

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122220\
 Data File : VN065216.D
 Acq On : 22 Dec 2020 23:28
 Operator : JC/MD
 Sample : L5159-22 50X
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-11

Quant Time: Dec 23 03:46:42 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	235675	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	390389	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.379	117	407155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	193619	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.990	65	140015	52.63	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	105.26%
35) Dibromofluoromethane	7.553	113	121608	51.63	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	103.26%
50) Toluene-d8	10.058	98	483903	54.82	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	109.64%
62) 4-Bromofluorobenzene	12.376	95	200438	56.66	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	113.32%

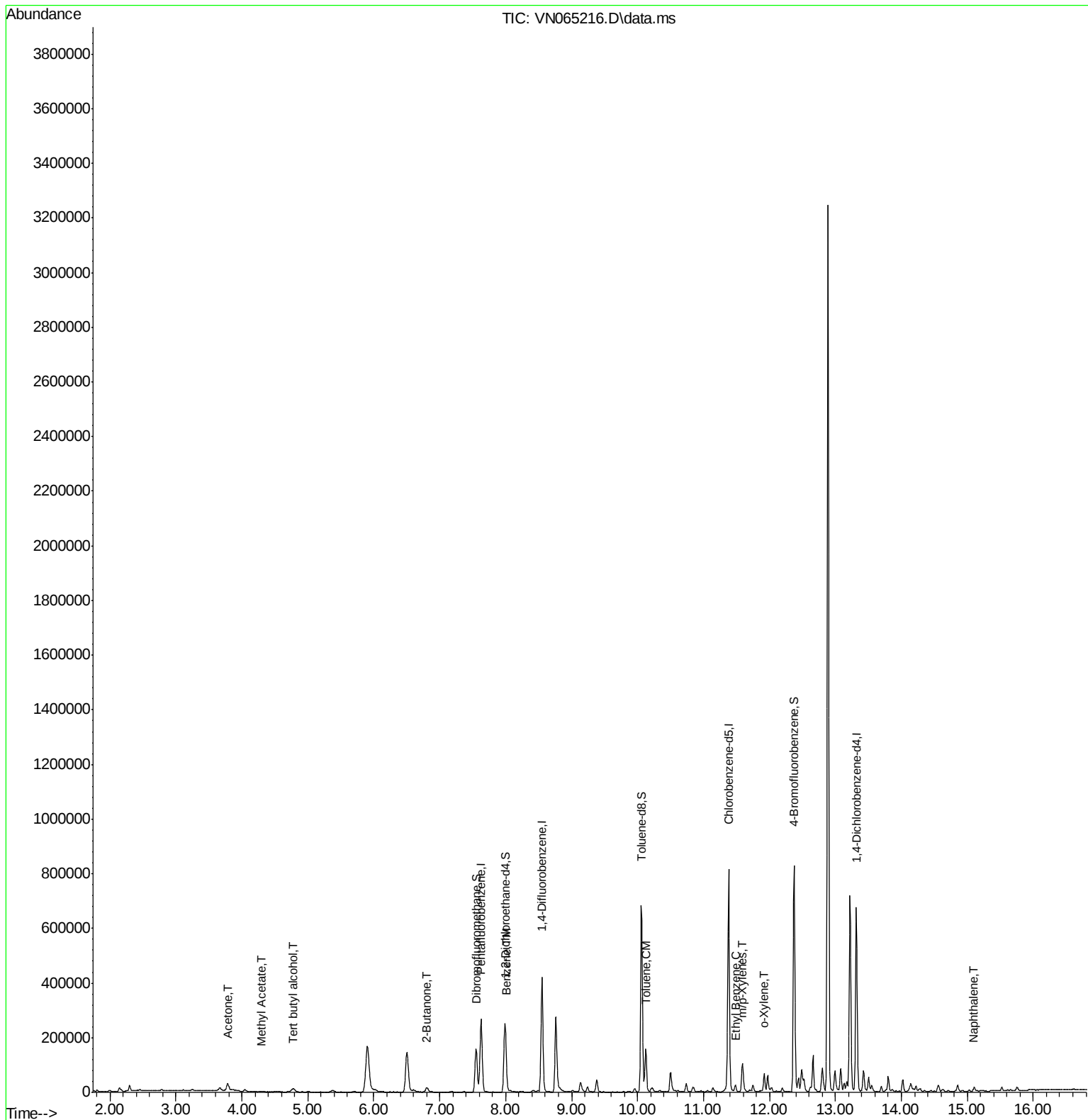
Target Compounds						Qvalue
11) Tert butyl alcohol	4.772	59	18985	43.61	ug/l #	93
16) Acetone	3.785	43	39990	26.19	ug/l	97
18) Methyl Acetate	4.296	43	6530	2.73	ug/l #	83
25) 2-Butanone	6.804	43	18557	12.42	ug/l	100
40) Benzene	8.003	78	54325	5.14	ug/l	96
52) Toluene	10.125	92	66074	9.93	ug/l	99
67) Ethyl Benzene	11.486	91	17936	1.20	ug/l	99
68) m/p-Xylenes	11.588	106	34118	6.06	ug/l	97
69) o-Xylene	11.920	106	17368	3.18	ug/l	93
95) Naphthalene	15.100	128	6997	4.02	ug/l #	94

