

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065213.D
 Acq On : 22 Dec 2020 22:14
 Operator : JC/MD
 Sample : L5159-16 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-8

Quant Time: Dec 23 03:45:19 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	229989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	382169	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	401263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.315	152	195058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.991	65	135631	52.24	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	104.48%
35) Dibromofluoromethane	7.553	113	120075	52.08	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	104.16%
50) Toluene-d8	10.058	98	470934	54.50	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.00%
62) 4-Bromofluorobenzene	12.373	95	198037	57.13	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	114.26%

Target Compounds

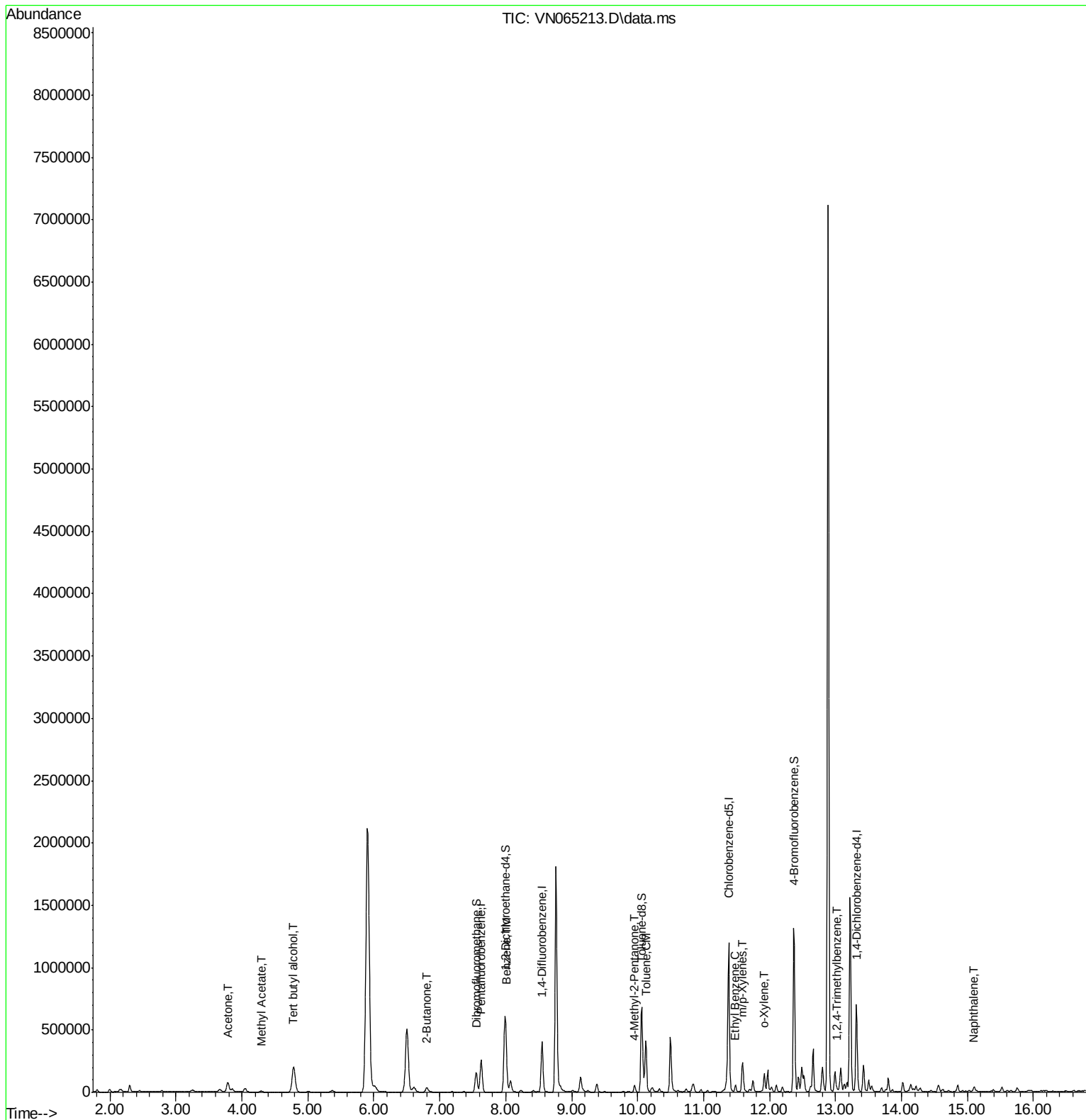
						Qvalue
11) Tert butyl alcohol	4.775	59	89049	209.61	ug/l	# 88
16) Acetone	3.788	43	116475	100.47	ug/l	96
18) Methyl Acetate	4.290	43	17294	7.42	ug/l	98
25) 2-Butanone	6.804	43	44892	30.80	ug/l	96
40) Benzene	8.003	78	294873	28.52	ug/l	95
51) 4-Methyl-2-Pentanone	9.955	43	37753	11.31	ug/l	96
52) Toluene	10.126	92	179558	27.56	ug/l	99
67) Ethyl Benzene	11.482	91	37678	2.56	ug/l	99
68) m/p-Xylenes	11.592	106	77530	13.98	ug/l	99
69) o-Xylene	11.920	106	38278	7.11	ug/l	96
84) 1,2,4-Trimethylbenzene	13.013	105	22386	1.81	ug/l	92
95) Naphthalene	15.096	128	18542	5.08	ug/l	96

