

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw121820\
 Data File : Vw017680.D
 Acq On : 18 Dec 2020 16:53
 Operator : SY/VA
 Sample : L5155-01
 Misc : 5.88G/5ML/MSVOA_w/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-12-18-20

Quant Time: Dec 19 00:14:11 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_w\Method\82W121420S.M
 Quant Title : Sw846 8260
 QLast Update : Mon Dec 14 12:39:23 2020
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

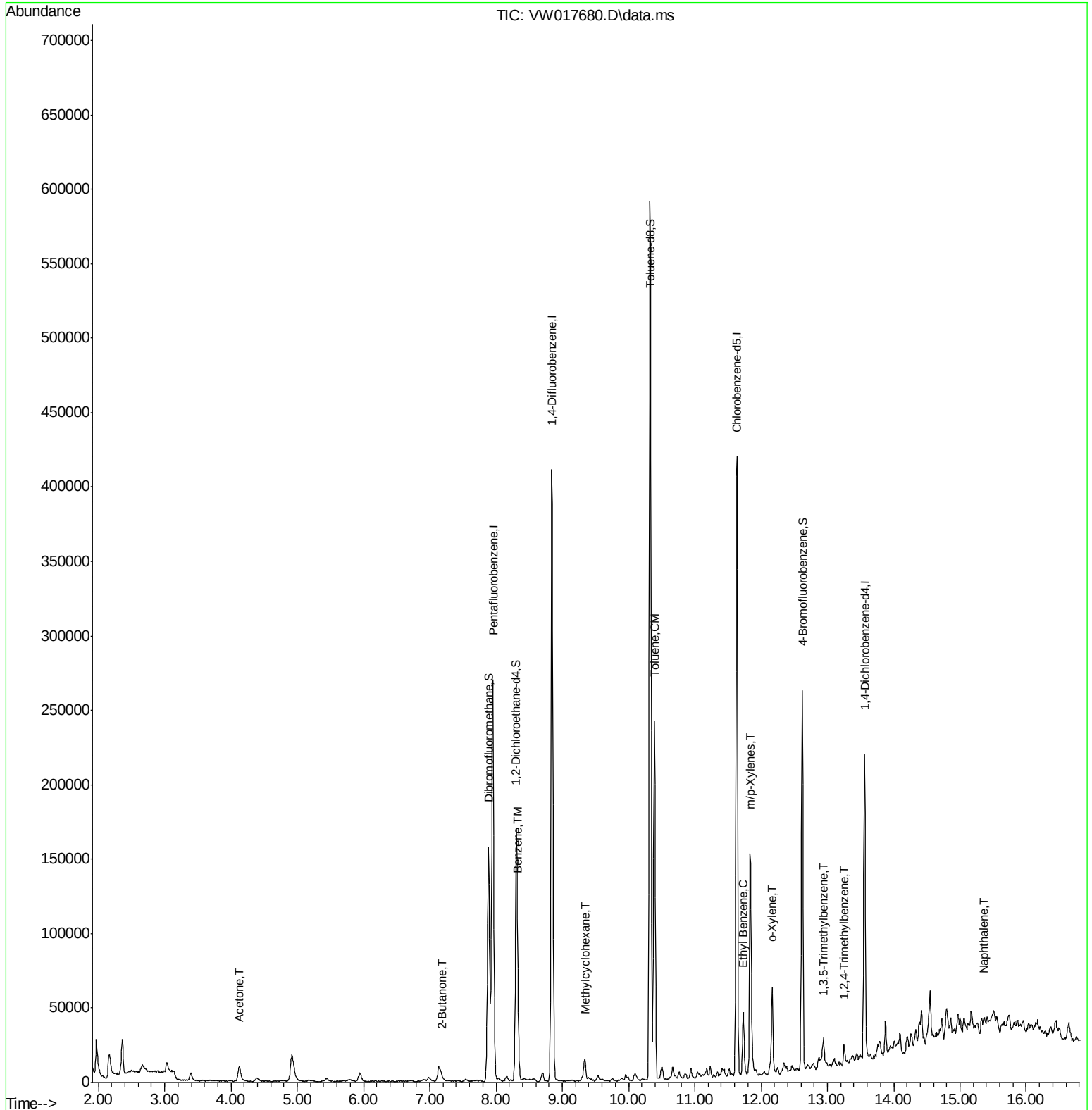
Internal Standards						
1) Pentafluorobenzene	7.952	168	190194	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	336423	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	219405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	49637	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	127085	54.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.70%	
35) Dibromofluoromethane	7.884	113	107813	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
50) Toluene-d8	10.323	98	376759	43.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.94%	
62) 4-Bromofluorobenzene	12.621	95	78496	25.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	50.72%	
Target Compounds						
16) Acetone	4.123	43	18504	36.71	ug/l	95
25) 2-Butanone	7.177	43	5893	8.78	ug/l #	78
39) Methylcyclohexane	9.341	83	5889	1.32	ug/l #	89
40) Benzene	8.323	78	24829	2.66	ug/l	99
52) Toluene	10.390	92	98252	16.10	ug/l	100
67) Ethyl Benzene	11.731	91	27233	3.11	ug/l	94
68) m/p-Xylenes	11.835	106	43153	12.91	ug/l	94
69) o-Xylene	12.164	106	14818	4.70	ug/l	94
80) 1,3,5-Trimethylbenzene	12.945	105	3485	1.05	ug/l	96
84) 1,2,4-Trimethylbenzene	13.249	105	8096	2.47	ug/l	98
95) Naphthalene	15.365	128	6517	3.34	ug/l #	89

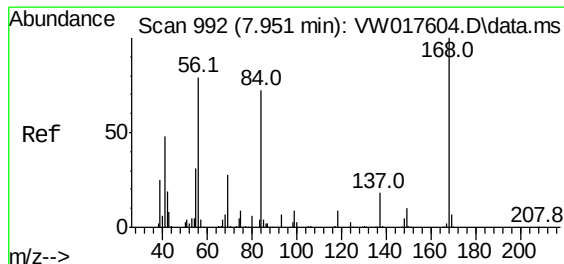
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 19 00:14:11 2020
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82w121420S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