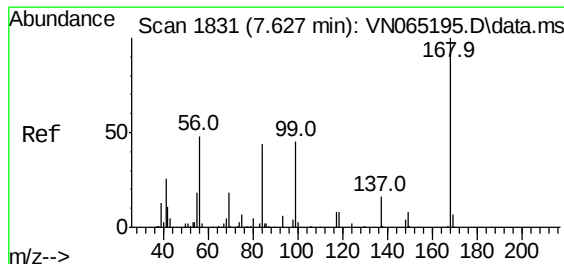
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00mL/MSVOA_N/WATER
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Instrument :
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ClientSampleId :
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Quant Title : SW846 8260
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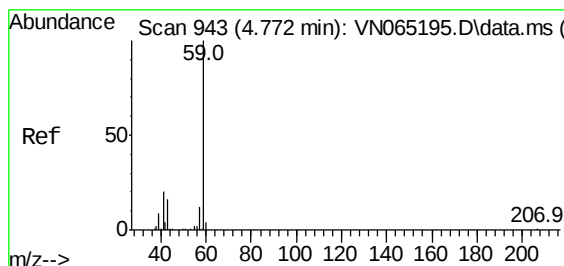
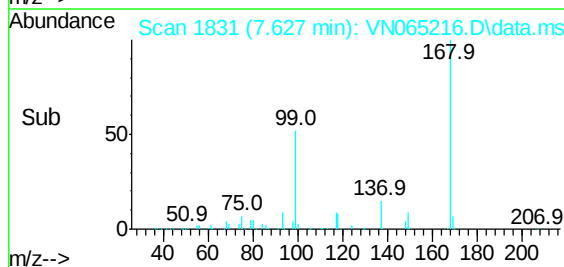
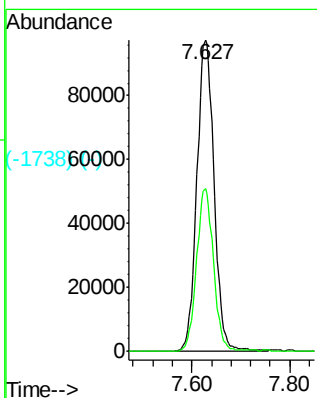
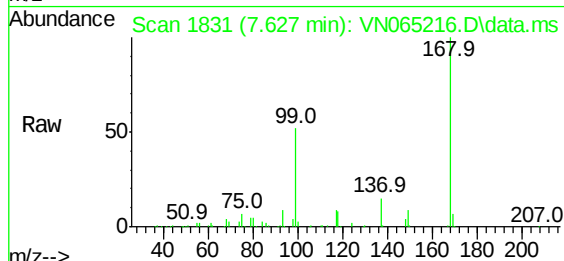




#12 (-)
Pentafuorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

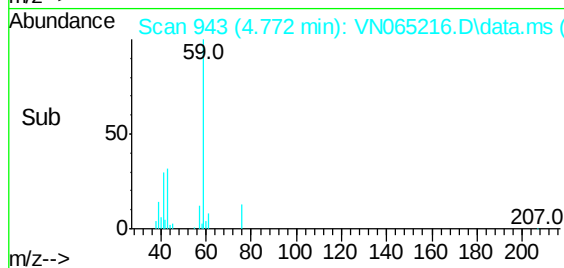
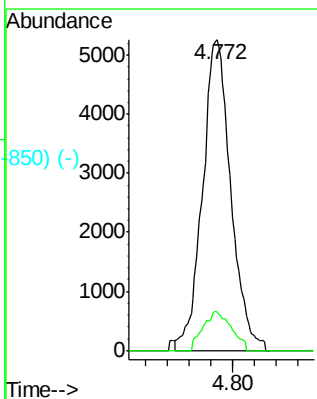
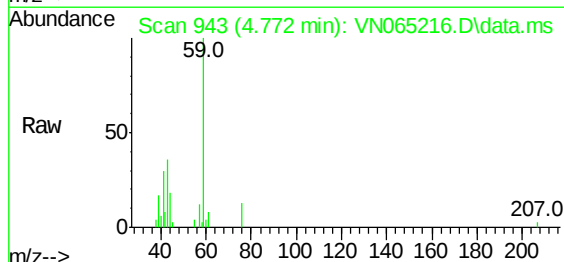
Instrument :
MSVOA_N
ClientSampled :
CGP-11

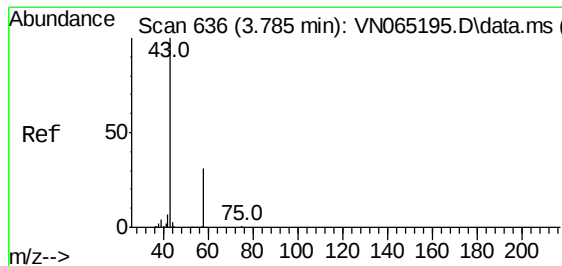
Tgt Ion:168 Resp: 235675
Ion Ratio Lower Upper
168 100
99 52.2 43.0 64.4



#11 (-)
Tert butyl alcohol
Concen: 43.61 ug/l
RT: 4.772 min Scan# 943
Delta R.T. -0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Tgt Ion: 59 Resp: 18985
Ion Ratio Lower Upper
59 100
57 12.5 7.9 11.9#

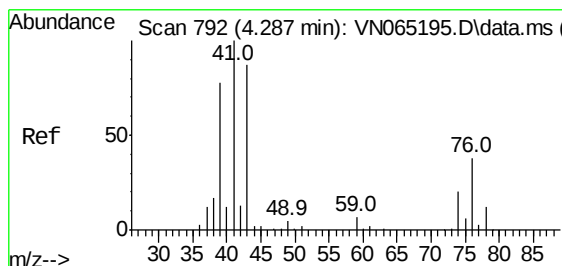
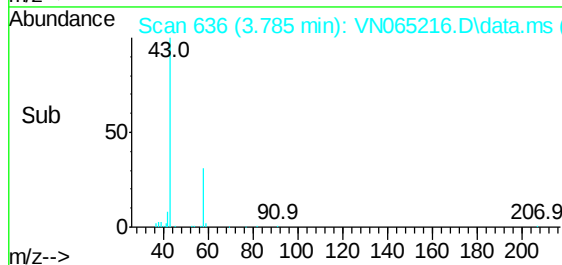
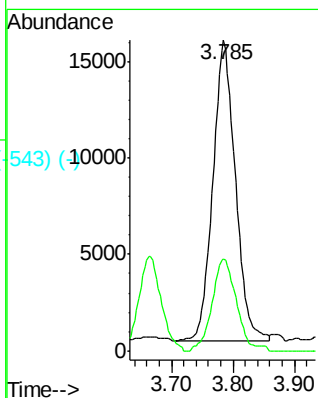
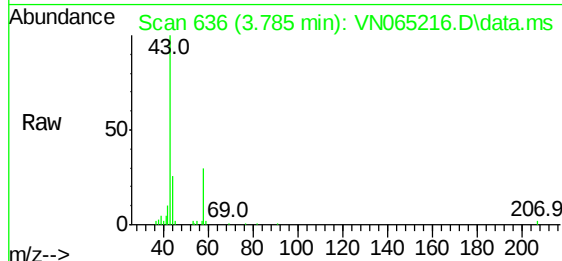