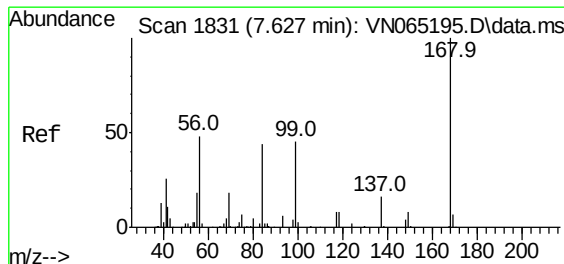
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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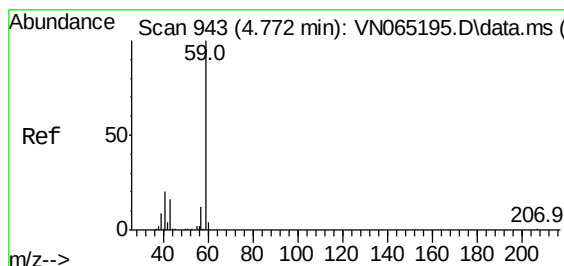
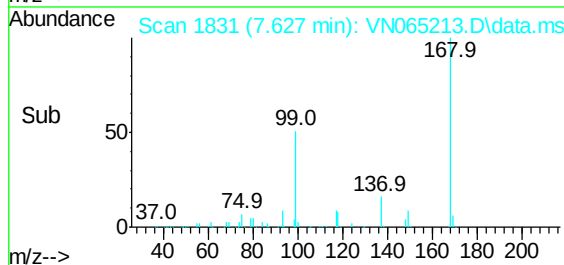
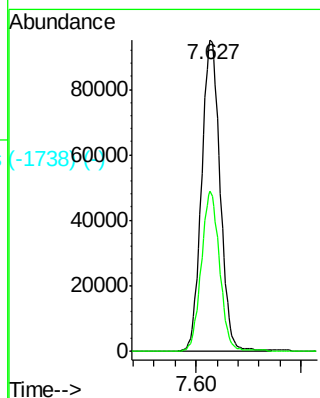
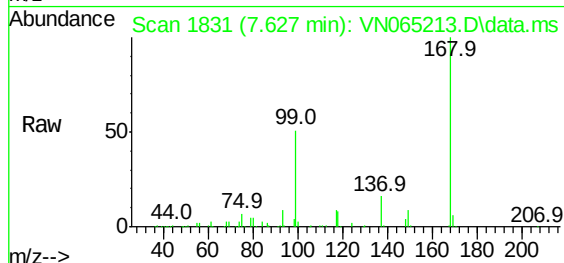




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.627 min Scan# 1831
 Delta R.T. 0.000 min
 Lab File: VN065213.D
 Acq: 22 Dec 2020 22:14

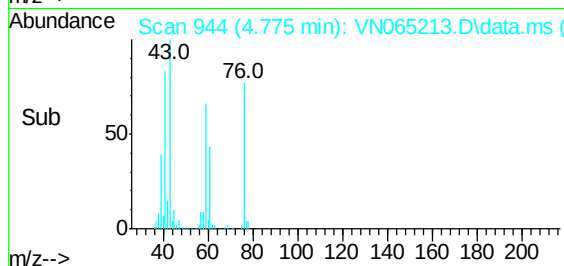
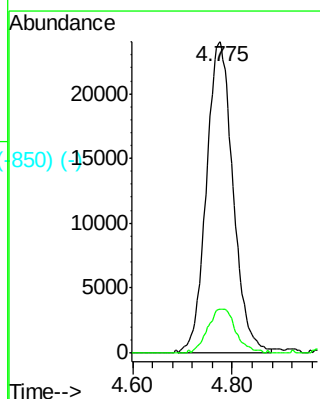
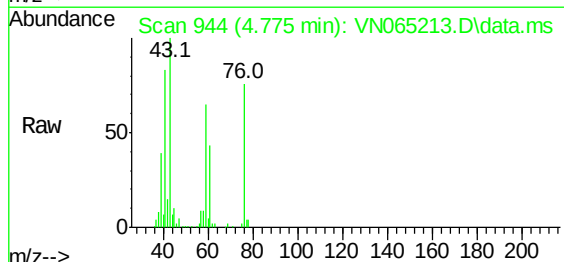
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-8

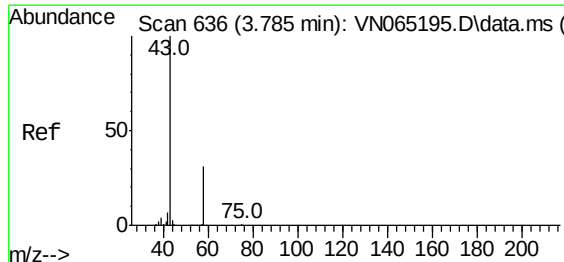
Tgt Ion:168 Resp: 229989
 Ion Ratio Lower Upper
 168 100
 99 51.2 43.0 64.4



Tert butyl alcohol
 Concen: 209.61 ug/l
 RT: 4.775 min Scan# 944
 Delta R.T. 0.003 min
 Lab File: VN065213.D
 Acq: 22 Dec 2020 22:14

Tgt Ion: 59 Resp: 89049
 Ion Ratio Lower Upper
 59 100
 57 14.4 7.9 11.9#

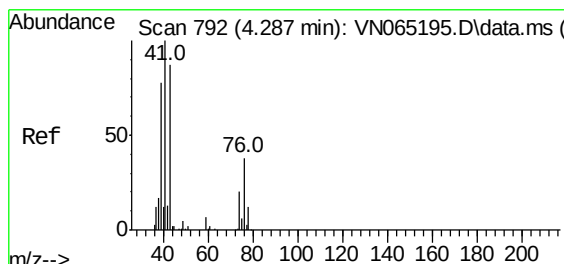
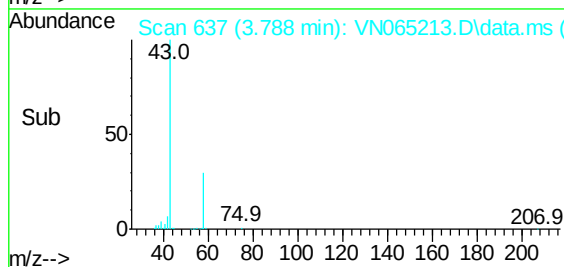
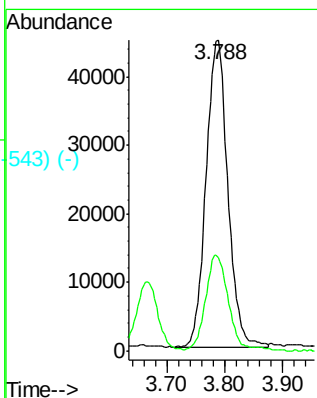
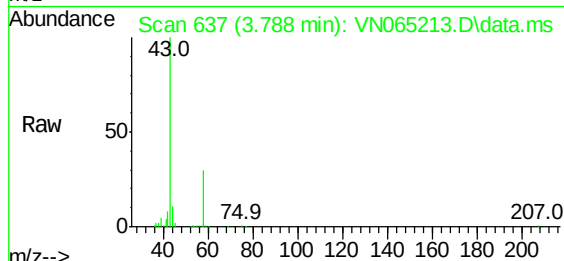