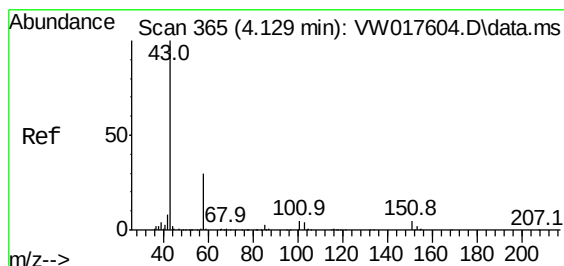
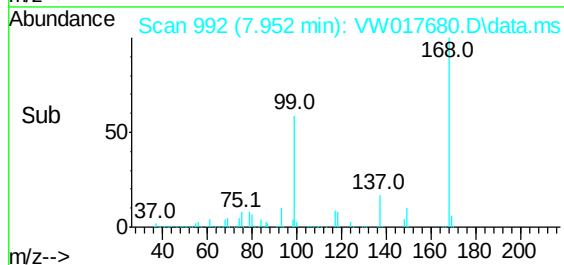
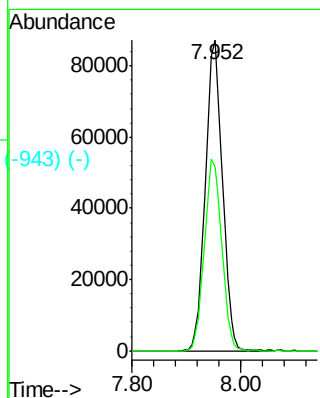
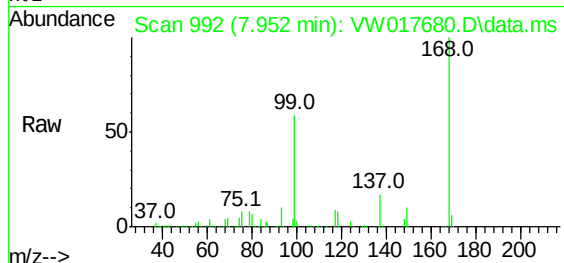




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. 0.001 min
 Lab File: VW017680.D
 Acq: 18 Dec 2020 16:53

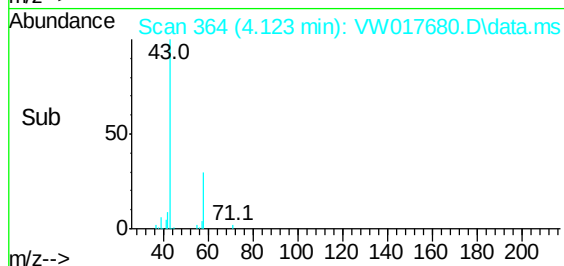
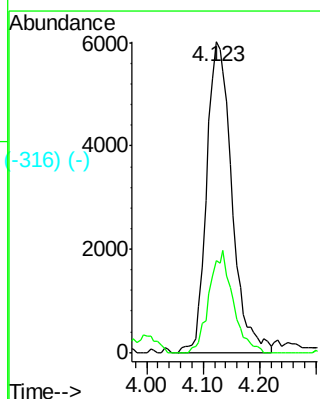
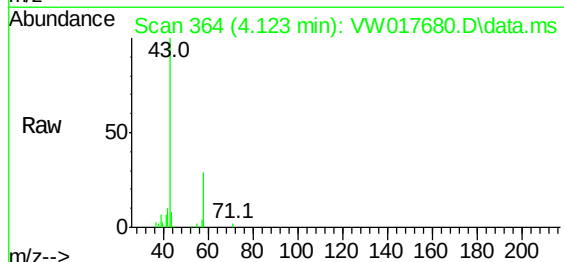
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-12-18-20

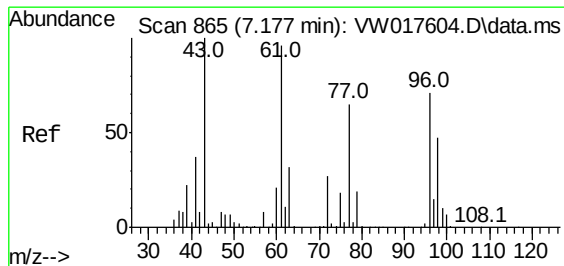
Tgt Ion:168 Resp: 190194
 Ion Ratio Lower Upper
 168 100
 99 59.4 40.7 61.1



Acetone
 Concen: 36.71 ug/l
 RT: 4.123 min Scan# 364
 Delta R.T. -0.006 min
 Lab File: VW017680.D
 Acq: 18 Dec 2020 16:53

Tgt Ion: 43 Resp: 18504
 Ion Ratio Lower Upper
 43 100
 58 29.5 25.7 38.5

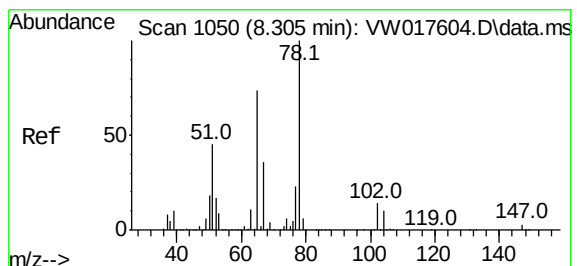
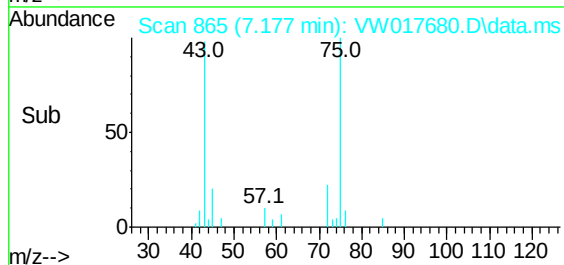
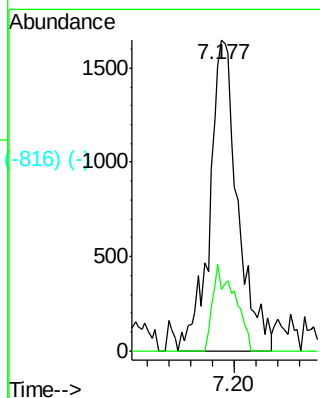
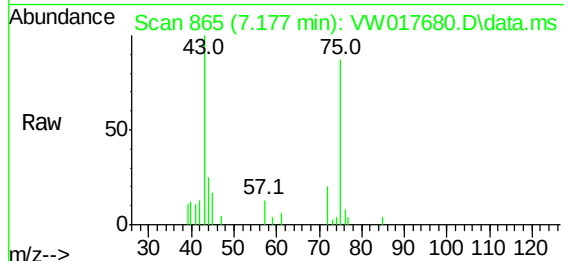