Acetone
Concen: 26.19 ug/l
RT: 3.785 min Scan# 636
Delta R.T. -0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

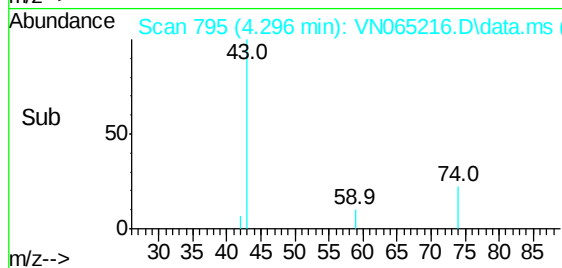
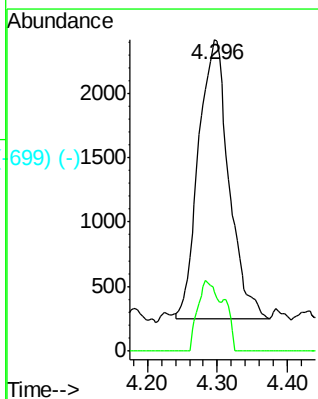
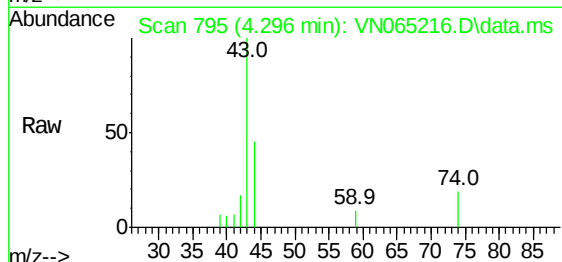
Instrument :
MSVOA_N
ClientSampled :
CGP-11

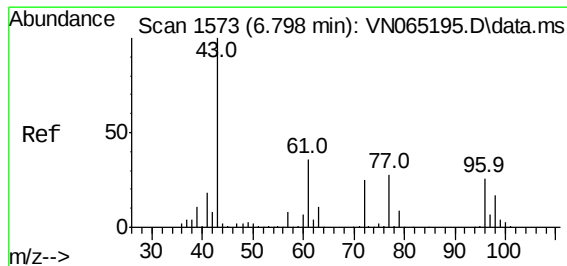
Tgt Ion: 43 Resp: 39990
Ion Ratio Lower Upper
43 100
58 30.6 25.7 38.5



Methyl Acetate
Concen: 2.73 ug/l
RT: 4.296 min Scan# 795
Delta R.T. 0.009 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Tgt Ion: 43 Resp: 6530
Ion Ratio Lower Upper
43 100
74 16.7 20.2 30.2#

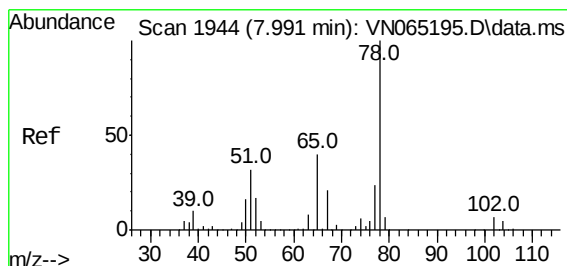
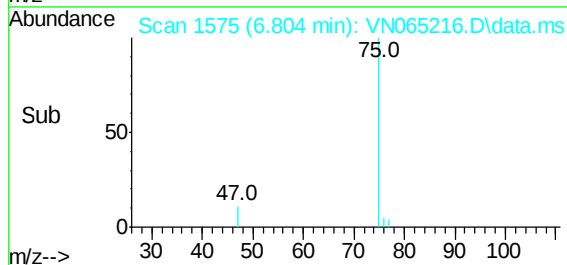
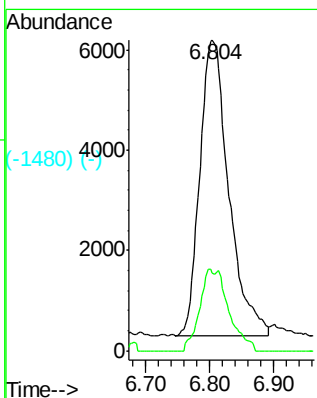
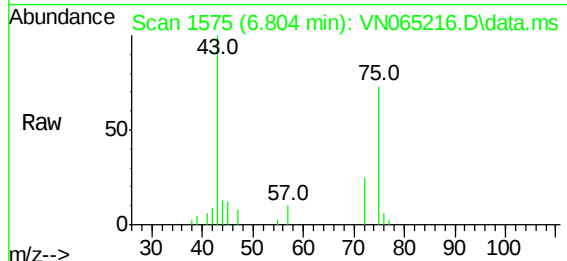




#157 (-)
2-Butanone
Concen: 12.42 ug/l
RT: 6.804 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

