

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122820\
 Data File : VN065292.D
 Acq On : 28 Dec 2020 17:45
 Operator : JC/MD
 Sample : L4991-13
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

Quant Time: Dec 29 02:24:01 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	243634	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.550	114	403678	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.380	117	432535	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.318	152	201208	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.991	65	140008	50.90	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.80%
35) Dibromofluoromethane	7.550	113	123866	50.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	101.72%
50) Toluene-d8	10.058	98	507581	55.61	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	111.22%
62) 4-Bromofluorobenzene	12.376	95	206091	56.37	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	112.74%

Target Compounds

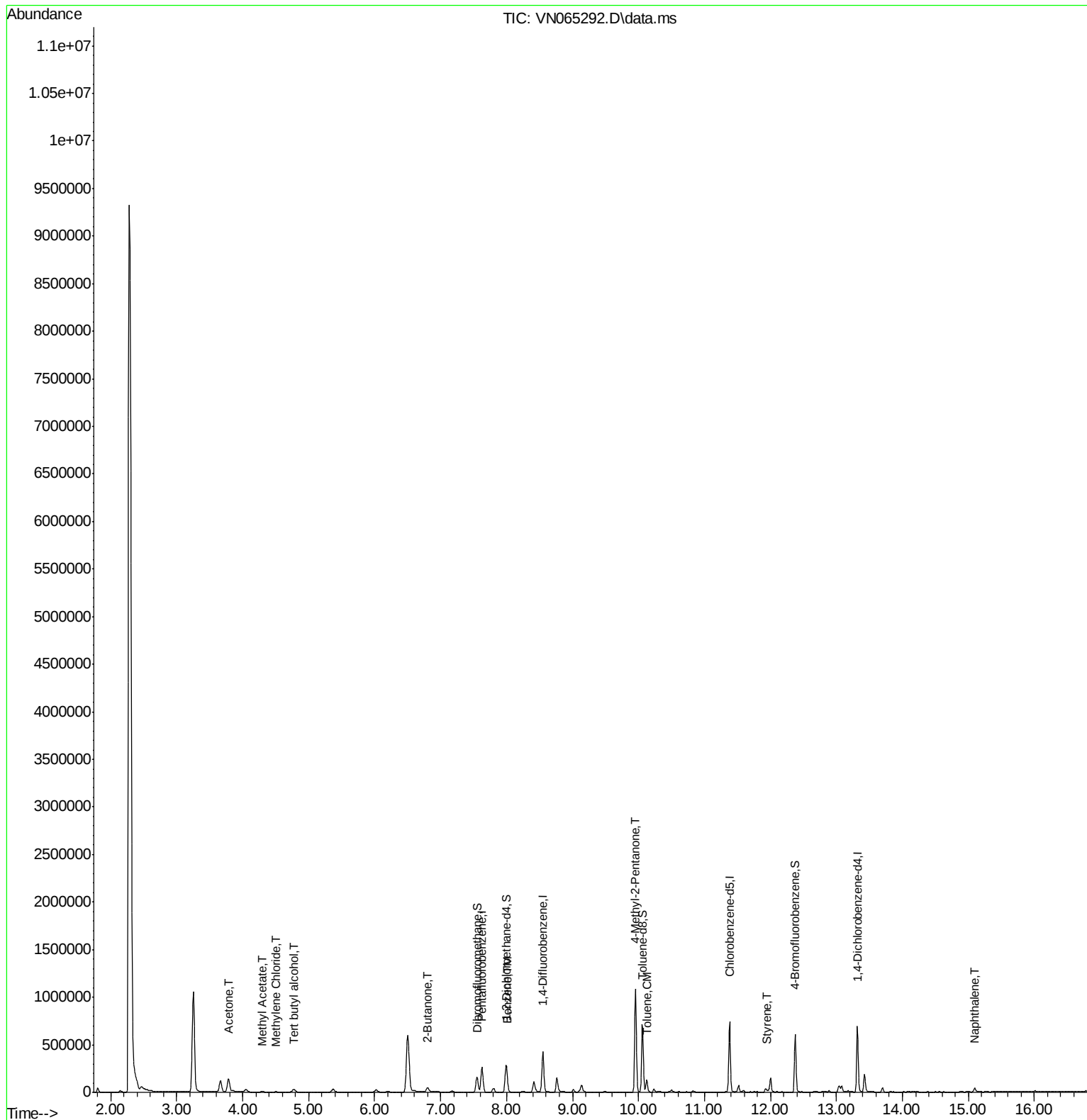
						Qvalue
11) Tert butyl alcohol	4.772	59	61609	136.90	ug/l	98
16) Acetone	3.785	43	226276	193.62	ug/l	96
18) Methyl Acetate	4.293	43	16702	6.76	ug/l	100
20) Methylene Chloride	4.509	84	4037	1.50	ug/l	95
25) 2-Butanone	6.801	43	77154	49.97	ug/l	98
40) Benzene	8.004	78	145263	13.30	ug/l	97
51) 4-Methyl-2-Pentanone	9.955	43	734741	208.41	ug/l	98
52) Toluene	10.126	92	55576	8.08	ug/l	98
70) Styrene	11.939	104	11246	1.16	ug/l	98
95) Naphthalene	15.097	128	31707	6.21	ug/l	99