2-Butanone
Concen: 8.78 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

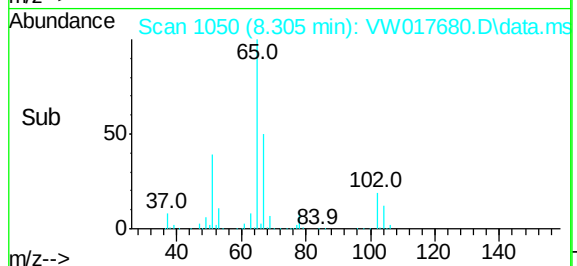
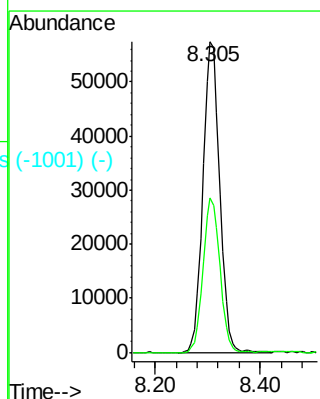
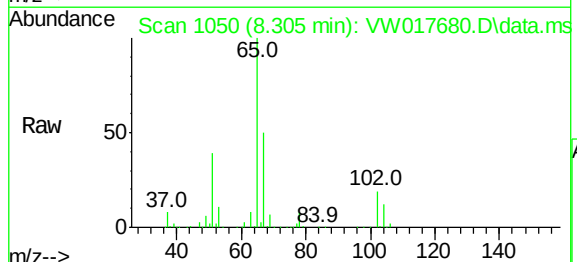
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ClientSampleId :
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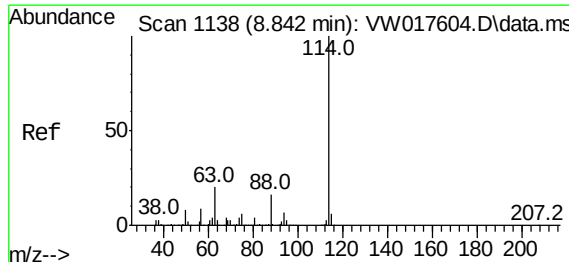
Tgt Ion: 43 Resp: 5893
Ion Ratio Lower Upper
43 100
72 19.6 25.4 38.2#



1,2-Dichloroethane-d4
Concen: 54.85 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Tgt Ion: 65 Resp: 127085
Ion Ratio Lower Upper
65 100
67 49.9 0.0 103.8

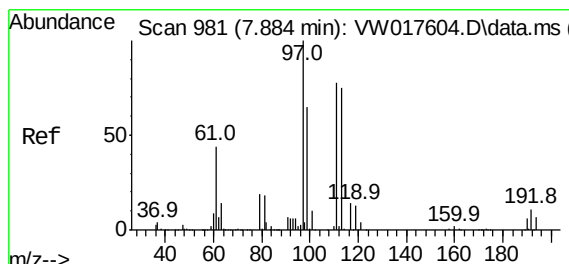
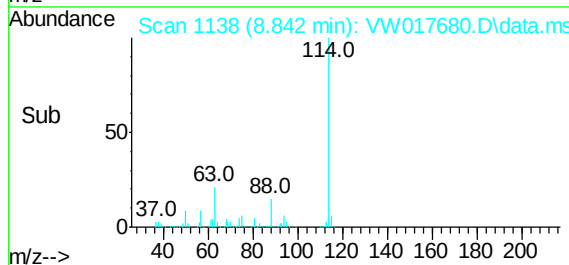
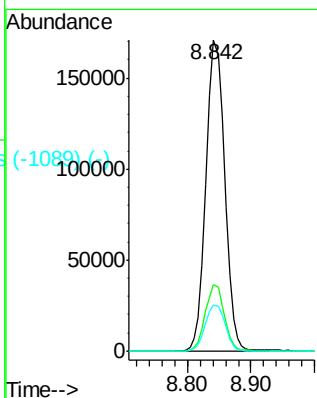
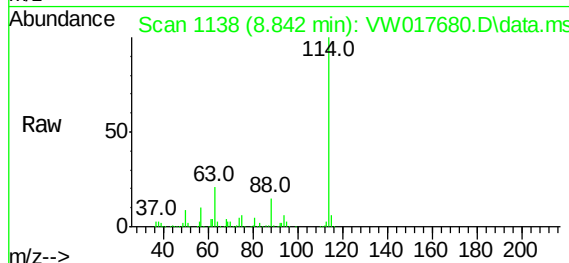




