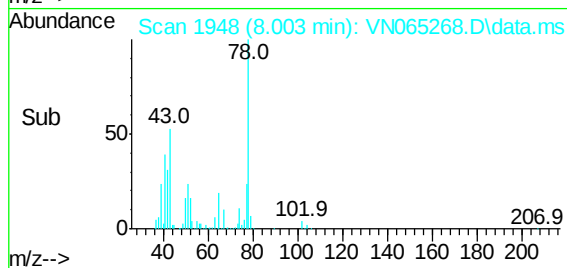
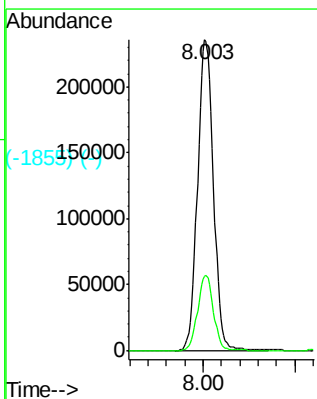
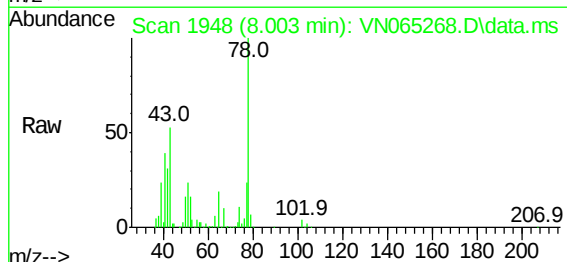
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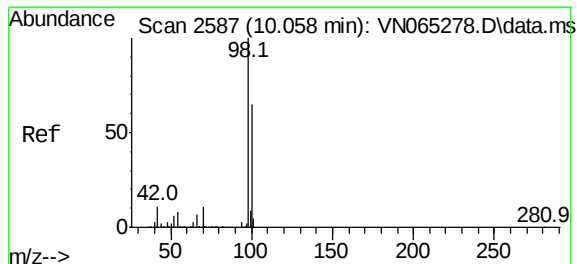
Tgt Ion: 83 Resp: 4390
Ion Ratio Lower Upper
83 100
55 77.3 60.2 90.2
98 47.8 37.4 56.2



#199 (-)
Benzene
Concen: 51.68 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion: 78 Resp: 564011
Ion Ratio Lower Upper
78 100
77 24.0 17.9 26.9

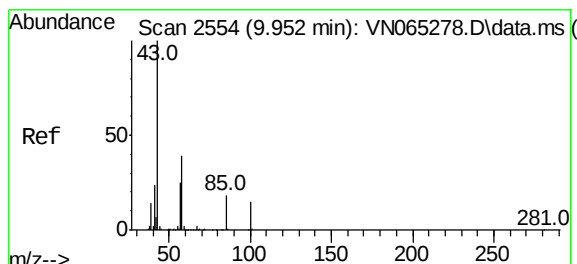
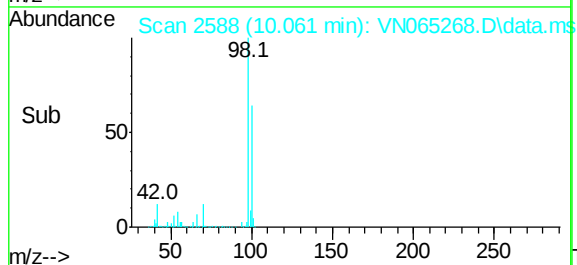
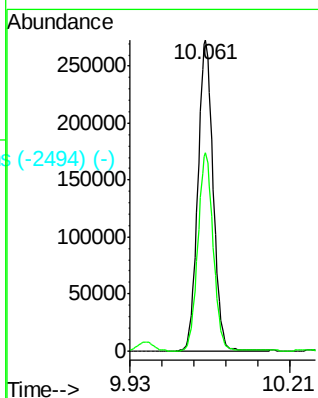
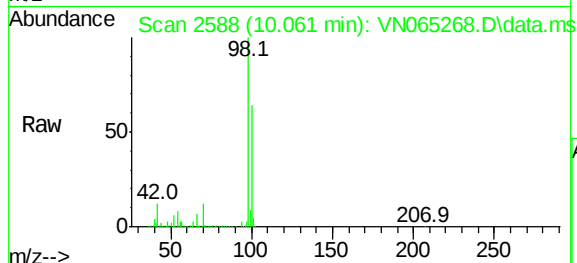