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

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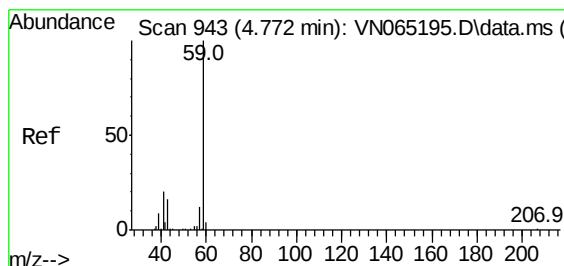
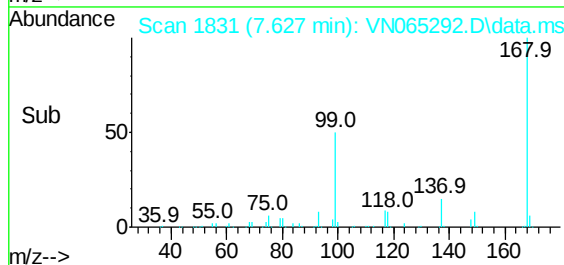
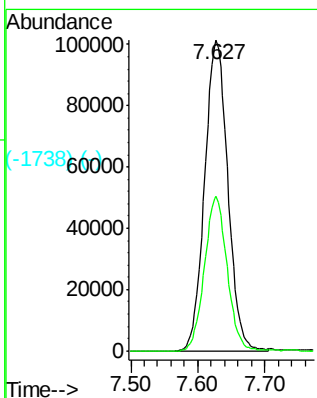
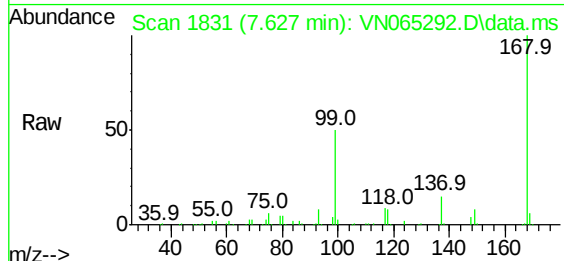




#12 (-)
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.627 min Scan# 1831
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

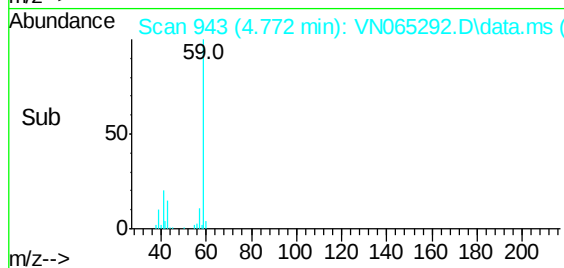
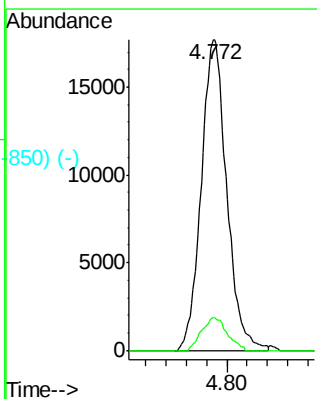
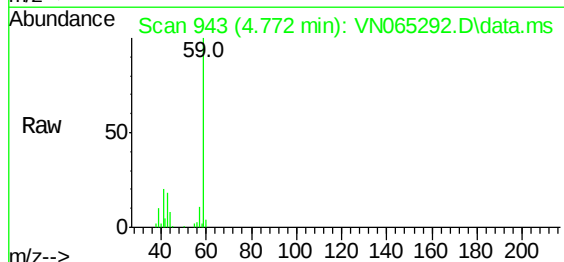
Instrument :
MSVOA_N
ClientSampled :
COMP-2

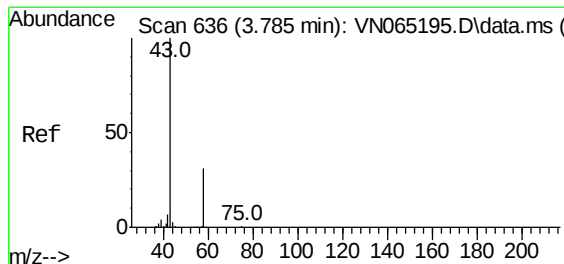
Tgt Ion:168 Resp: 243634
Ion Ratio Lower Upper
168 100
99 49.6 43.0 64.4



#11 (-)
Tert butyl alcohol
Concen: 136.90 ug/l
RT: 4.772 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion: 59 Resp: 61609
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9

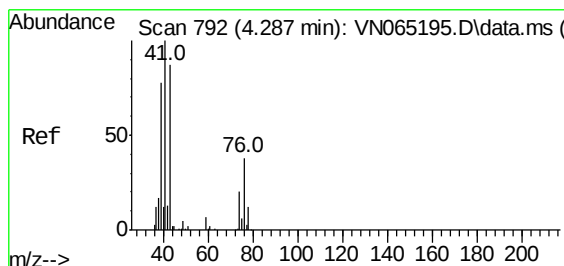
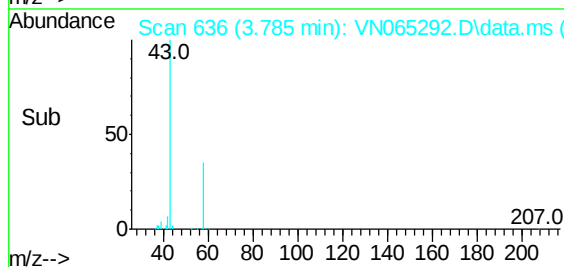
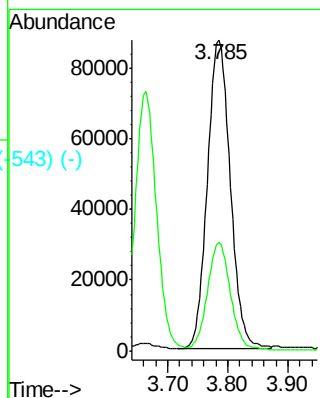
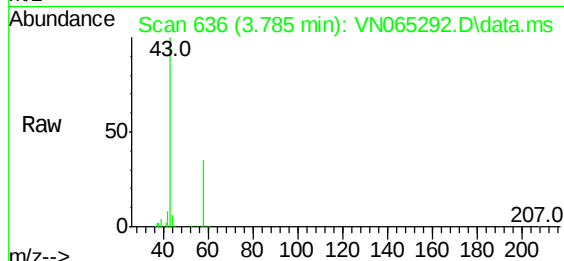