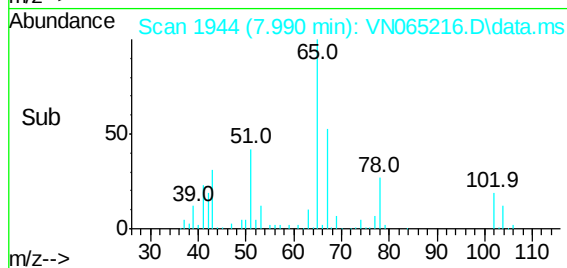
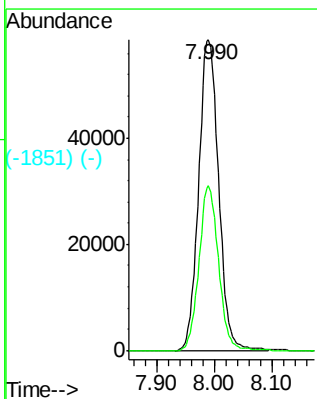
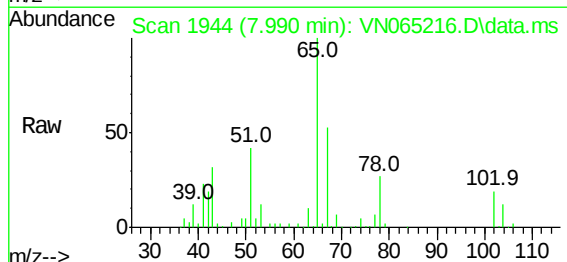
Instrument :
MSVOA_N
ClientSampled :
CGP-11

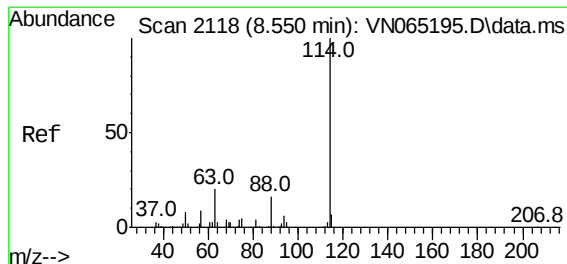
Tgt Ion: 43 Resp: 18557
Ion Ratio Lower Upper
43 100
72 26.2 21.0 31.6



#192 (-)
1,2-Dichloroethane-d4
Concen: 52.63 ug/l
RT: 7.990 min Scan# 1944
Delta R.T. -0.001 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Tgt Ion: 65 Resp: 140015
Ion Ratio Lower Upper
65 100
67 51.8 0.0 108.2



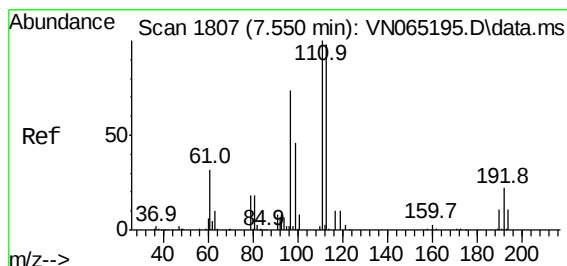
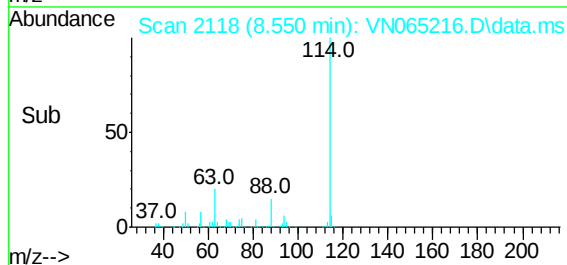
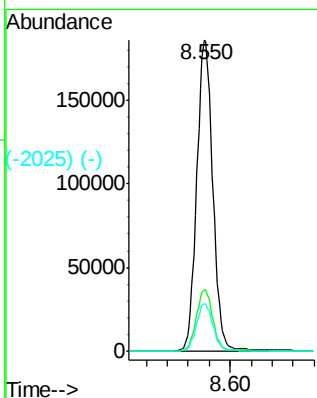
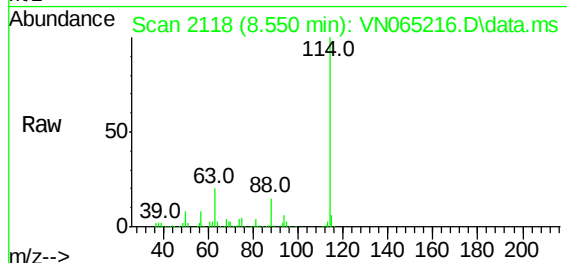


1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.550 min Scan# 2118
Delta R.T. -0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Instrument :
MSVOA_N
ClientSampleId :
CGP-11

Tgt Ion:114 Resp: 390389

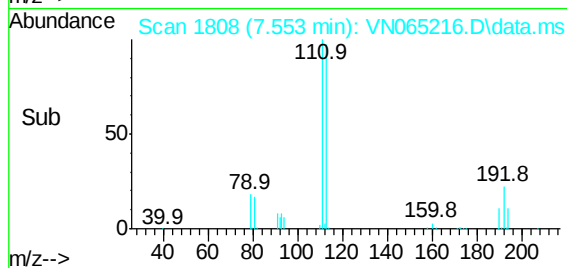
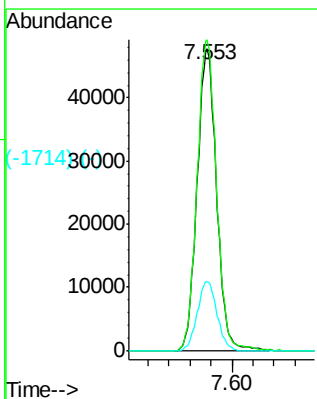
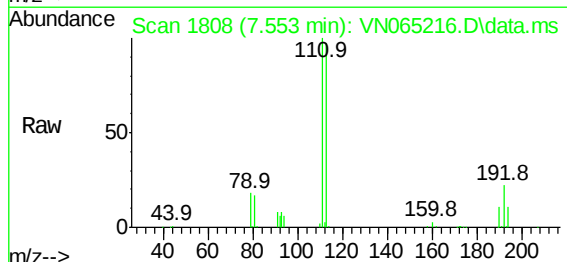
Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	38.6
88	15.2	0.0	32.6