Acetone
Concen: 100.47 ug/l
RT: 3.788 min Scan# 637
Delta R.T. 0.003 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

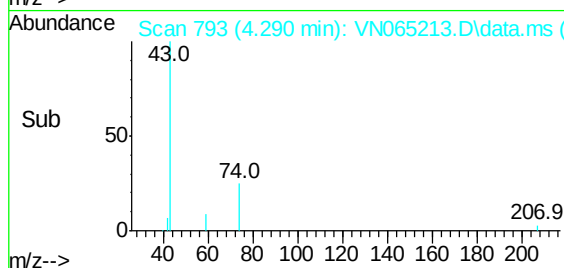
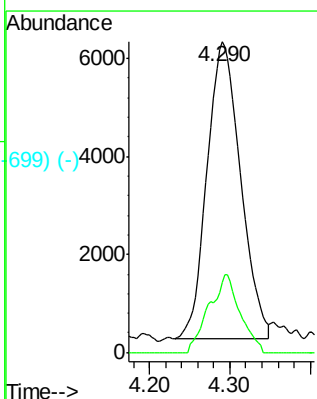
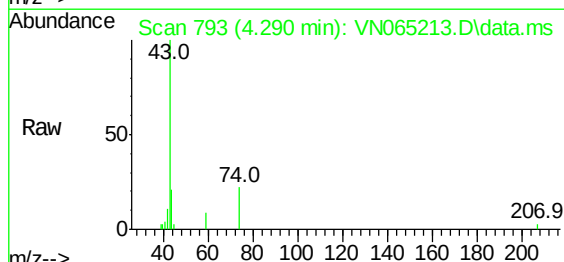
Instrument :
MSVOA_N
ClientSampled :
CGP-8

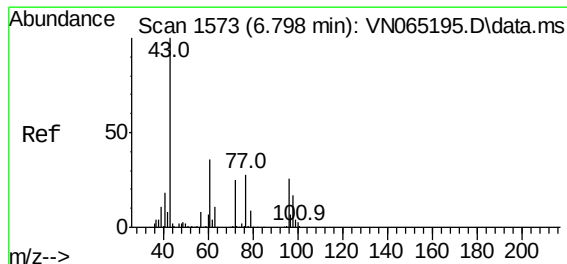
Tgt Ion: 43 Resp: 116475
Ion Ratio Lower Upper
43 100
58 29.8 25.7 38.5



Methyl Acetate
Concen: 7.42 ug/l
RT: 4.290 min Scan# 793
Delta R.T. 0.003 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion: 43 Resp: 17294
Ion Ratio Lower Upper
43 100
74 24.1 20.2 30.2

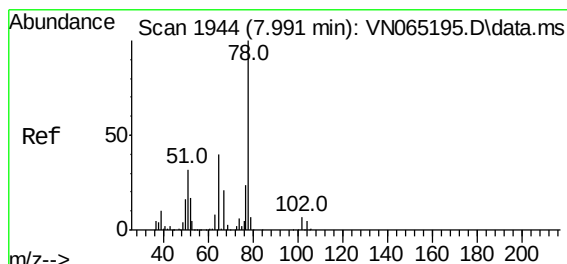
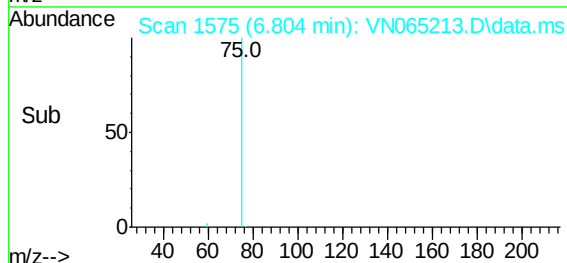
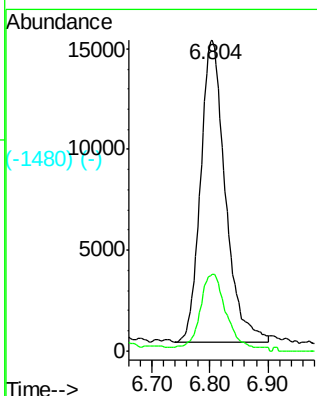
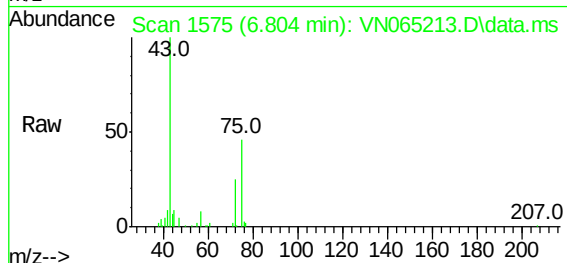




#157 (-)
2-Butanone
Concen: 30.80 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

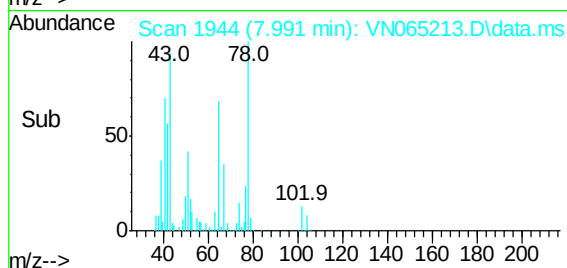
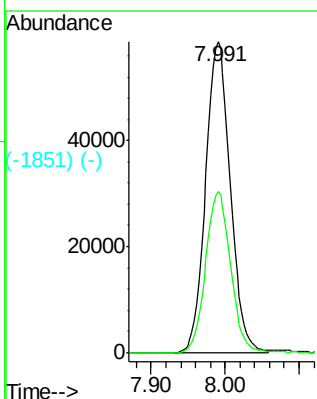
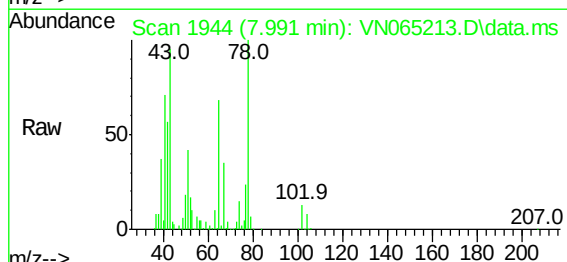
Instrument :
MSVOA_N
ClientSampleId :
CGP-8