#948 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

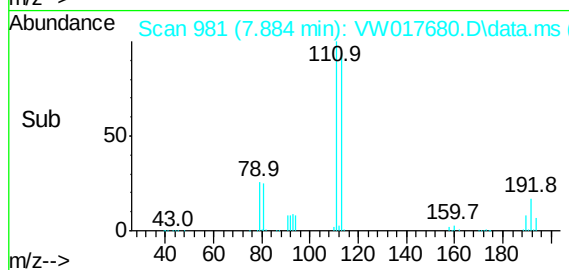
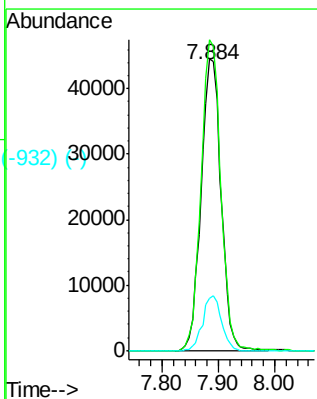
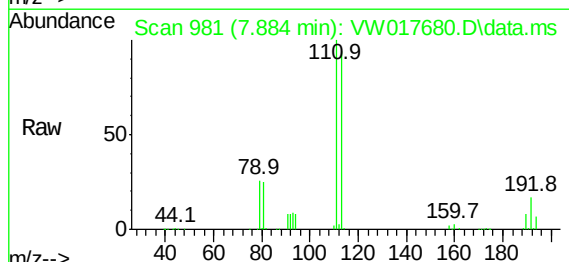
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20

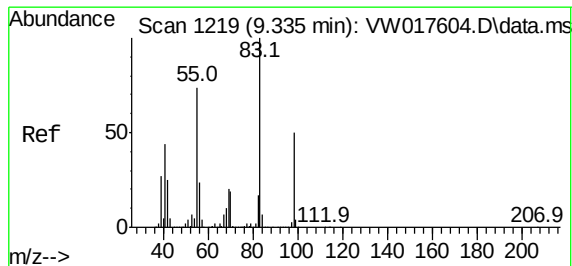
Tgt Ion:	114	Resp:	336423
Ion Ratio	Lower	Upper	
114	100		
63	21.3	0.0	35.6
88	14.8	0.0	30.4



#949 (-)
Dibromofluoromethane
Concen: 48.43 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Tgt Ion:	113	Resp:	107813
Ion Ratio	Lower	Upper	
113	100		
111	105.4	81.4	122.2
192	17.7	17.8	26.8#

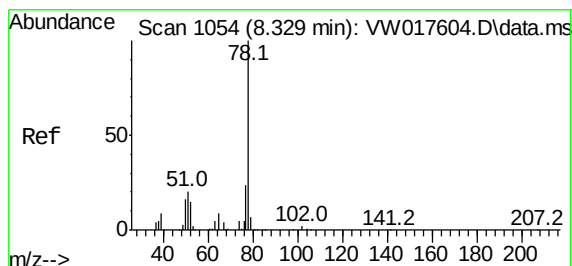
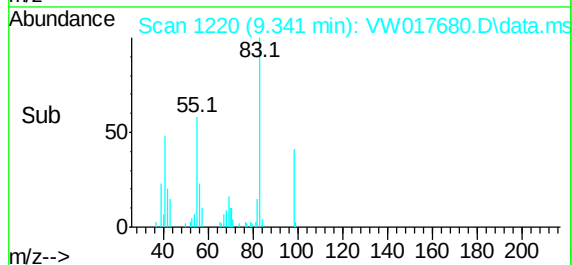
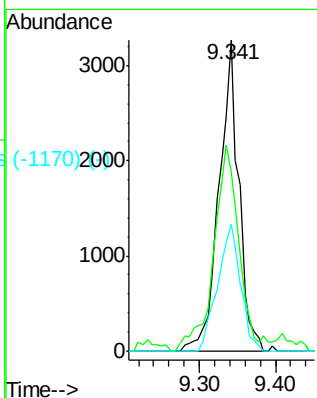
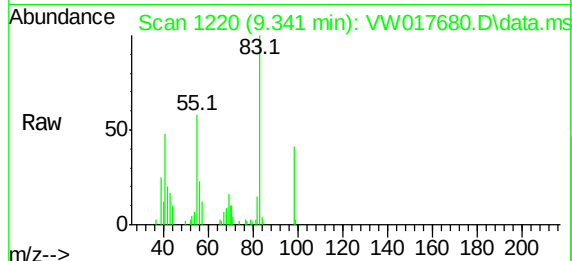




(#120) (-)
Methylcyclohexane
Concen: 1.32 ug/l
RT: 9.341 min Scan# 1220
Delta R.T. 0.006 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

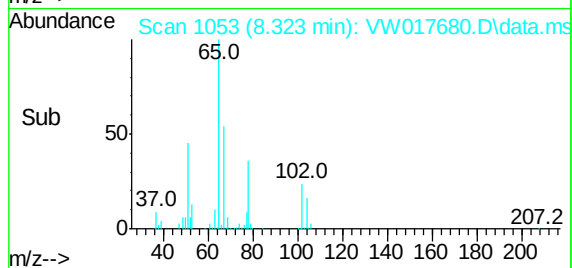
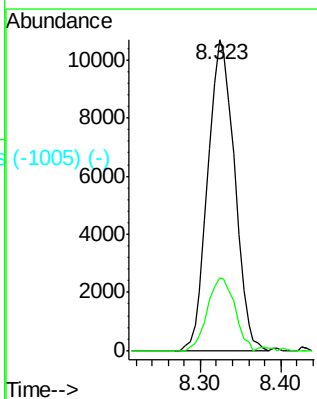
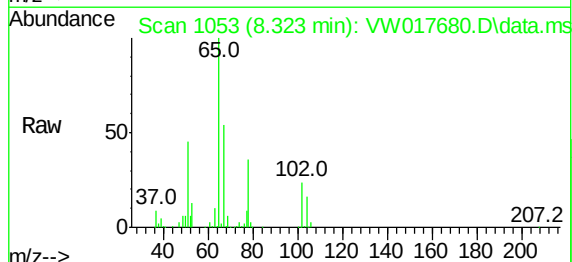
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20