#18 (-)
Acetone
Concen: 193.62 ug/l
RT: 3.785 min Scan# 636
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

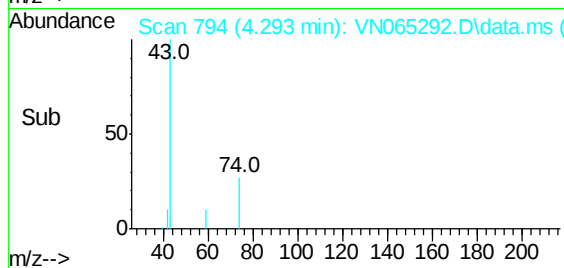
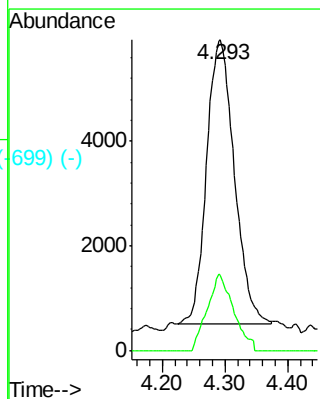
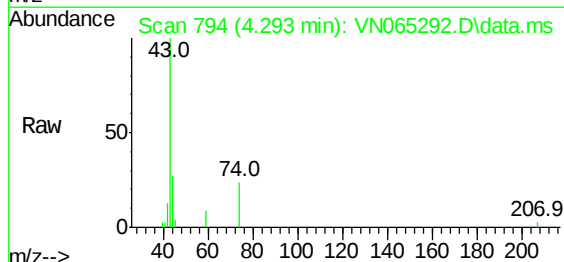
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

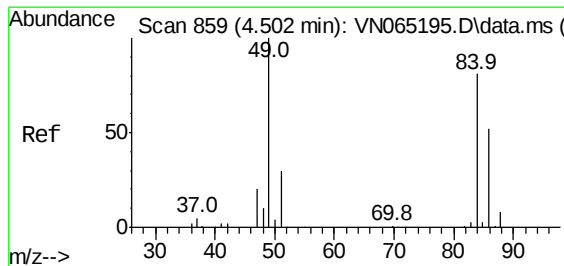
Tgt Ion: 43 Resp: 226276
Ion Ratio Lower Upper
43 100
58 34.6 25.7 38.5



#19 (-)
Methyl Acetate
Concen: 6.76 ug/l
RT: 4.293 min Scan# 794
Delta R.T. 0.006 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion: 43 Resp: 16702
Ion Ratio Lower Upper
43 100
74 25.2 20.2 30.2

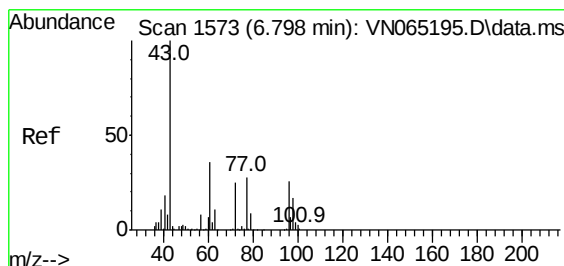
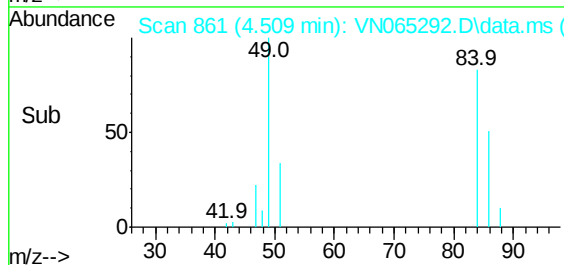
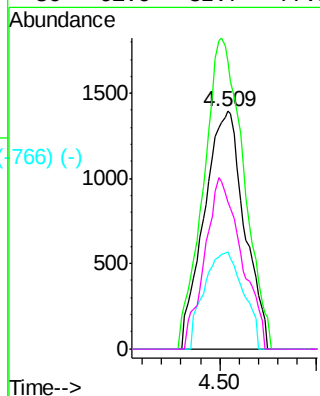
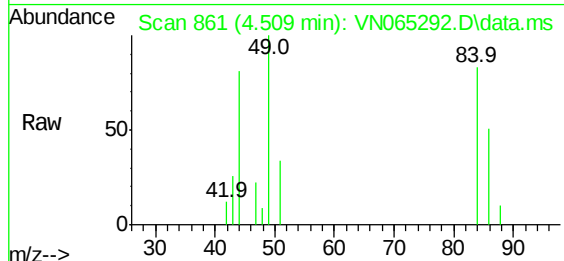




#29 (-)
Methylene Chloride
Concen: 1.50 ug/l
RT: 4.509 min Scan# 861
Delta R.T. 0.007 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