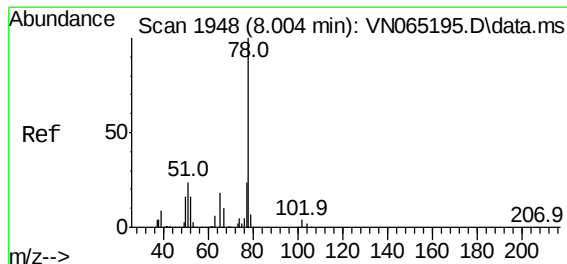


Dibromofluoromethane
Concen: 51.63 ug/l
RT: 7.553 min Scan# 1808
Delta R.T. 0.003 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Tgt Ion:113 Resp: 121608

Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.6	122.4
192	22.9	16.2	24.2

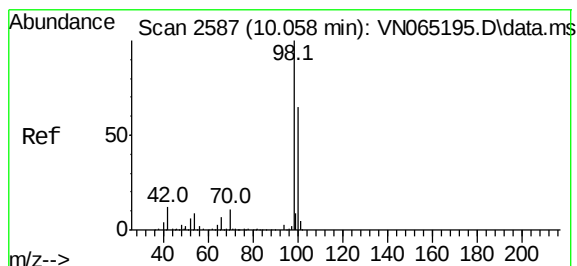
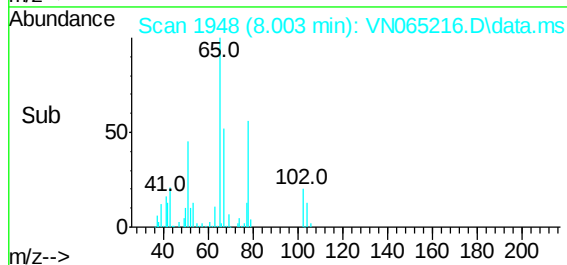
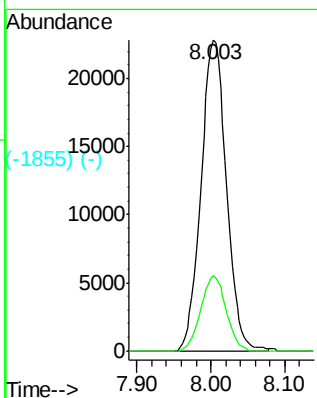
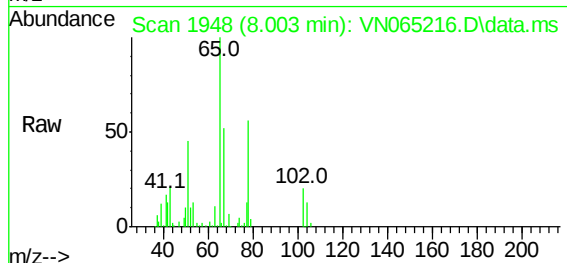




#498 (-)
Benzene
Concen: 5.14 ug/l
RT: 8.003 min Scan# 1948
Delta R.T. -0.001 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

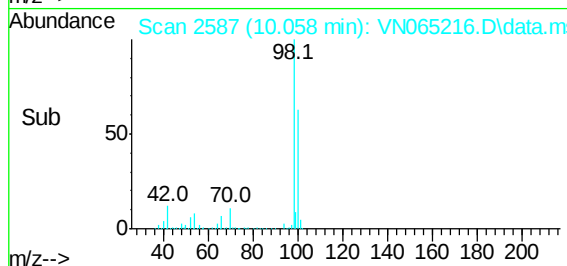
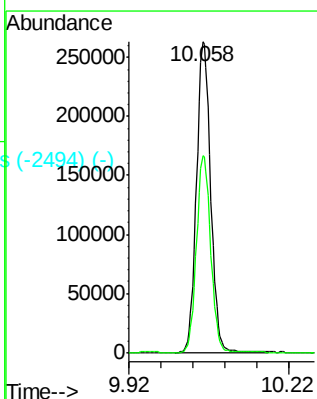
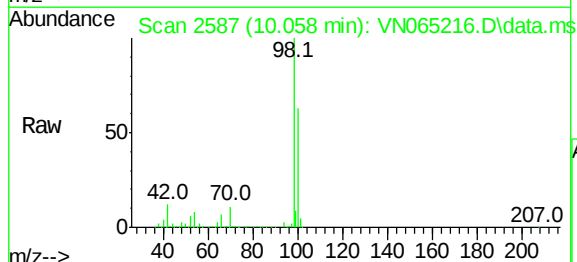
Instrument :
MSVOA_N
ClientSampled :
CGP-11

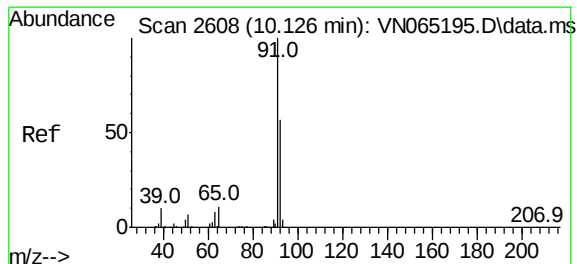
Tgt Ion: 78 Resp: 54325
Ion Ratio Lower Upper
78 100
77 24.2 17.9 26.9



#5971 (-)
Toluene-d8
Concen: 54.82 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. -0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