Toluene-d8
Concen: 54.73 ug/l
RT: 10.061 min Scan# 2588
Delta R.T. 0.003 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

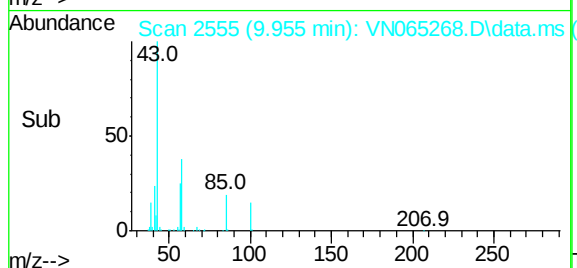
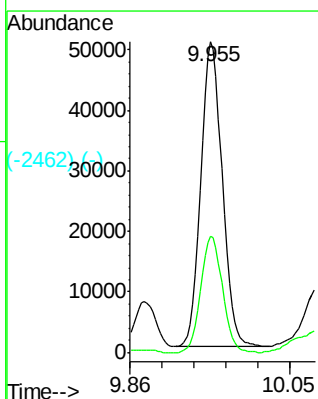
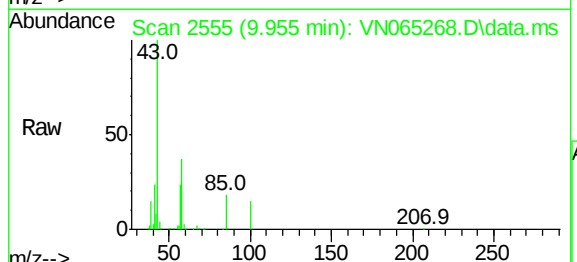
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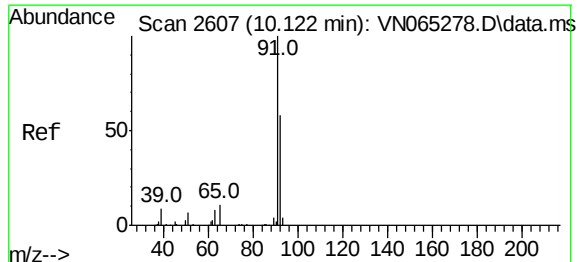
Tgt Ion: 98 Resp: 499337
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



4-Methyl-2-Pentanone
Concen: 25.71 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

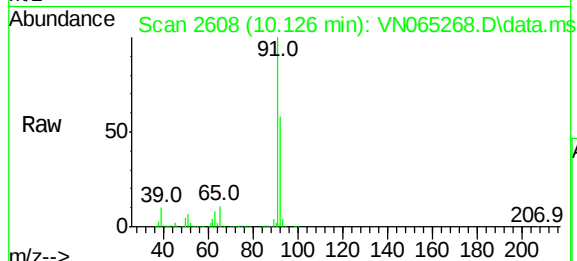
Tgt Ion: 43 Resp: 90591
Ion Ratio Lower Upper
43 100
58 38.6 32.4 48.6