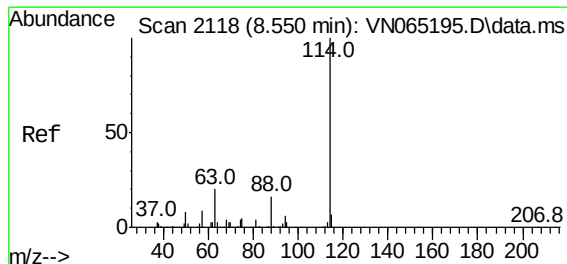
Tgt Ion: 43 Resp: 44892
Ion Ratio Lower Upper
43 100
72 24.3 21.0 31.6



#194 (-)
1,2-Dichloroethane-d4
Concen: 52.24 ug/l
RT: 7.991 min Scan# 1944
Delta R.T. -0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion: 65 Resp: 135631
Ion Ratio Lower Upper
65 100
67 52.1 0.0 108.2



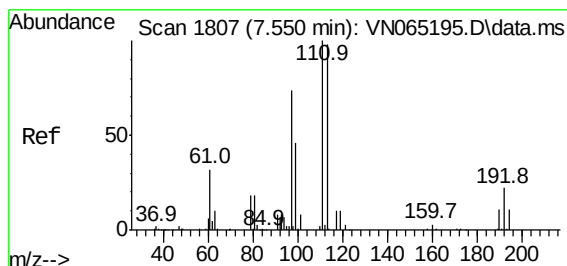
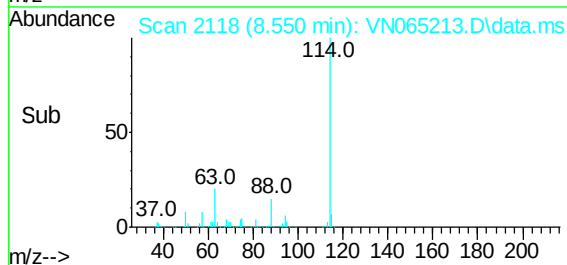
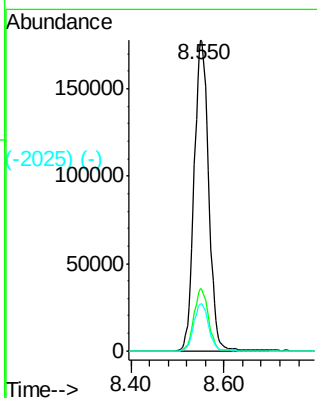
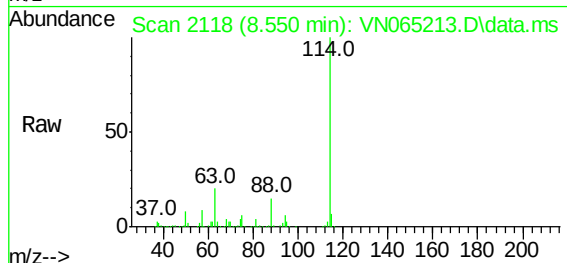


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. 0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Instrument :
MSVOA_N
ClientSampleId :
CGP-8

Tgt Ion:114 Resp: 382169

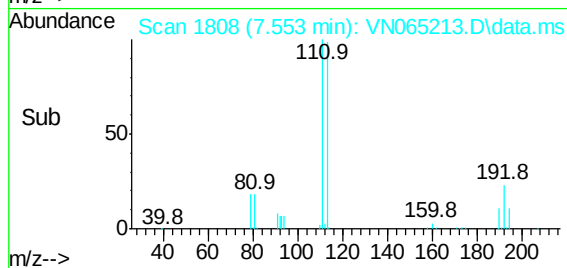
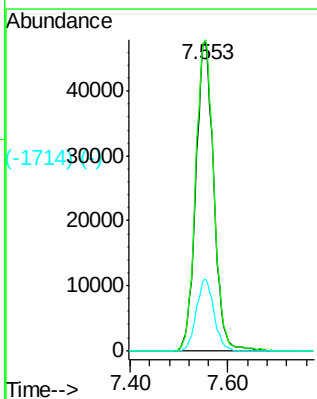
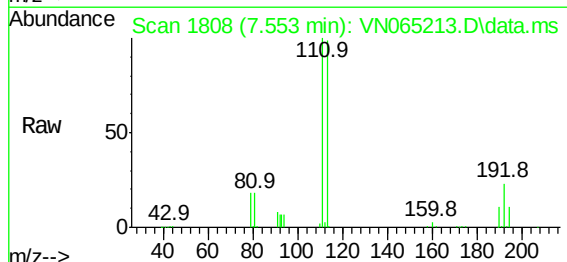
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	38.6
88	15.3	0.0	32.6

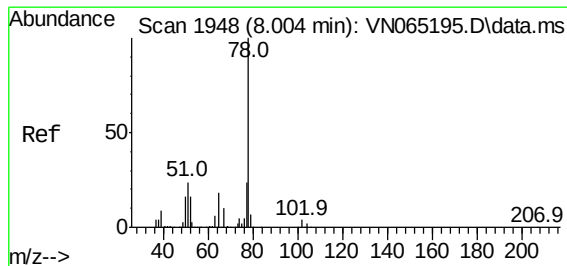


Dibromofluoromethane
Concen: 52.08 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion:113 Resp: 120075

Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	22.5	16.2	24.2

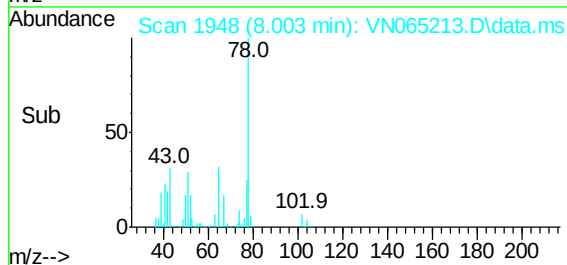
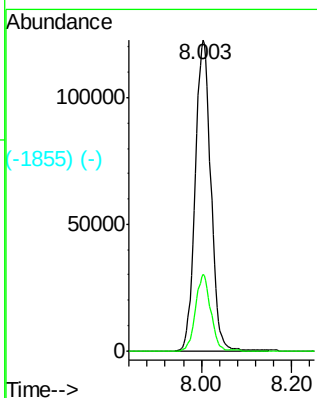
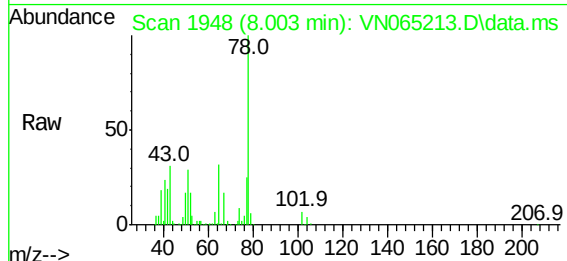