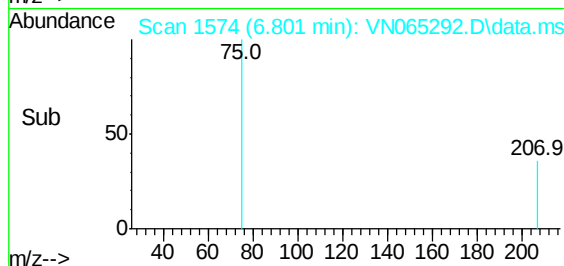
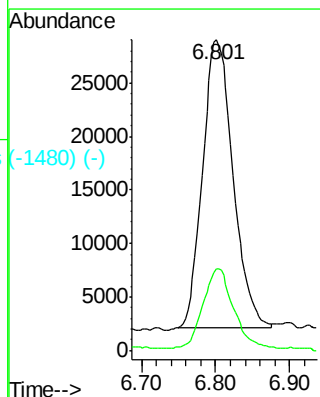
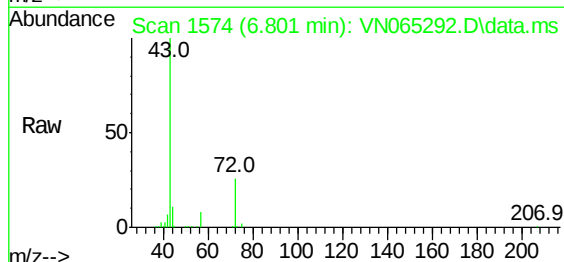
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

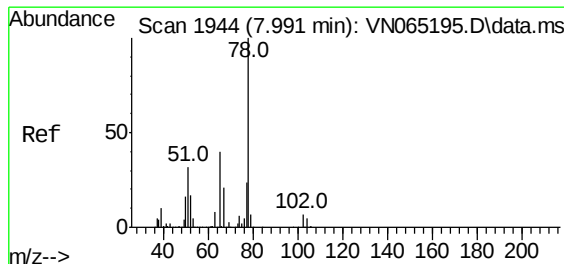
Tgt Ion: 84 Resp: 4037
Ion Ratio Lower Upper
84 100
49 121.1 93.4 140.0
51 40.6 28.2 42.4
86 61.6 51.7 77.5



#25 (-)
2-Butanone
Concen: 49.97 ug/l
RT: 6.801 min Scan# 1574
Delta R.T. 0.003 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion: 43 Resp: 77154
Ion Ratio Lower Upper
43 100
72 27.4 21.0 31.6

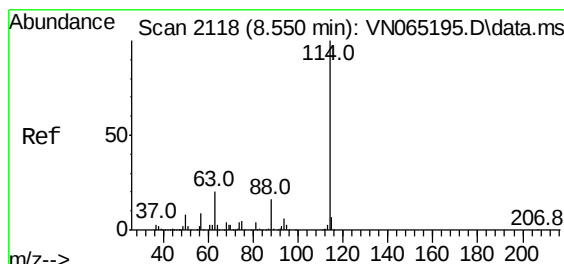
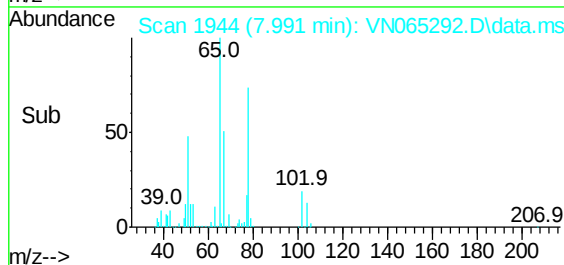
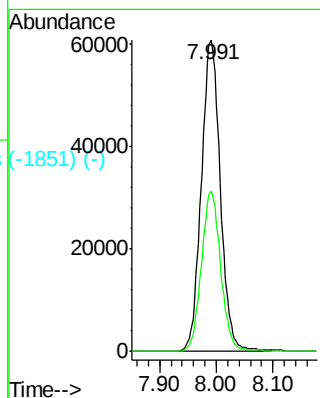
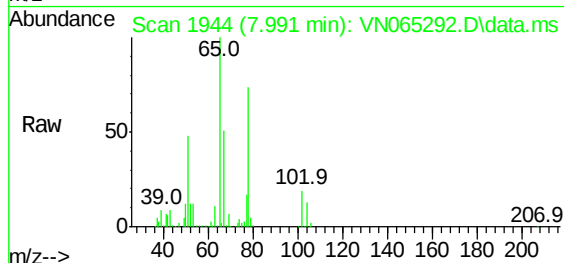




#1926 (-)
 1,2-Dichloroethane-d4
 Concen: 50.90 ug/l
 RT: 7.991 min Scan# 1944
 Delta R.T. -0.000 min
 Lab File: VN065292.D
 Acq: 28 Dec 2020 17:45

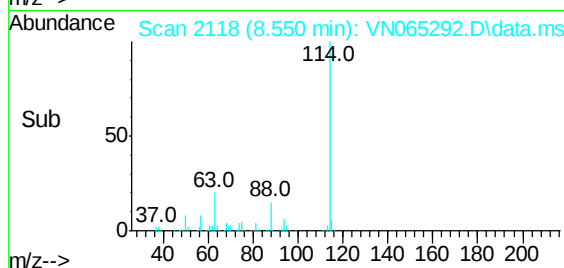
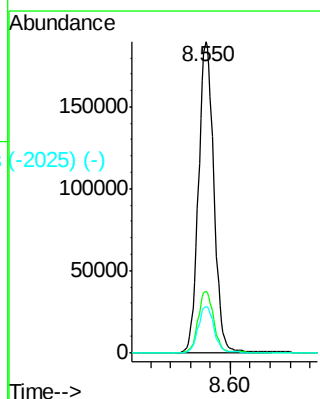
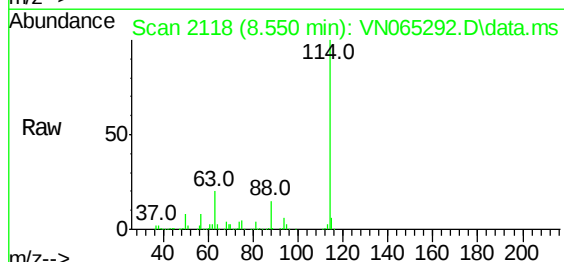
Instrument :
 MSVOA_N
 ClientSampleId :
 COMP-2