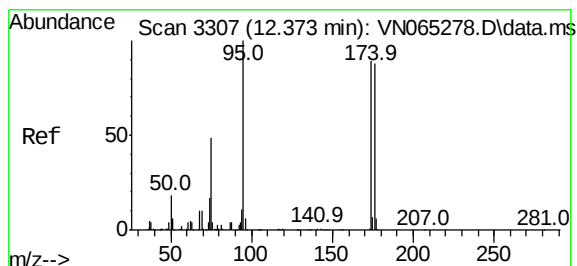
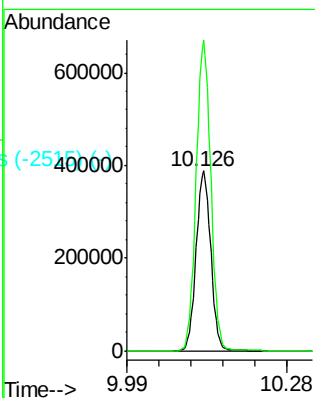
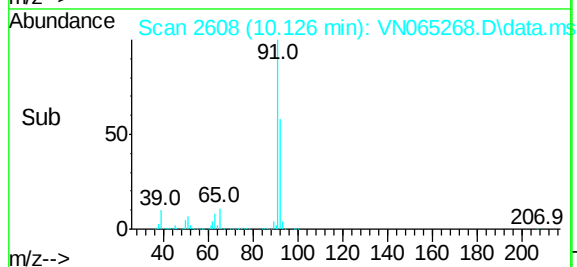


#593 (-)
Toluene
Concen: 102.38 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

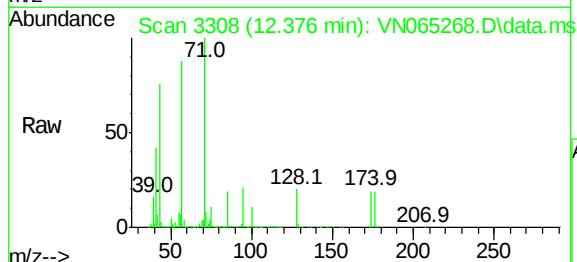
Instrument :
MSVOA_N
ClientSampled :
CGP-11



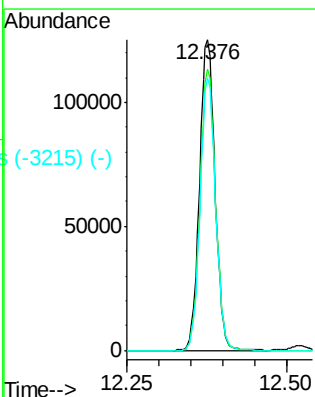
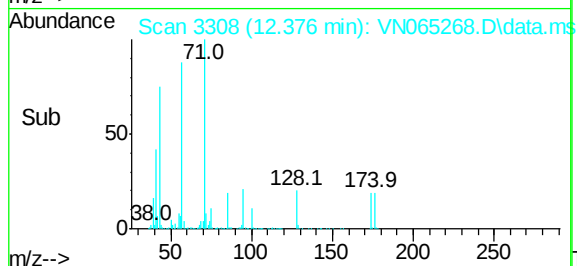
Tgt Ion: 92 Resp: 704221
Ion Ratio Lower Upper
92 100
91 173.5 139.1 208.7

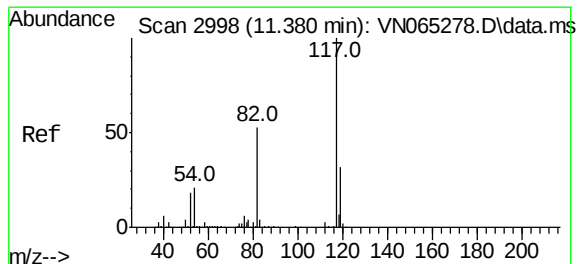


#623 (-)
4-Bromofluorobenzene
Concen: 58.15 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57



Tgt Ion: 95 Resp: 213136
Ion Ratio Lower Upper
95 100
174 90.4 0.0 160.4
176 87.5 0.0 158.4