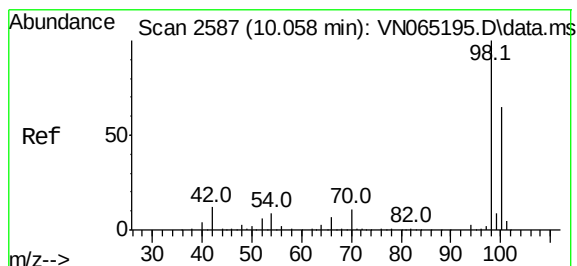
#498 (-)
Benzene
Concen: 28.52 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Instrument :
MSVOA_N
ClientSampled :
CGP-8

Tgt Ion: 78 Resp: 294873
Ion Ratio Lower Upper
78 100
77 24.6 17.9 26.9

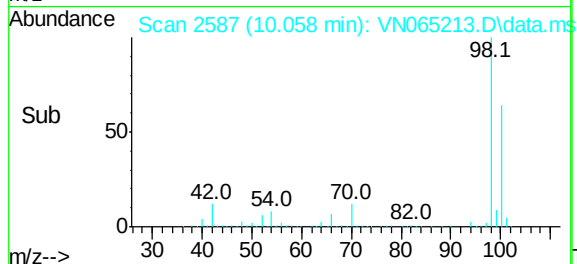
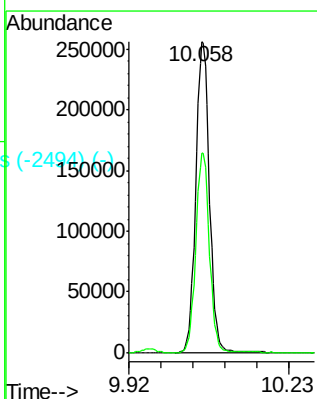
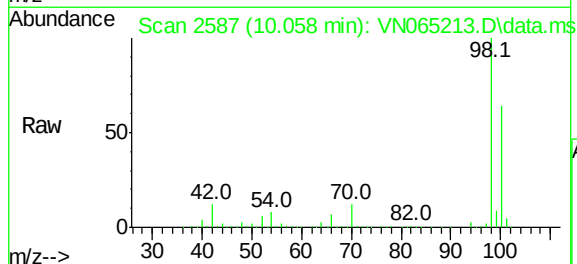


(-1855) (-)

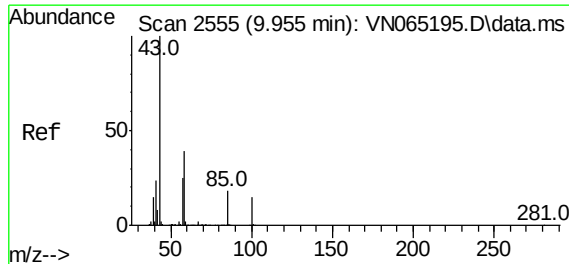


#5971 (-)
Toluene-d8
Concen: 54.50 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion: 98 Resp: 470934
Ion Ratio Lower Upper
98 100
100 64.5 51.7 77.5



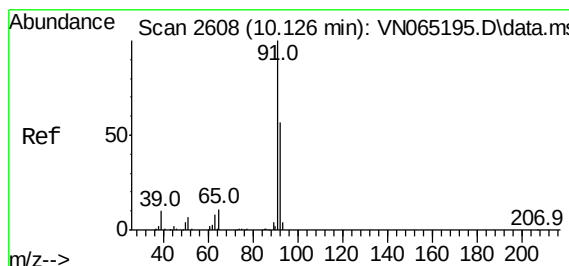
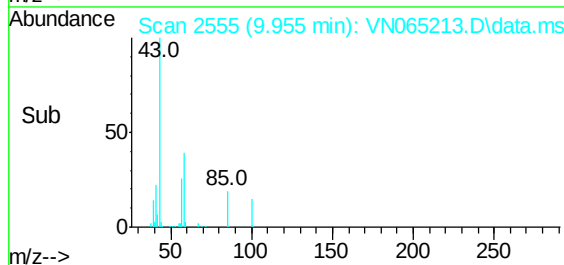
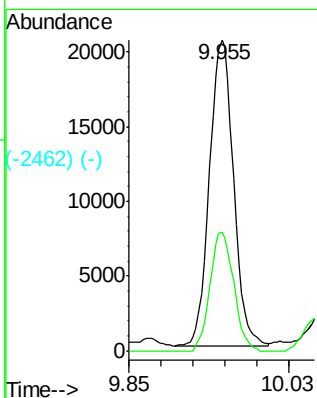
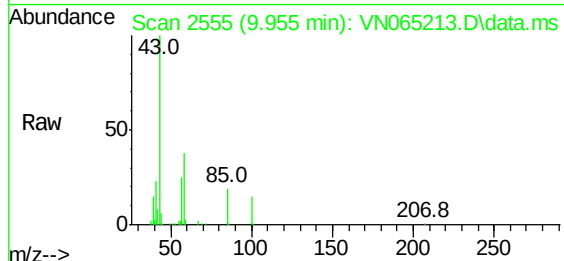
(-2494) (-)



#518 (-)
4-Methyl-2-Pentanone
Concen: 11.31 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