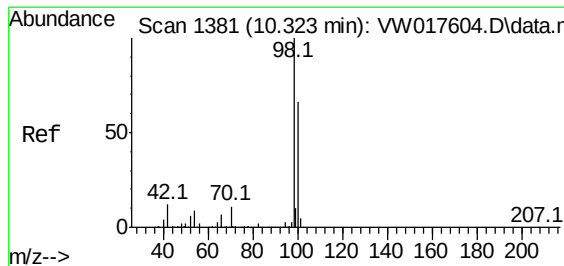
Tgt Ion: 83 Resp: 5889
Ion Ratio Lower Upper
83 100
55 57.7 51.7 77.5
98 40.9 41.0 61.4#



(#109) (-)
Benzene
Concen: 2.66 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Tgt Ion: 78 Resp: 24829
Ion Ratio Lower Upper
78 100
77 23.4 18.5 27.7

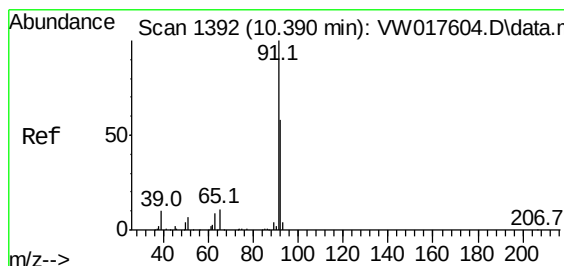
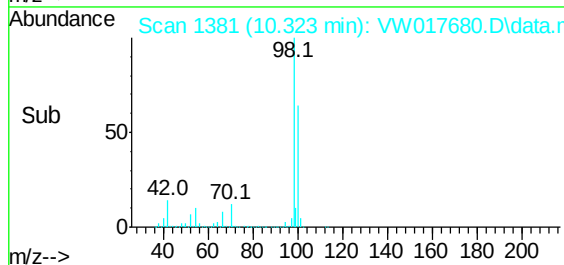
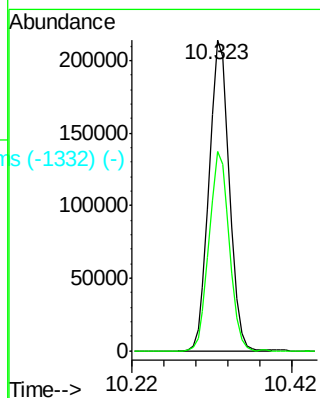
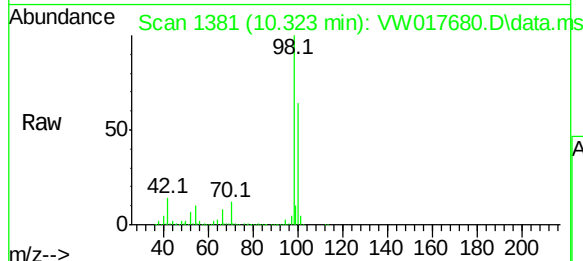




#50
 ToLuene-d8
 Concen: 43.47 ug/l
 RT: 10.323 min Scan# 1381
 Delta R.T. 0.000 min
 Lab File: VW017680.D
 Acq: 18 Dec 2020 16:53

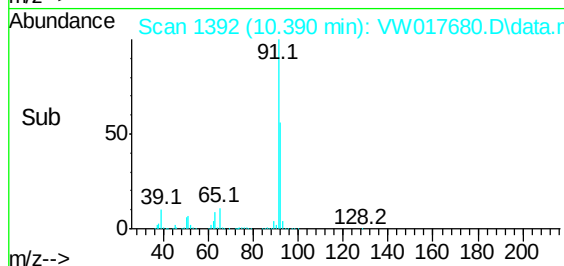
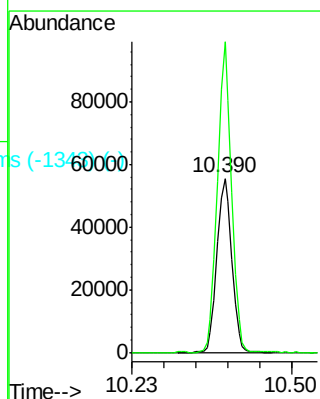
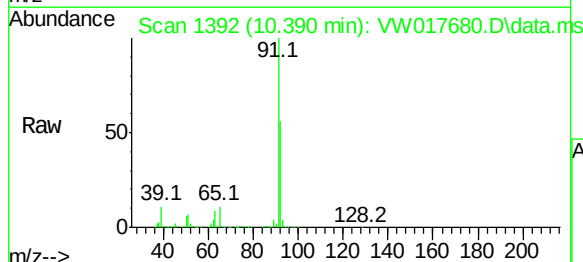
Instrument :
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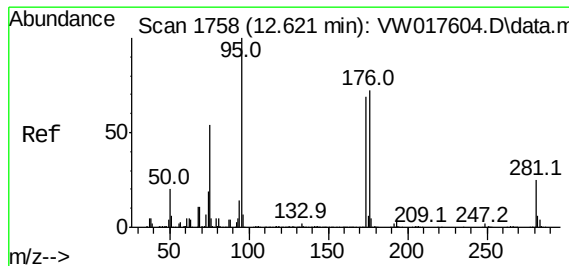
Tgt Ion: 98 Resp: 376759
 Ion Ratio Lower Upper
 98 100
 100 64.1 53.3 79.9



#52
 ToLuene
 Concen: 16.10 ug/l
 RT: 10.390 min Scan# 1392
 Delta R.T. 0.000 min
 Lab File: VW017680.D
 Acq: 18 Dec 2020 16:53