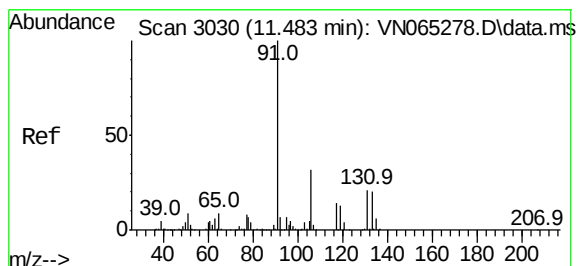
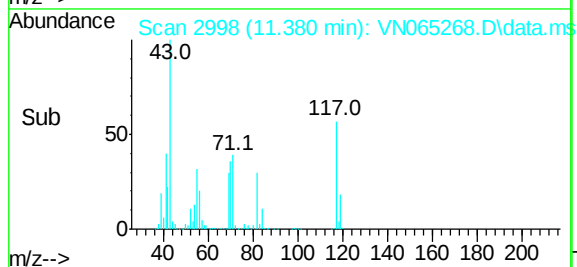
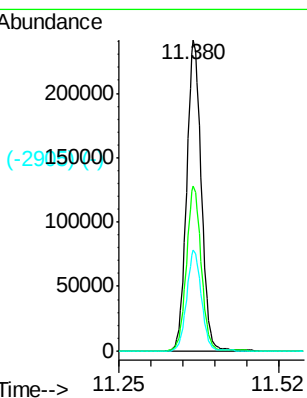
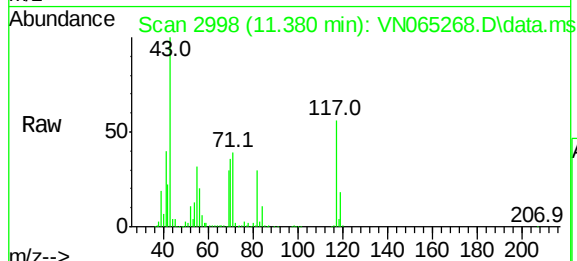




Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.380 min Scan# 2998
 Delta R.T. -0.000 min
 Lab File: VN065268.D
 Acq: 24 Dec 2020 17:57

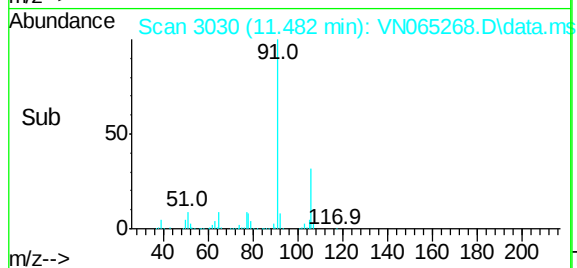
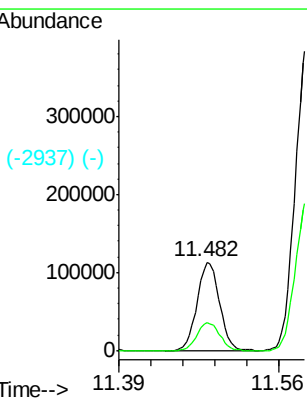
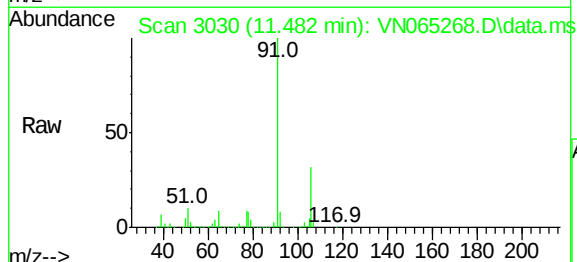
Instrument :
 MSVOA_N
 ClientSampled :
 CGP-11

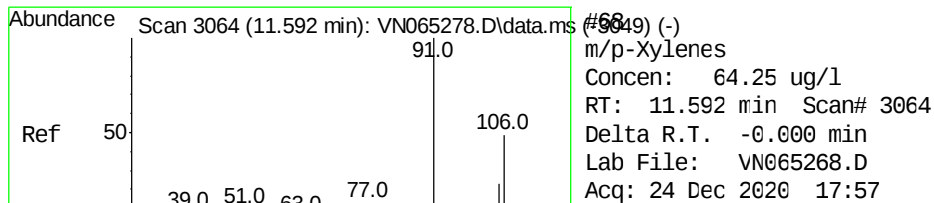
Tgt Ion:	117	Resp:	422374
Ion Ratio	Lower	Upper	
117	100		
82	53.2	44.2	66.2
119	32.3	25.8	38.6



Ethyl Benzene
 Concen: 12.16 ug/l
 RT: 11.482 min Scan# 3030
 Delta R.T. 0.000 min
 Lab File: VN065268.D
 Acq: 24 Dec 2020 17:57