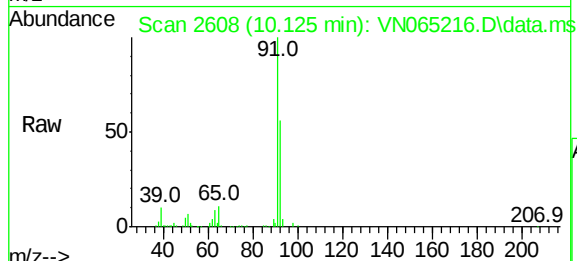
Tgt Ion: 98 Resp: 483903
Ion Ratio Lower Upper
98 100
100 63.7 51.7 77.5



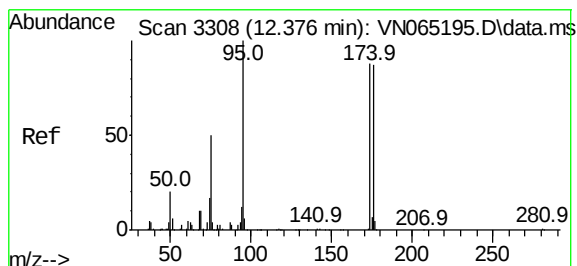
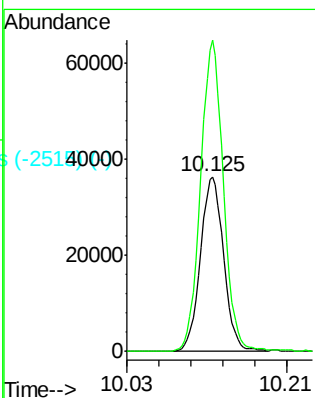
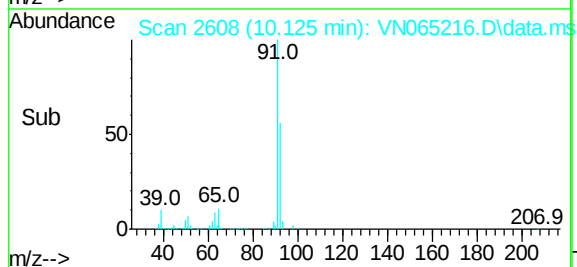


#592 (-)
Toluene
Concen: 9.93 ug/l
RT: 10.125 min Scan# 2608
Delta R.T. -0.001 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

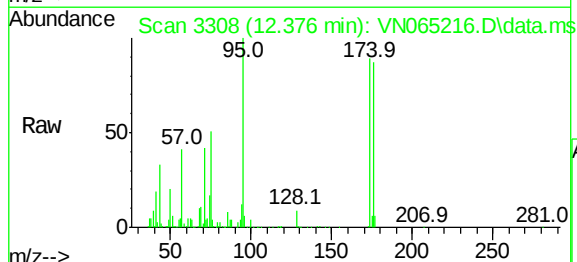
Instrument :
MSVOA_N
ClientSampleId :
CGP-11



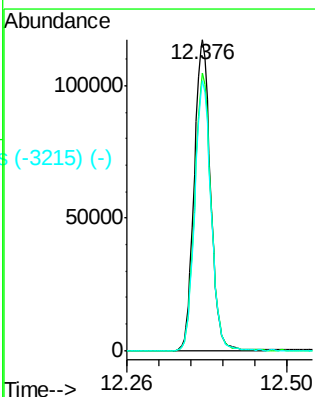
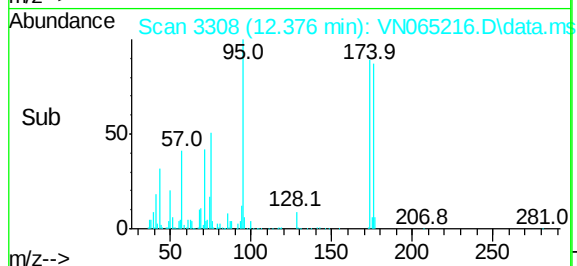
Tgt Ion: 92 Resp: 66074
Ion Ratio Lower Upper
92 100
91 176.0 139.1 208.7

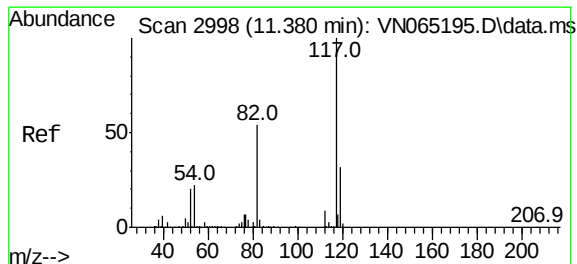


#624 (-)
4-Bromofluorobenzene
Concen: 56.66 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28



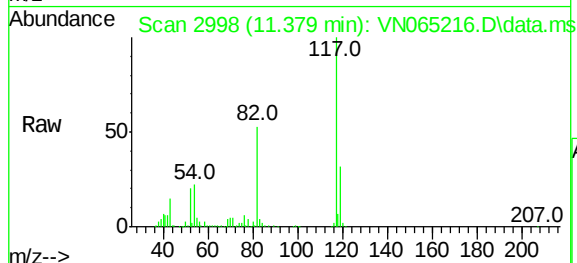
Tgt Ion: 95 Resp: 200438
Ion Ratio Lower Upper
95 100
174 89.2 0.0 160.4
176 86.8 0.0 158.4