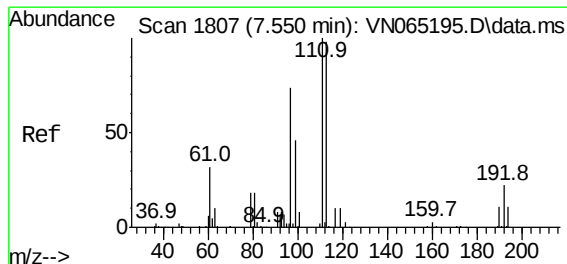
Tgt Ion: 65 Resp: 140008
 Ion Ratio Lower Upper
 65 100
 67 51.9 0.0 108.2



#2101 (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.550 min Scan# 2118
 Delta R.T. 0.000 min
 Lab File: VN065292.D
 Acq: 28 Dec 2020 17:45

Tgt Ion:114 Resp: 403678
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 38.6
 88 14.8 0.0 32.6

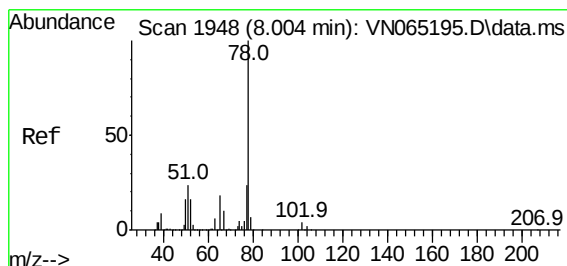
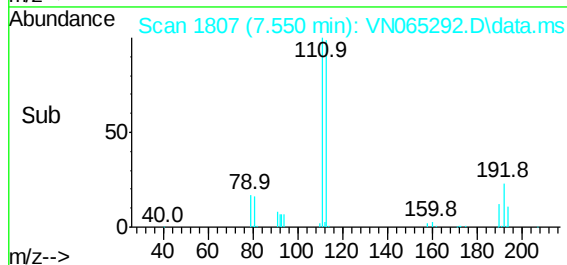
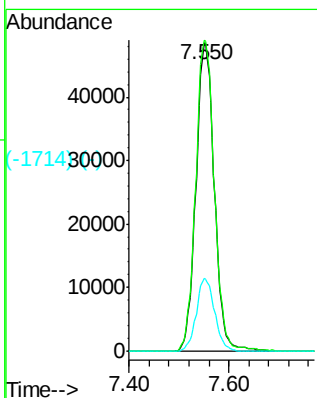
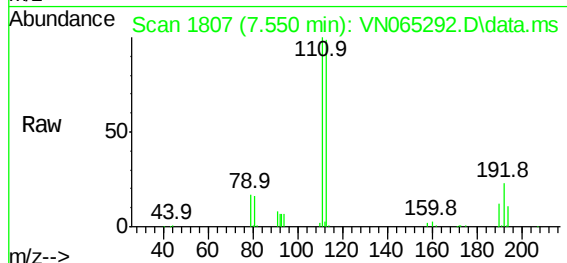




#358 (-)
Dibromofluoromethane
Concen: 50.86 ug/l
RT: 7.550 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

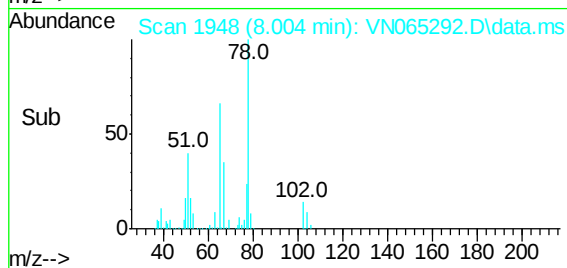
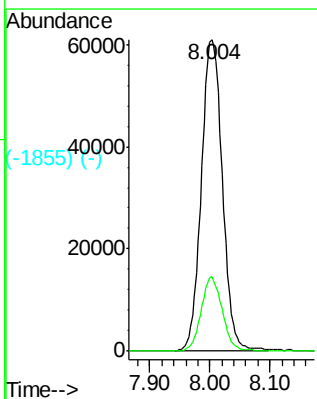
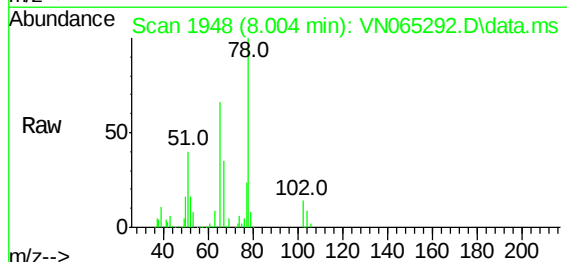
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

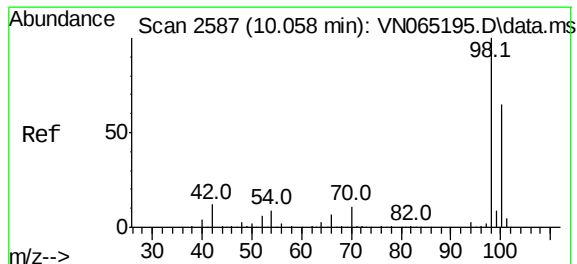
Tgt Ion:113 Resp: 123866
Ion Ratio Lower Upper
113 100
111 102.3 81.6 122.4
192 23.2 16.2 24.2