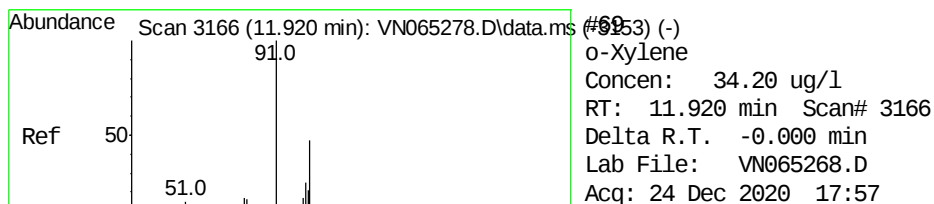
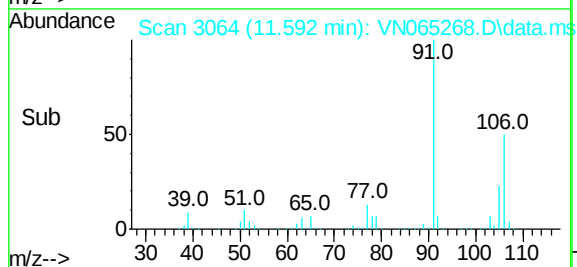
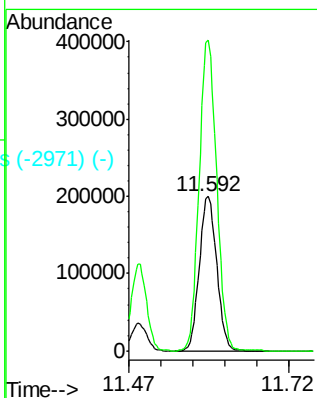
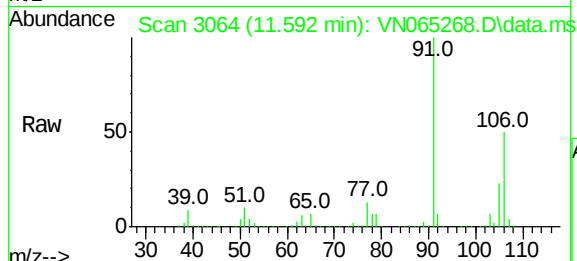
Tgt Ion:	91	Resp:	188398
Ion Ratio	Lower	Upper	
91	100		
106	31.6	25.2	37.8



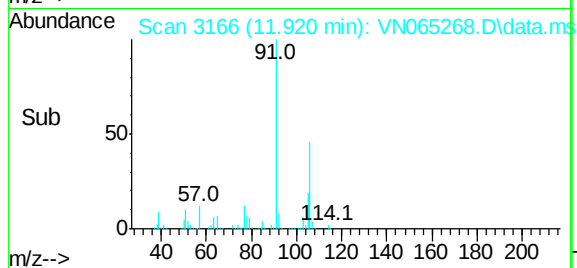
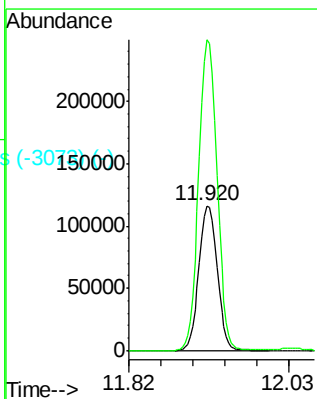
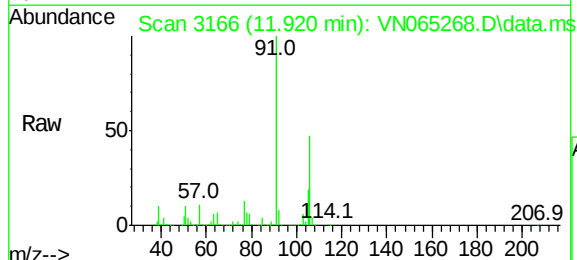