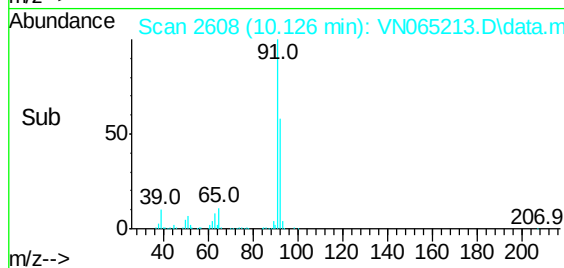
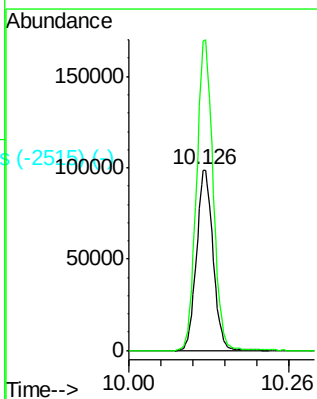
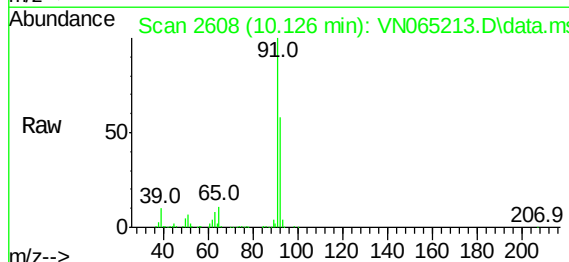
Instrument :
MSVOA_N
ClientSampleId :
CGP-8

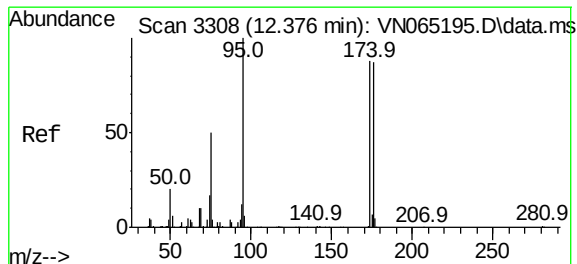
Tgt Ion: 43 Resp: 37753
Ion Ratio Lower Upper
43 100
58 38.0 32.4 48.6



#519 (-)
Toluene
Concen: 27.56 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion: 92 Resp: 179558
Ion Ratio Lower Upper
92 100
91 173.1 139.1 208.7

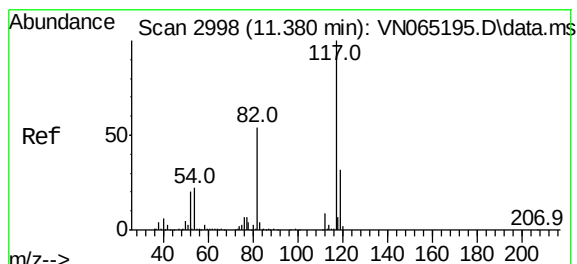
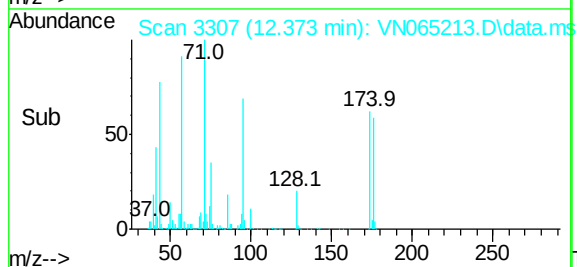
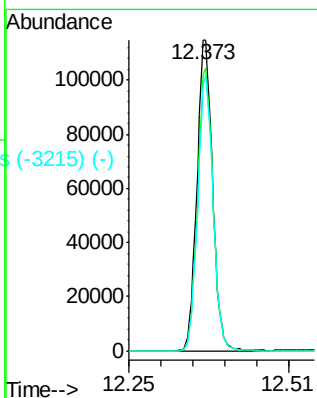
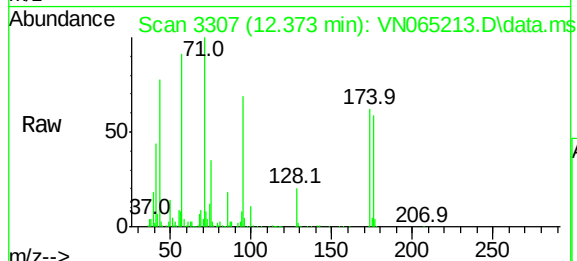




#6294 (-)
 4-Bromofluorobenzene
 Concen: 57.13 ug/l
 RT: 12.373 min Scan# 3307
 Delta R.T. -0.003 min
 Lab File: VN065213.D
 Acq: 22 Dec 2020 22:14

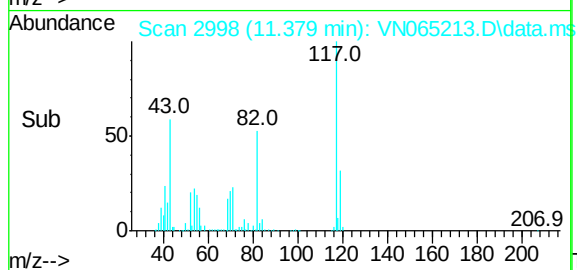
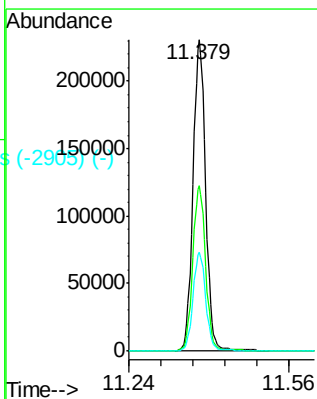
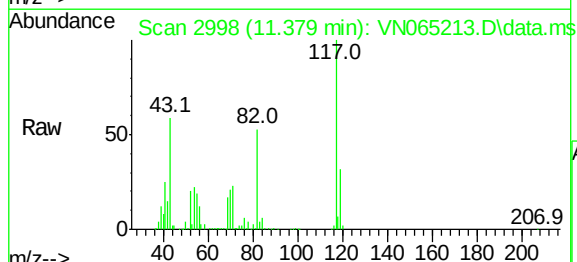
Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-8

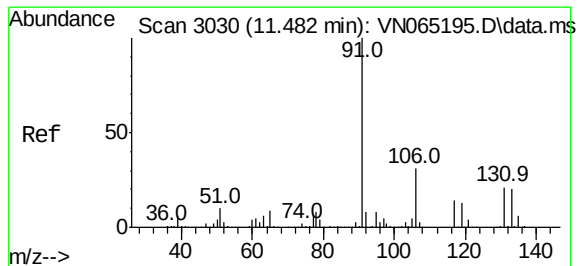
Tgt Ion:	95	Resp:	198037
Ion Ratio	Lower	Upper	
95	100		
174	89.9	0.0	160.4
176	86.9	0.0	158.4