#408 (-)
Benzene
Concen: 13.30 ug/l
RT: 8.004 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion: 78 Resp: 145263
Ion Ratio Lower Upper
78 100
77 23.7 17.9 26.9

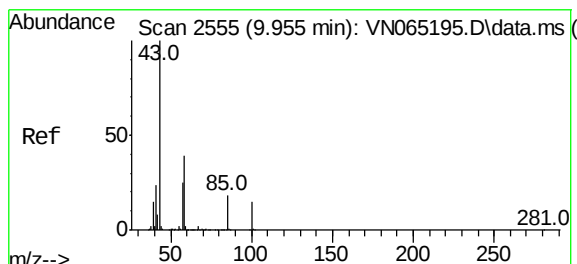
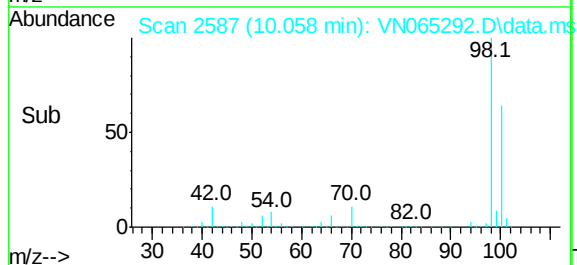
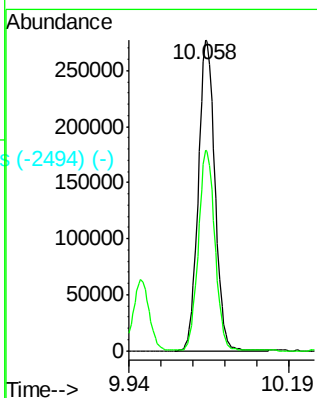
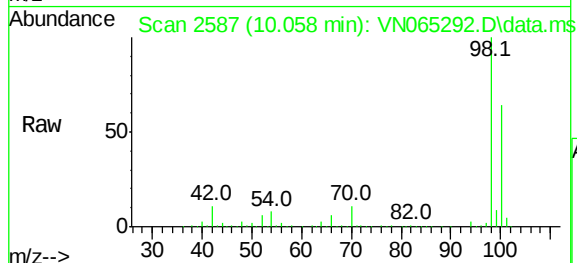




#5971 (-)
Toluene-d8
Concen: 55.61 ug/l
RT: 10.058 min Scan# 2587
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

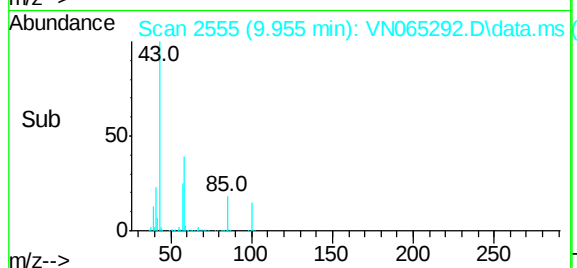
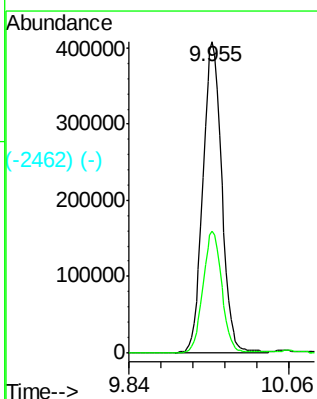
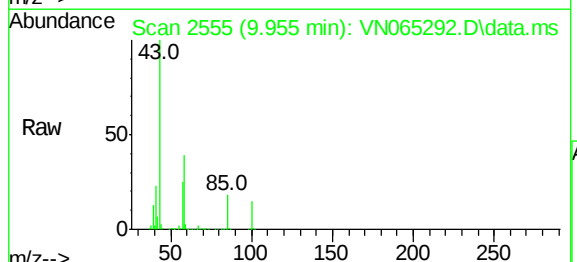
Instrument :
MSVOA_N
ClientSampled :
COMP-2

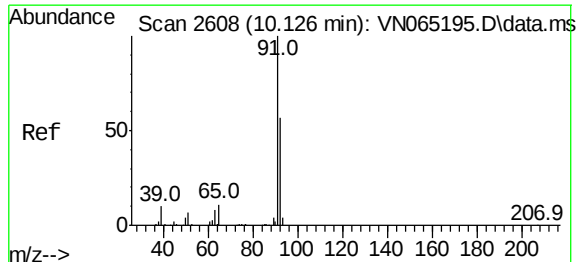
Tgt Ion: 98 Resp: 507581
Ion Ratio Lower Upper
98 100
100 64.3 51.7 77.5



#518 (-)
4-Methyl-2-Pentanone
Concen: 208.41 ug/l
RT: 9.955 min Scan# 2555
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion: 43 Resp: 734741
Ion Ratio Lower Upper
43 100
58 39.0 32.4 48.6