Tgt Ion: 92 Resp: 98252
 Ion Ratio Lower Upper
 92 100
 91 168.7 134.7 202.1

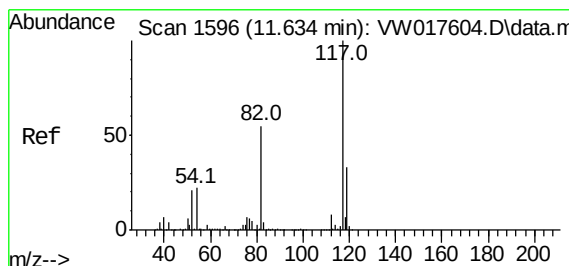
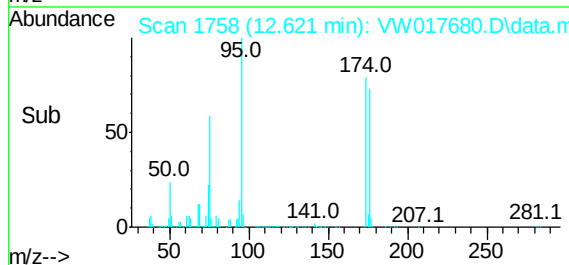
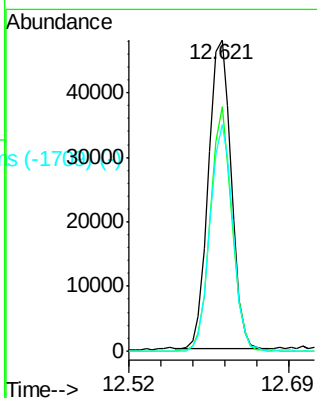
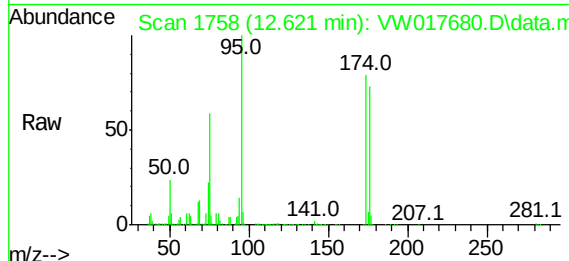




#6249 (-)
4-Bromofluorobenzene
Concen: 25.36 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

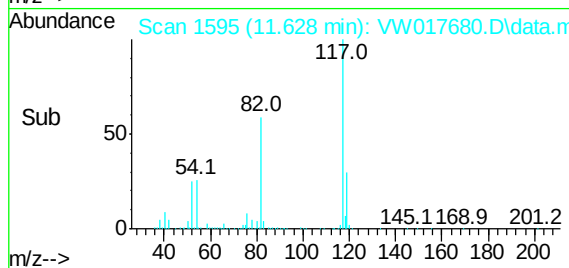
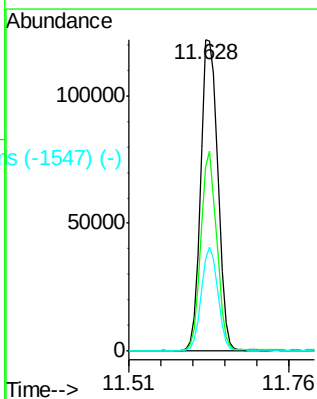
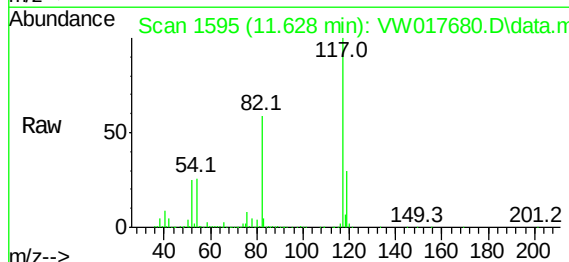
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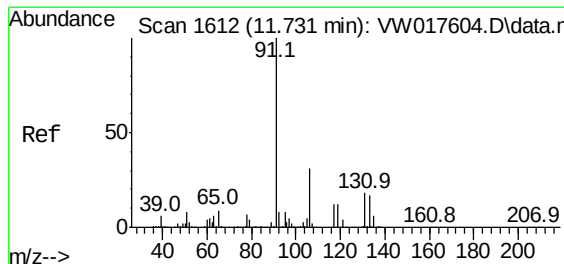
Tgt Ion: 95 Resp: 78496
Ion Ratio Lower Upper
95 100
174 74.4 0.0 180.6
176 72.7 0.0 177.6



#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. -0.006 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Tgt Ion: 117 Resp: 219405
Ion Ratio Lower Upper
117 100
82 59.1 40.7 61.1
119 29.5 25.0 37.4

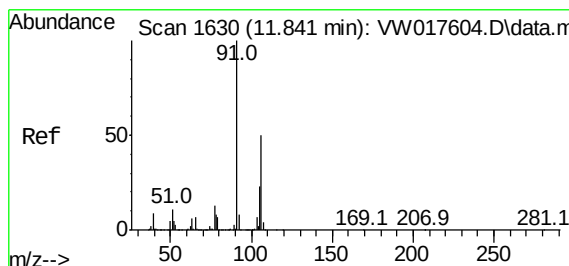
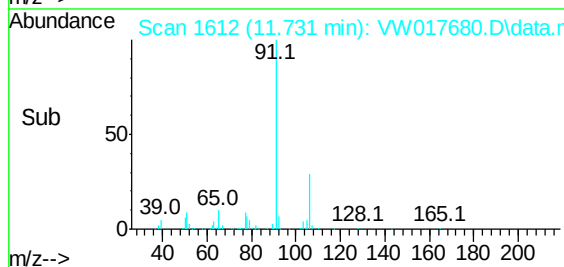
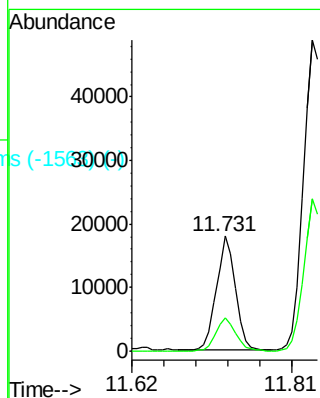
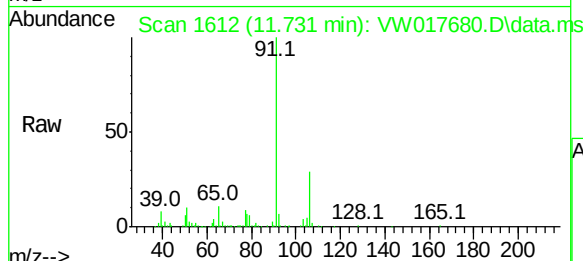