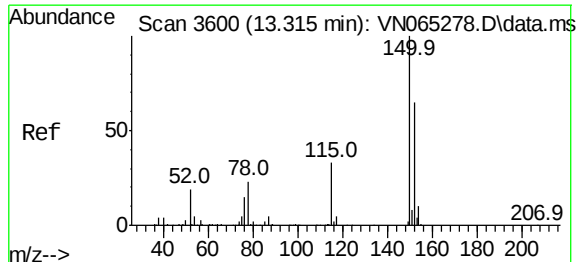
Instrument :
MSVOA_N
ClientSampled :
CGP-11

Tgt Ion:106 Resp: 374976
Ion Ratio Lower Upper
106 100
91 202.5 161.0 241.4



Tgt Ion:106 Resp: 193776
Ion Ratio Lower Upper
106 100
91 215.5 105.5 316.5

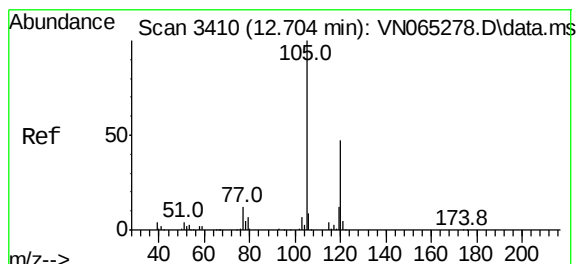
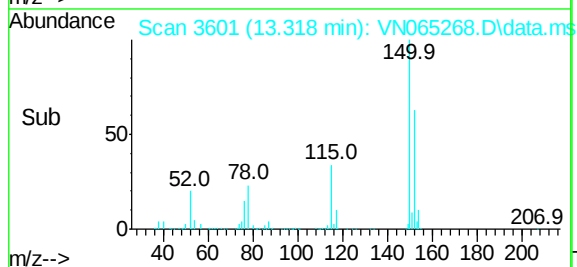
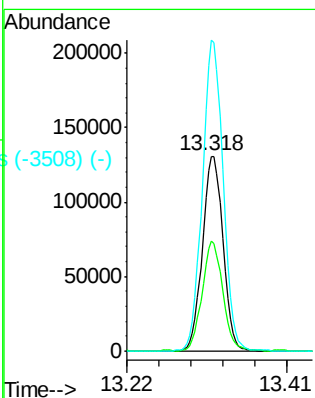
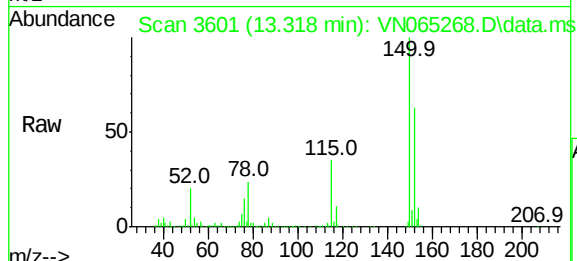




#3607 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

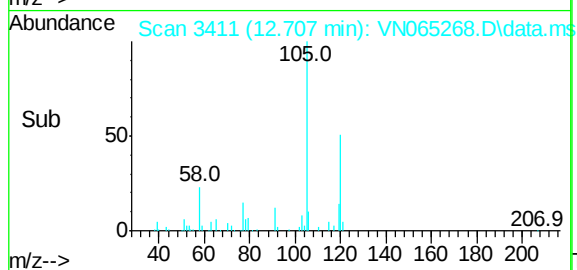
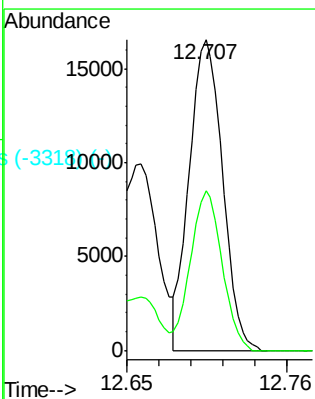
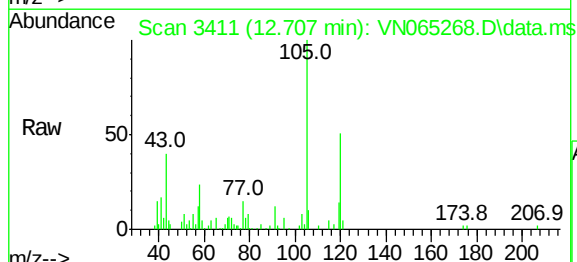
Instrument :
MSVOA_N
ClientSampleId :
CGP-11