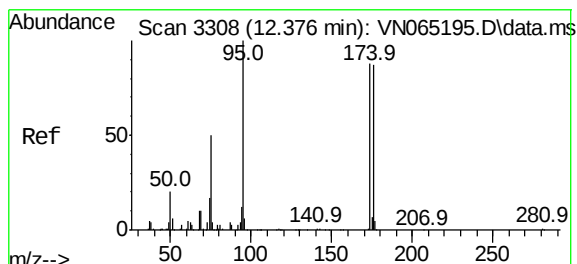
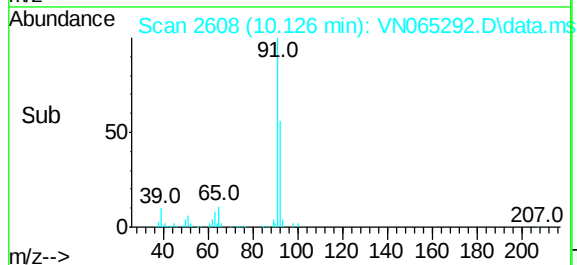
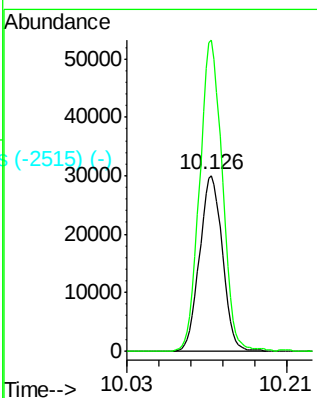
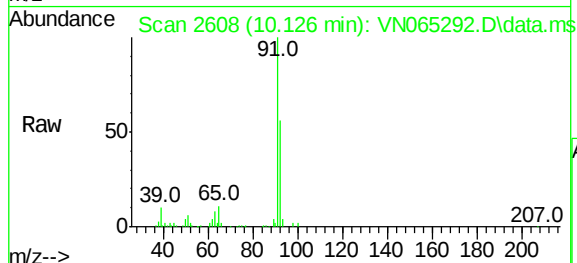




#592 (-)
Toluene
Concen: 8.08 ug/l
RT: 10.126 min Scan# 2608
Delta R.T. -0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

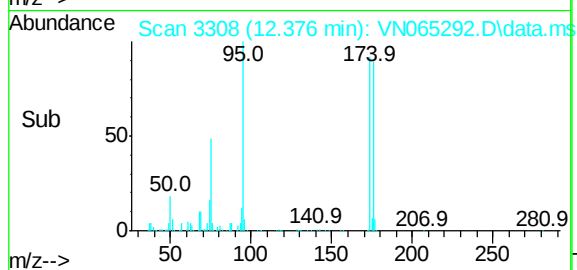
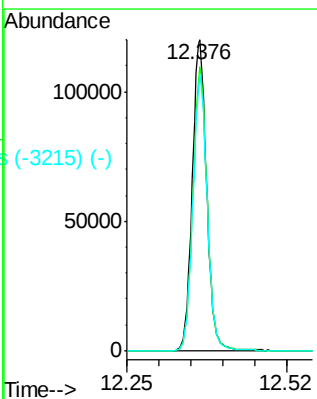
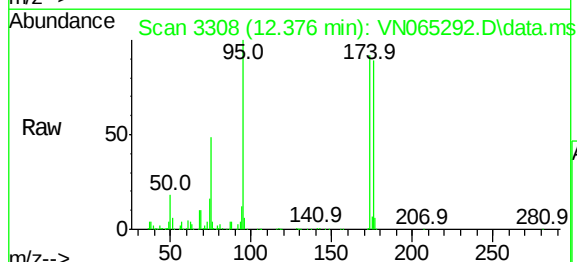
Instrument :
MSVOA_N
ClientSampleId :
COMP-2

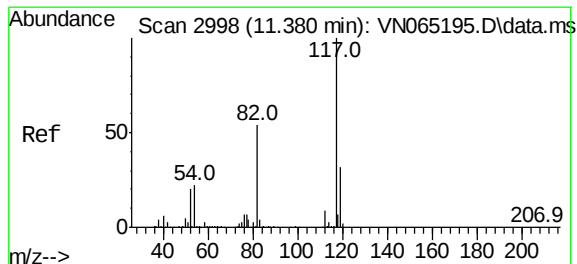
Tgt Ion: 92 Resp: 55576
Ion Ratio Lower Upper
92 100
91 177.1 139.1 208.7



#624 (-)
4-Bromofluorobenzene
Concen: 56.37 ug/l
RT: 12.376 min Scan# 3308
Delta R.T. 0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion: 95 Resp: 206091
Ion Ratio Lower Upper
95 100
174 91.3 0.0 160.4
176 88.7 0.0 158.4

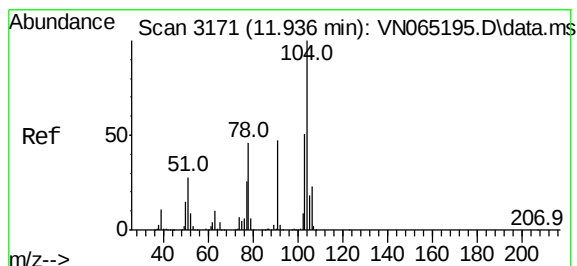
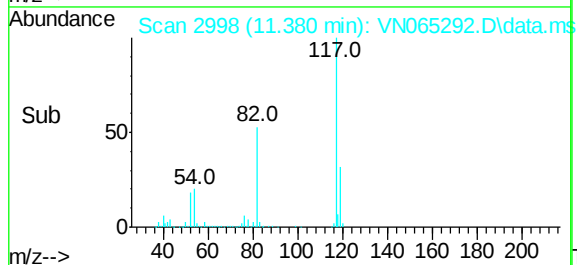
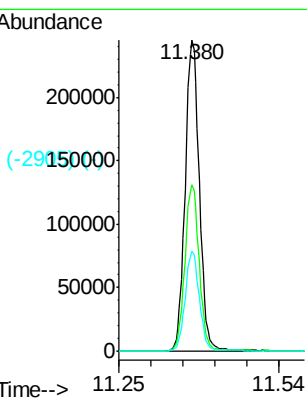
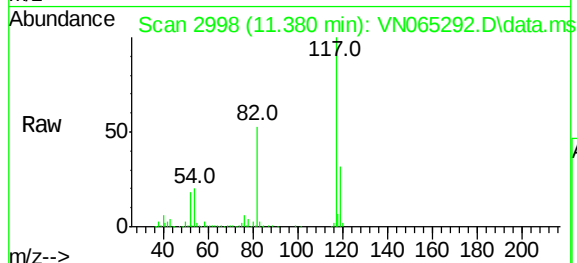