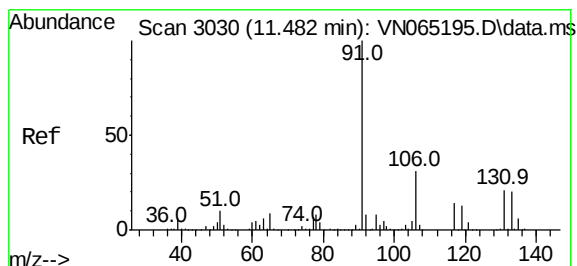
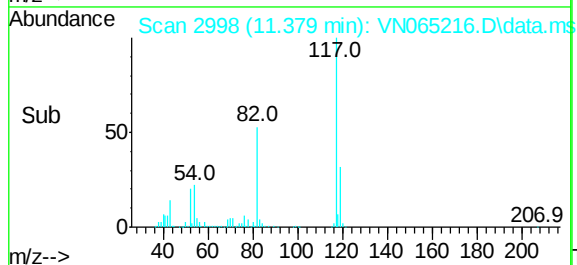
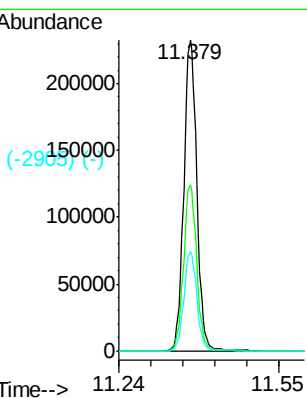


Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.379 min Scan# 2998
 Delta R.T. -0.001 min
 Lab File: VN065216.D
 Acq: 22 Dec 2020 23:28

Instrument :
 MSVOA_N
 ClientSampleId :
 CGP-11

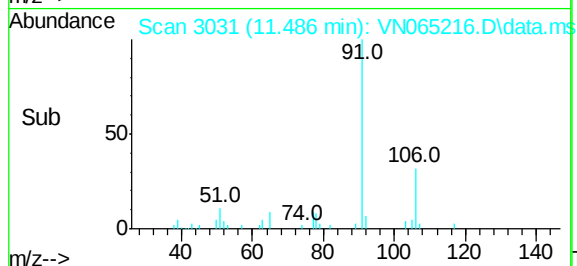
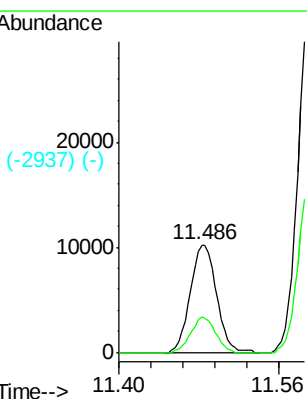
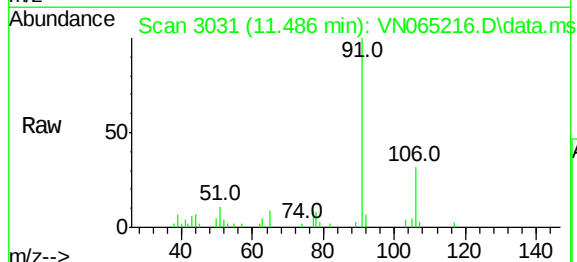


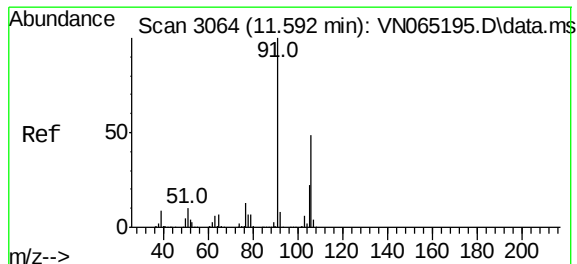
Tgt Ion:	117	Resp:	407155
Ion Ratio	Lower	Upper	
117	100		
82	53.5	44.2	66.2
119	31.8	25.8	38.6



Ethyl Benzene
 Concen: 1.20 ug/l
 RT: 11.486 min Scan# 3031
 Delta R.T. 0.004 min
 Lab File: VN065216.D
 Acq: 22 Dec 2020 23:28

Tgt Ion:	91	Resp:	17936
Ion Ratio	Lower	Upper	
91	100		
106	31.9	25.2	37.8

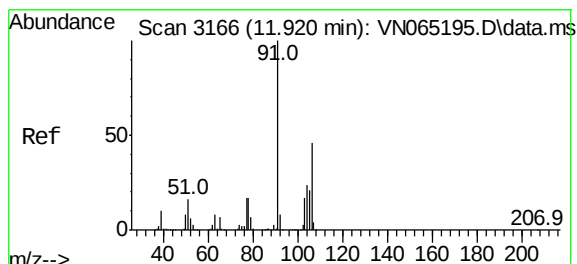
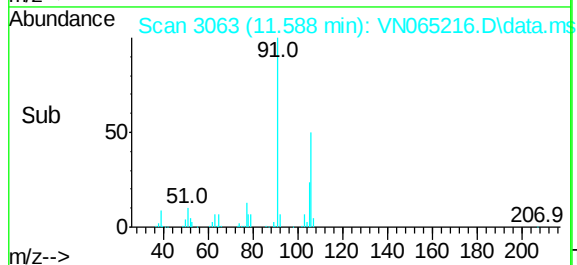
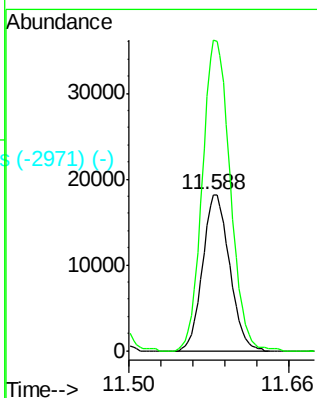
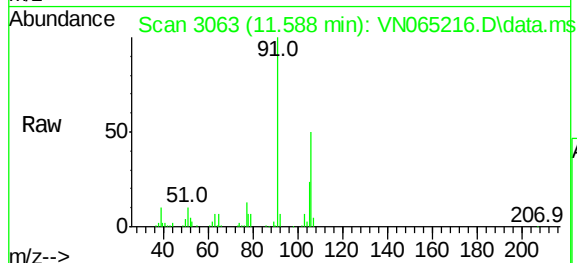