Ethyl Benzene
Concen: 3.11 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

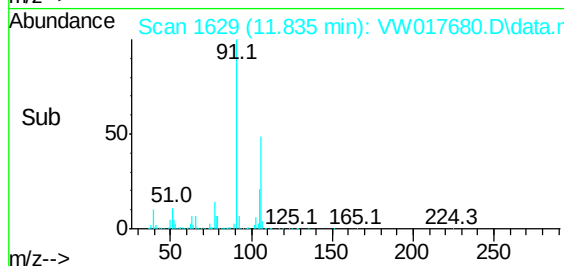
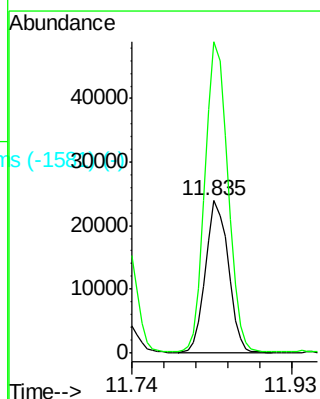
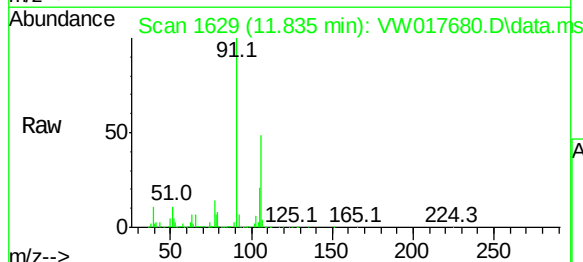
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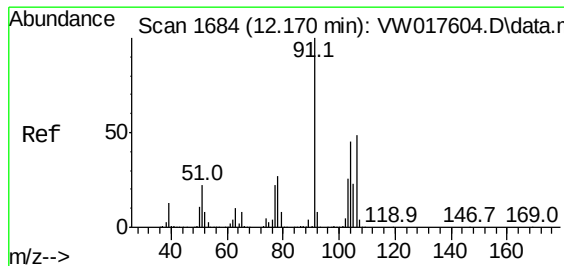
Tgt Ion: 91 Resp: 27233
Ion Ratio Lower Upper
91 100
106 28.9 25.9 38.9



m/p-Xylenes
Concen: 12.91 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Tgt Ion:106 Resp: 43153
Ion Ratio Lower Upper
106 100
91 205.6 157.4 236.0

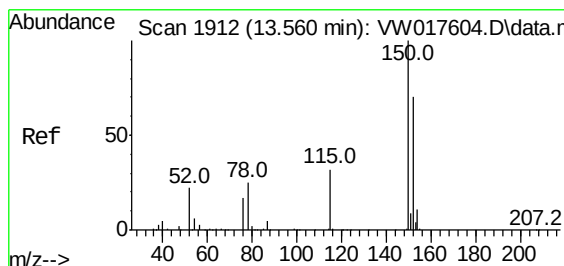
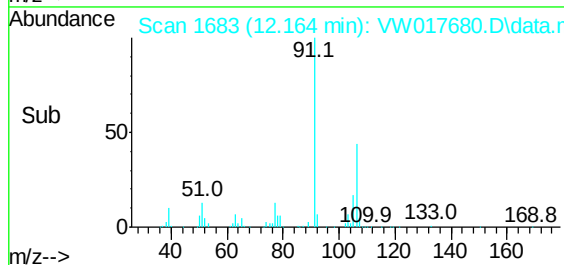
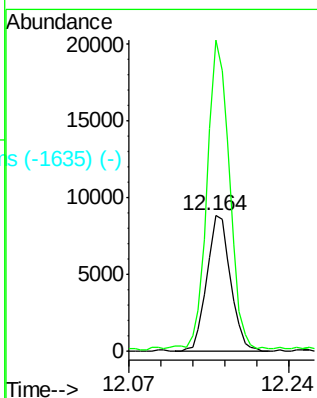
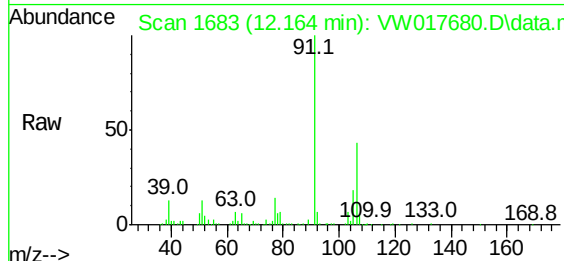




#6875 (-)
o-Xylene
Concen: 4.70 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

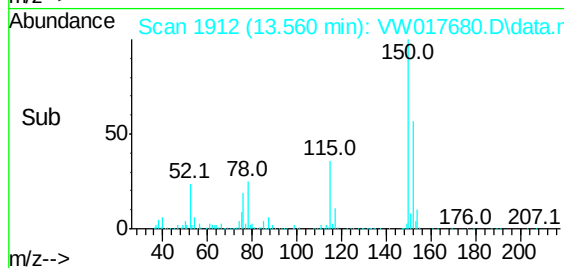
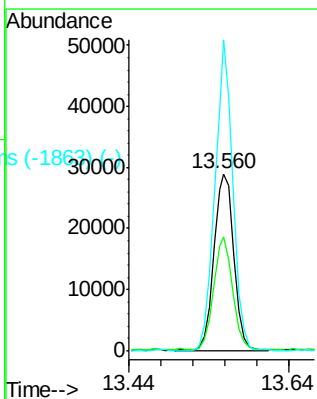
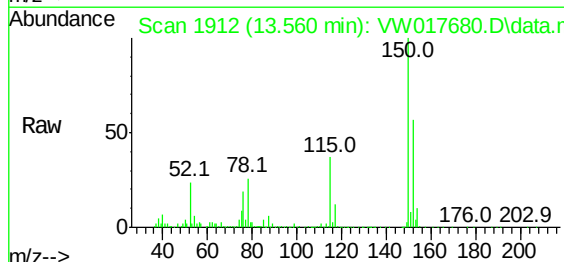
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MSVOA_W
ClientSampleId :
TR-04-12-18-20