#693 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.380 min Scan# 2998
Delta R.T. -0.000 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

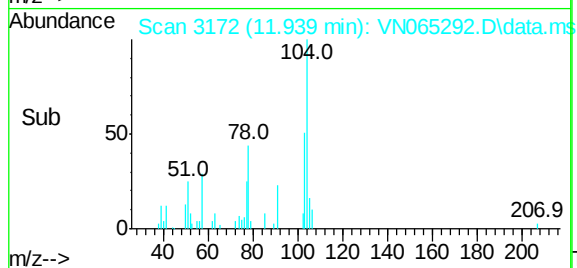
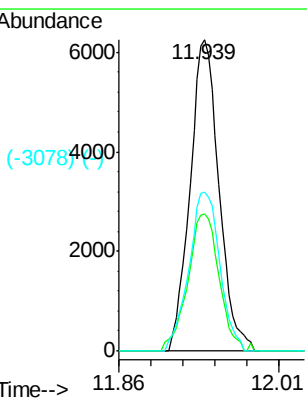
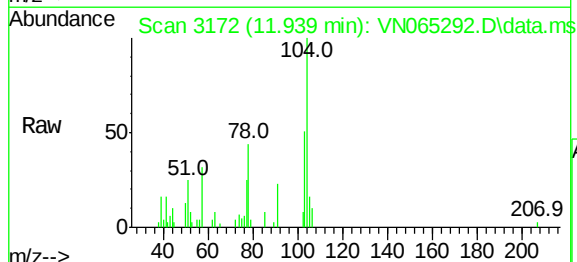
Instrument :
MSVOA_N
ClientSampled :
COMP-2

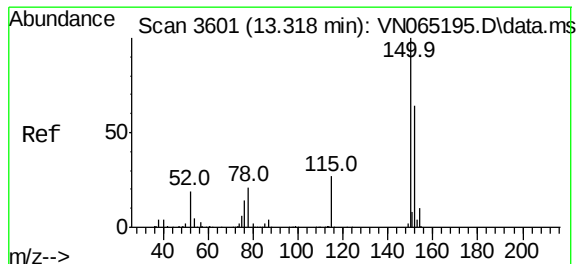
Tgt Ion:	117	Resp:	432535
Ion Ratio	Lower	Upper	
117	100		
82	53.4	44.2	66.2
119	31.9	25.8	38.6



#705 (-)
Styrene
Concen: 1.16 ug/l
RT: 11.939 min Scan# 3172
Delta R.T. 0.003 min
Lab File: VN065292.D
Acq: 28 Dec 2020 17:45

Tgt Ion:	104	Resp:	11246
Ion Ratio	Lower	Upper	
104	100		
78	47.1	39.0	58.6
103	54.6	44.3	66.5

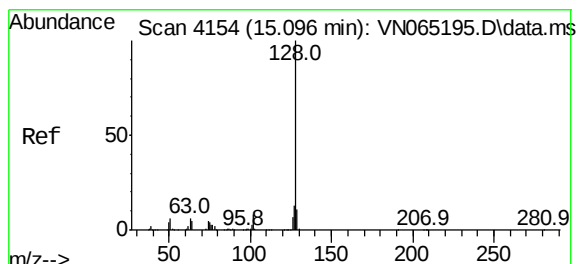
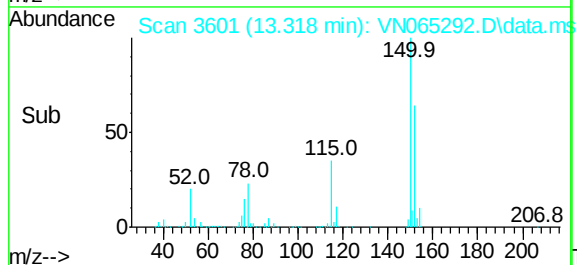
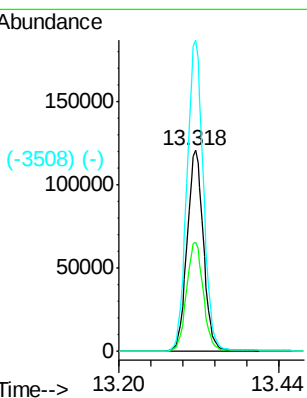
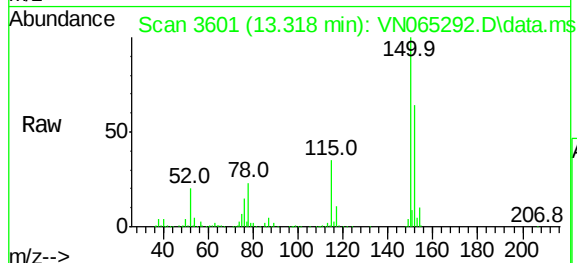




#3601 (-)
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.318 min Scan# 3601
 Delta R.T. 0.000 min
 Lab File: VN065292.D
 Acq: 28 Dec 2020 17:45

Instrument :
 MSVOA_N
 ClientSampled :
 COMP-2

Tgt Ion:	152	Resp:	201208
Ion Ratio	Lower	Upper	
152	100		
115	55.3	29.7	89.1
150	156.5	0.0	350.6



#4154 (-)
 Naphthalene
 Concen: 6.21 ug/l
 RT: 15.097 min Scan# 4154
 Delta R.T. 0.001 min
 Lab File: VN065292.D
 Acq: 28 Dec 2020 17:45

Tgt Ion:	128	Resp:	31707
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.3	15.5
129	11.6	8.7	13.1