#6293 (-)
 Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.379 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: VN065213.D
 Acq: 22 Dec 2020 22:14

Tgt Ion:	117	Resp:	401263
Ion Ratio	Lower	Upper	
117	100		
82	53.1	44.2	66.2
119	31.6	25.8	38.6

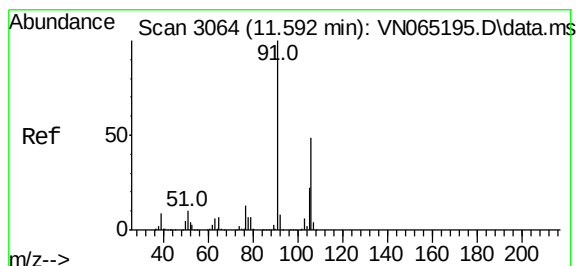
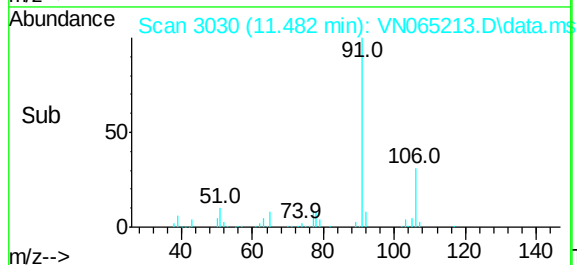
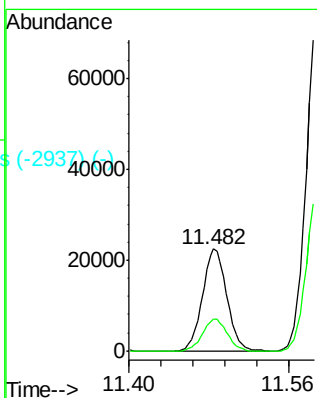
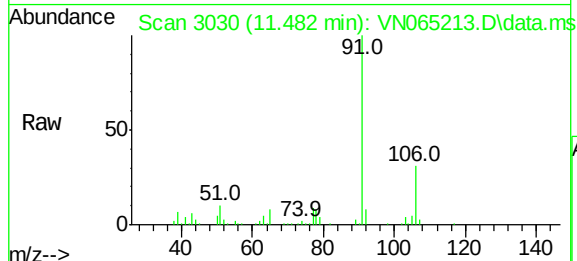




#6715 (-)
Ethyl Benzene
Concen: 2.56 ug/l
RT: 11.482 min Scan# 3030
Delta R.T. 0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

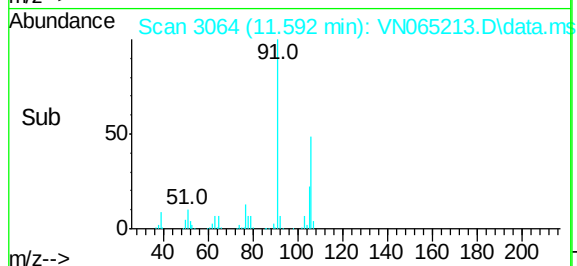
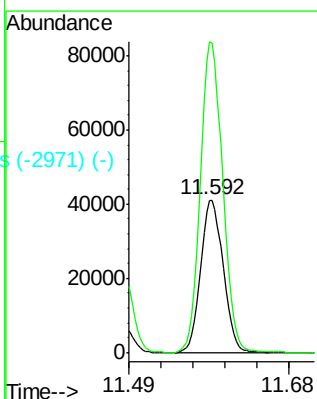
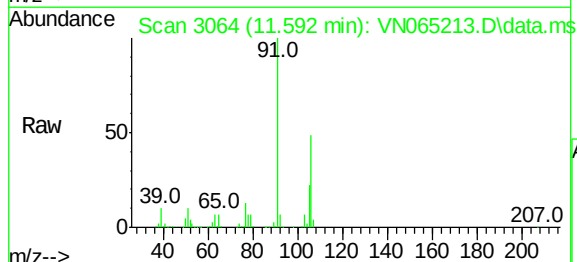
Instrument :
MSVOA_N
ClientSampled :
CGP-8

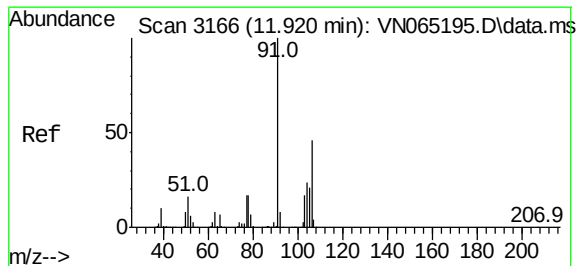
Tgt Ion: 91 Resp: 37678
Ion Ratio Lower Upper
91 100
106 31.1 25.2 37.8



#6648 (-)
m/p-Xylenes
Concen: 13.98 ug/l
RT: 11.592 min Scan# 3064
Delta R.T. -0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion:106 Resp: 77530
Ion Ratio Lower Upper
106 100
91 202.6 161.0 241.4

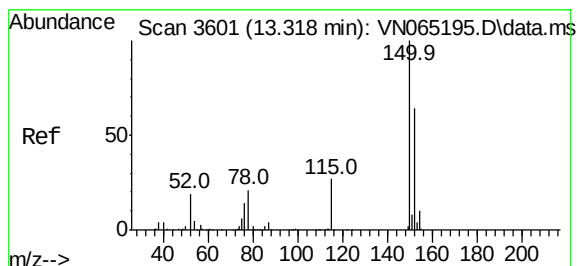
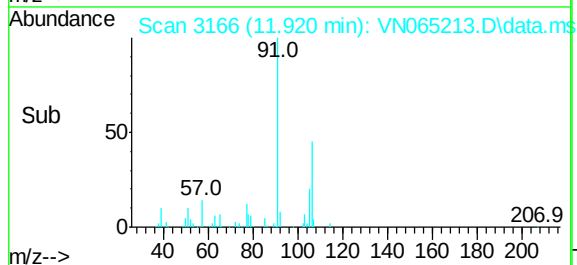
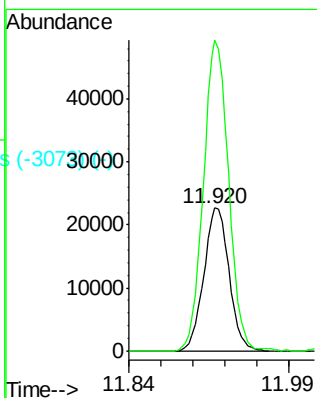
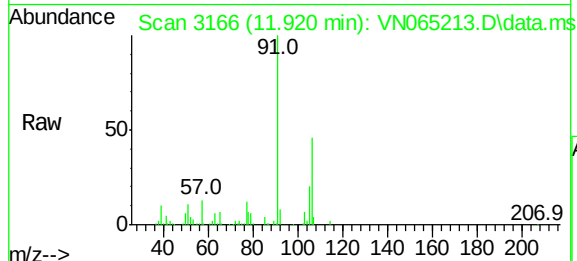