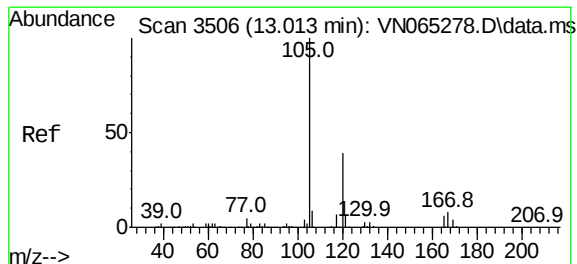
Tgt Ion:152 Resp: 218057
Ion Ratio Lower Upper
152 100
115 56.2 29.7 89.1
150 161.2 0.0 350.6



#3496 (-)
1,3,5-Trimethylbenzene
Concen: 1.86 ug/l
RT: 12.707 min Scan# 3411
Delta R.T. -0.001 min
Lab File: VN065268.D
Acq: 24 Dec 2020 17:57

Tgt Ion:105 Resp: 26380
Ion Ratio Lower Upper
105 100
120 49.3 24.6 73.6

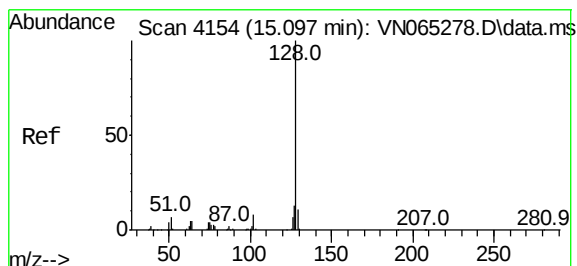
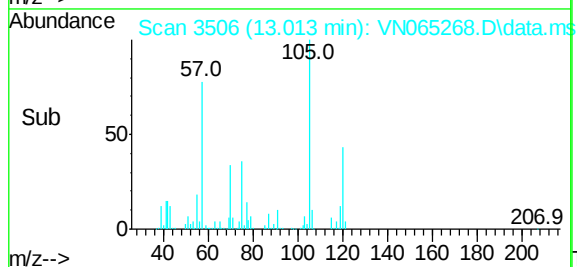
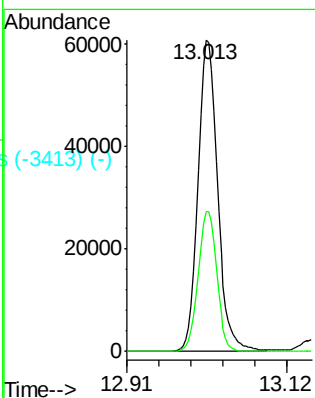
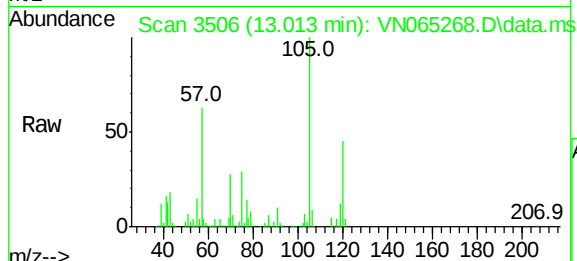




#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 7.64 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065268.D
 Acq: 24 Dec 2020 17:57

Instrument :
 MSVOA_N
 ClientSampled :
 CGP-11

Tgt Ion:105 Resp: 105356
 Ion Ratio Lower Upper
 105 100
 120 42.1 23.1 69.2



#9540 (-)
 Naphthalene
 Concen: 12.95 ug/l
 RT: 15.096 min Scan# 4154
 Delta R.T. 0.000 min
 Lab File: VN065268.D
 Acq: 24 Dec 2020 17:57

Tgt Ion:128 Resp: 116041
 Ion Ratio Lower Upper
 128 100
 127 13.1 10.3 15.5
 129 11.3 8.7 13.1