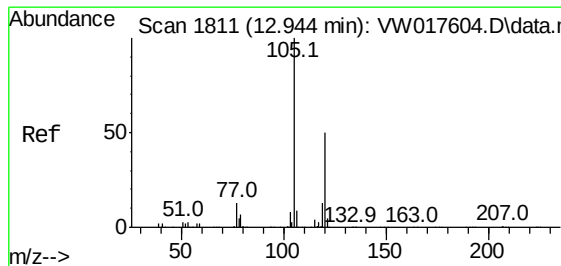
Tgt Ion:106 Resp: 14818
Ion Ratio Lower Upper
106 100
91 216.7 103.6 310.9



#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Tgt Ion:152 Resp: 49637
Ion Ratio Lower Upper
152 100
115 60.8 27.9 83.7
150 158.1 0.0 344.0

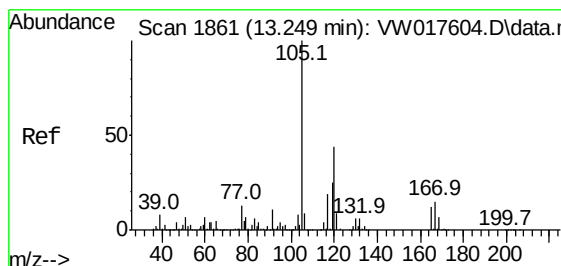
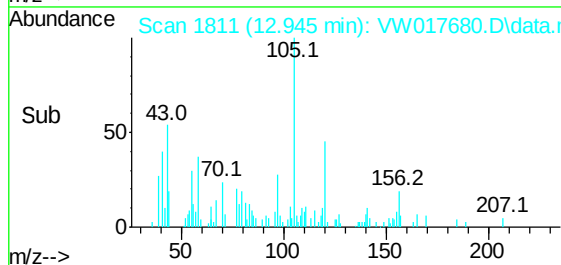
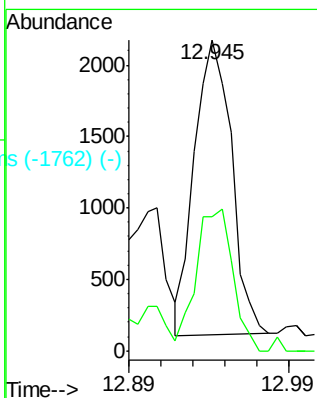
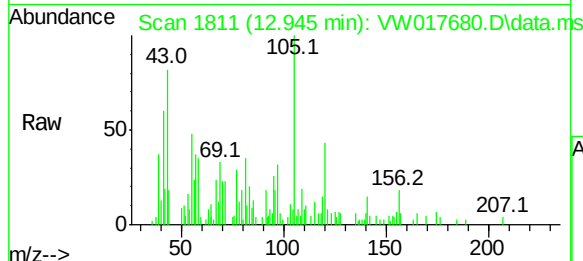




#890 (-)
 1,3,5-Trimethylbenzene
 Concen: 1.05 ug/l
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.001 min
 Lab File: VW017680.D
 Acq: 18 Dec 2020 16:53

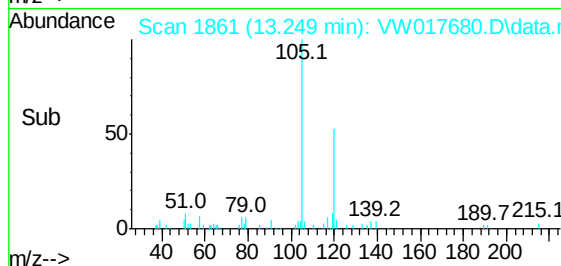
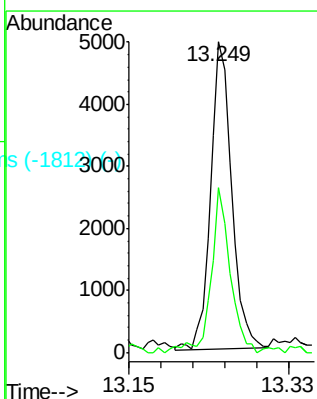
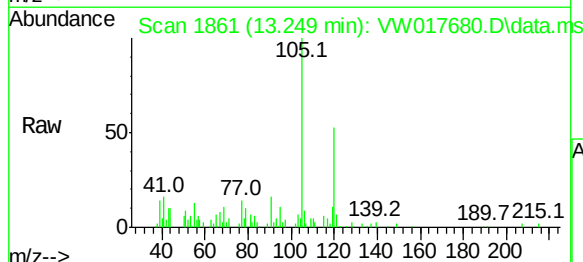
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-12-18-20

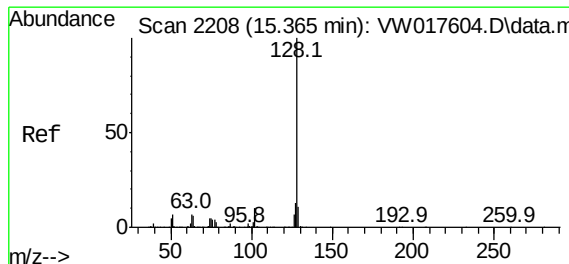
Tgt Ion:105 Resp: 3485
 Ion Ratio Lower Upper
 105 100
 120 47.3 24.9 74.8



#894 (-)
 1,2,4-Trimethylbenzene
 Concen: 2.47 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW017680.D
 Acq: 18 Dec 2020 16:53

Tgt Ion:105 Resp: 8096
 Ion Ratio Lower Upper
 105 100
 120 48.2 23.4 70.0





#95
Naphthalene
Concen: 3.34 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017680.D
Acq: 18 Dec 2020 16:53

Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20

Tgt Ion:128 Resp: 6517
Ion Ratio Lower Upper
128 100
127 16.5 10.4 15.6#
129 15.9 8.6 12.8#