Scan 3064 (11.592 min): VN065195.D\data.ms
 #6048 (-)
 m/p-Xylenes
 Concen: 6.06 ug/l
 RT: 11.588 min Scan# 3063
 Delta R.T. -0.004 min
 Lab File: VN065216.D
 Acq: 22 Dec 2020 23:28

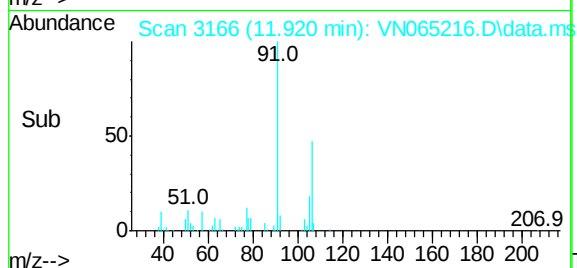
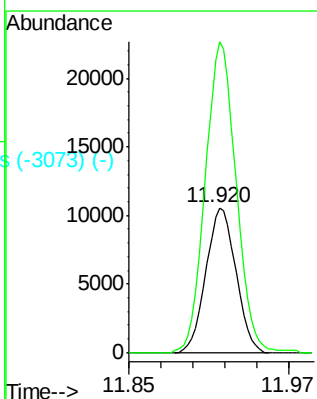
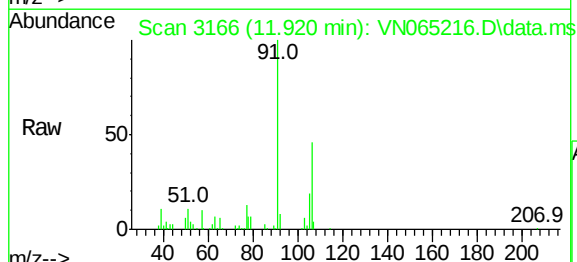
Instrument :
 MSVOA_N
 ClientSampled :
 CGP-11

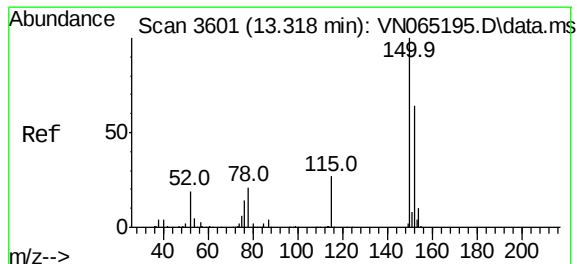
Tgt Ion:106 Resp: 34118
 Ion Ratio Lower Upper
 106 100
 91 205.5 161.0 241.4



Scan 3166 (11.920 min): VN065195.D\data.ms
 #6052 (-)
 o-Xylene
 Concen: 3.18 ug/l
 RT: 11.920 min Scan# 3166
 Delta R.T. -0.000 min
 Lab File: VN065216.D
 Acq: 22 Dec 2020 23:28

Tgt Ion:106 Resp: 17368
 Ion Ratio Lower Upper
 106 100
 91 221.9 105.5 316.5

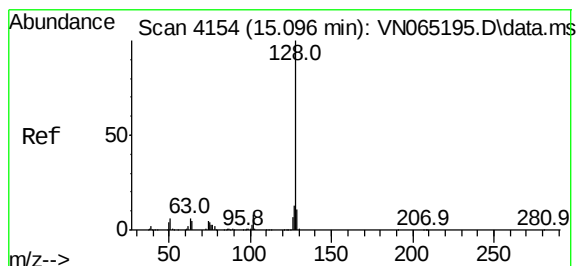
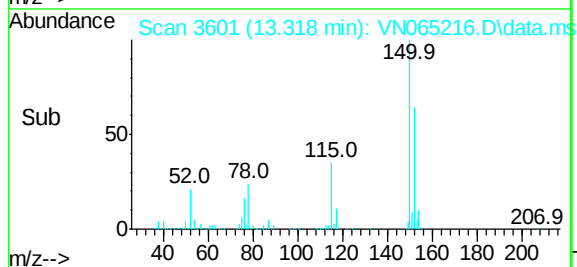
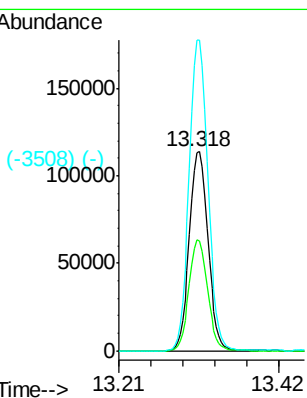
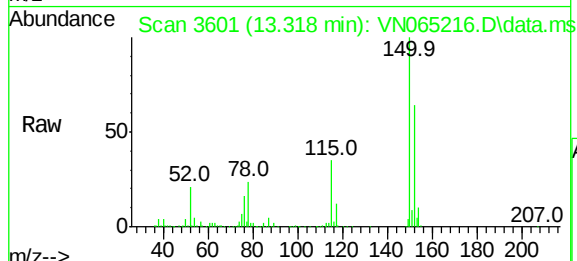




#3601 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.318 min Scan# 3601
Delta R.T. 0.000 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Instrument :
MSVOA_N
ClientSampled :
CGP-11

Tgt Ion:152 Resp: 193619
Ion Ratio Lower Upper
152 100
115 55.4 29.7 89.1
150 156.6 0.0 350.6



#4154 (-)
Naphthalene
Concen: 4.02 ug/l
RT: 15.100 min Scan# 4155
Delta R.T. 0.004 min
Lab File: VN065216.D
Acq: 22 Dec 2020 23:28

Tgt Ion:128 Resp: 6997
Ion Ratio Lower Upper
128 100
127 10.1 10.3 15.5#
129 9.3 8.7 13.1