#6952 (-)
o-Xylene
Concen: 7.11 ug/l
RT: 11.920 min Scan# 3166
Delta R.T. -0.000 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

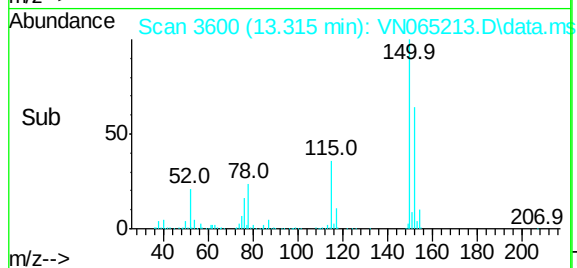
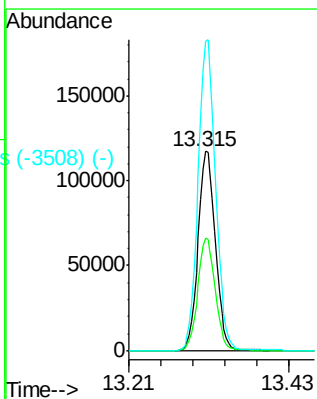
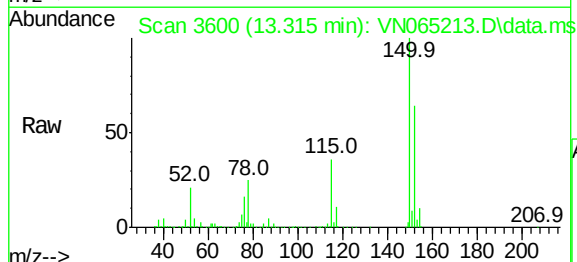
Instrument :
MSVOA_N
ClientSampled :
CGP-8

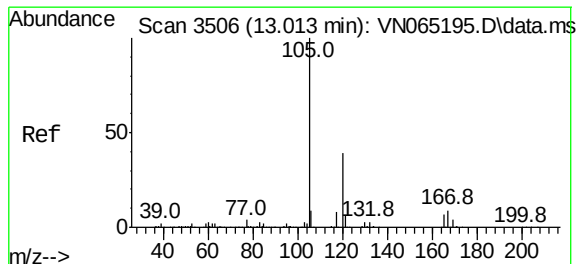
Tgt Ion:106 Resp: 38278
Ion Ratio Lower Upper
106 100
91 217.6 105.5 316.5



#7387 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.315 min Scan# 3600
Delta R.T. -0.003 min
Lab File: VN065213.D
Acq: 22 Dec 2020 22:14

Tgt Ion:152 Resp: 195058
Ion Ratio Lower Upper
152 100
115 56.6 29.7 89.1
150 157.6 0.0 350.6

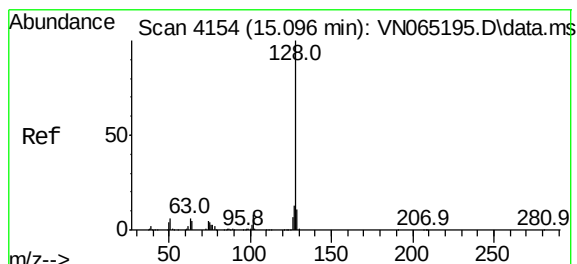
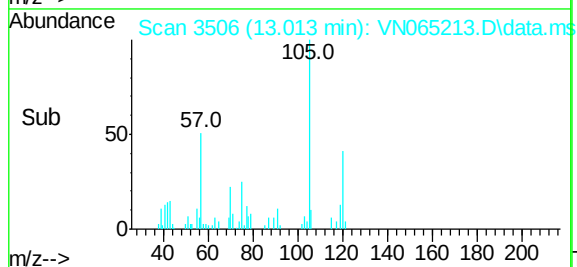
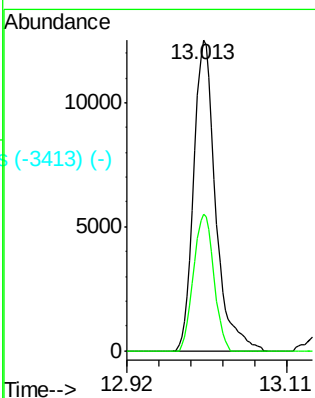
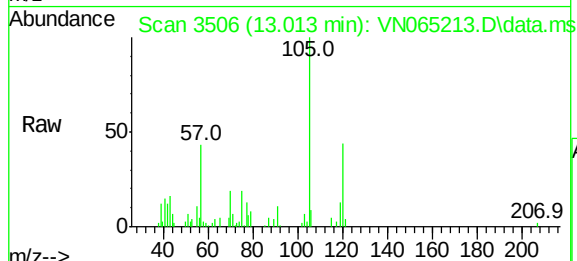




#8494 (-)
 1,2,4-Trimethylbenzene
 Concen: 1.81 ug/l
 RT: 13.013 min Scan# 3506
 Delta R.T. -0.000 min
 Lab File: VN065213.D
 Acq: 22 Dec 2020 22:14

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-8

Tgt Ion:105 Resp: 22386
 Ion Ratio Lower Upper
 105 100
 120 40.8 23.1 69.2



#9139 (-)
 Naphthalene
 Concen: 5.08 ug/l
 RT: 15.096 min Scan# 4154
 Delta R.T. 0.000 min
 Lab File: VN065213.D
 Acq: 22 Dec 2020 22:14

Tgt Ion:128 Resp: 18542
 Ion Ratio Lower Upper
 128 100
 127 11.6 10.3 15.5
 129 12.7 8.7 13.1

