

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
 Data File : Vw017687.D
 Acq On : 21 Dec 2020 12:37
 Operator : SY/VA
 Sample : L5155-01RE
 Misc : 5.65G/5ML/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 22 03:46:14 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)

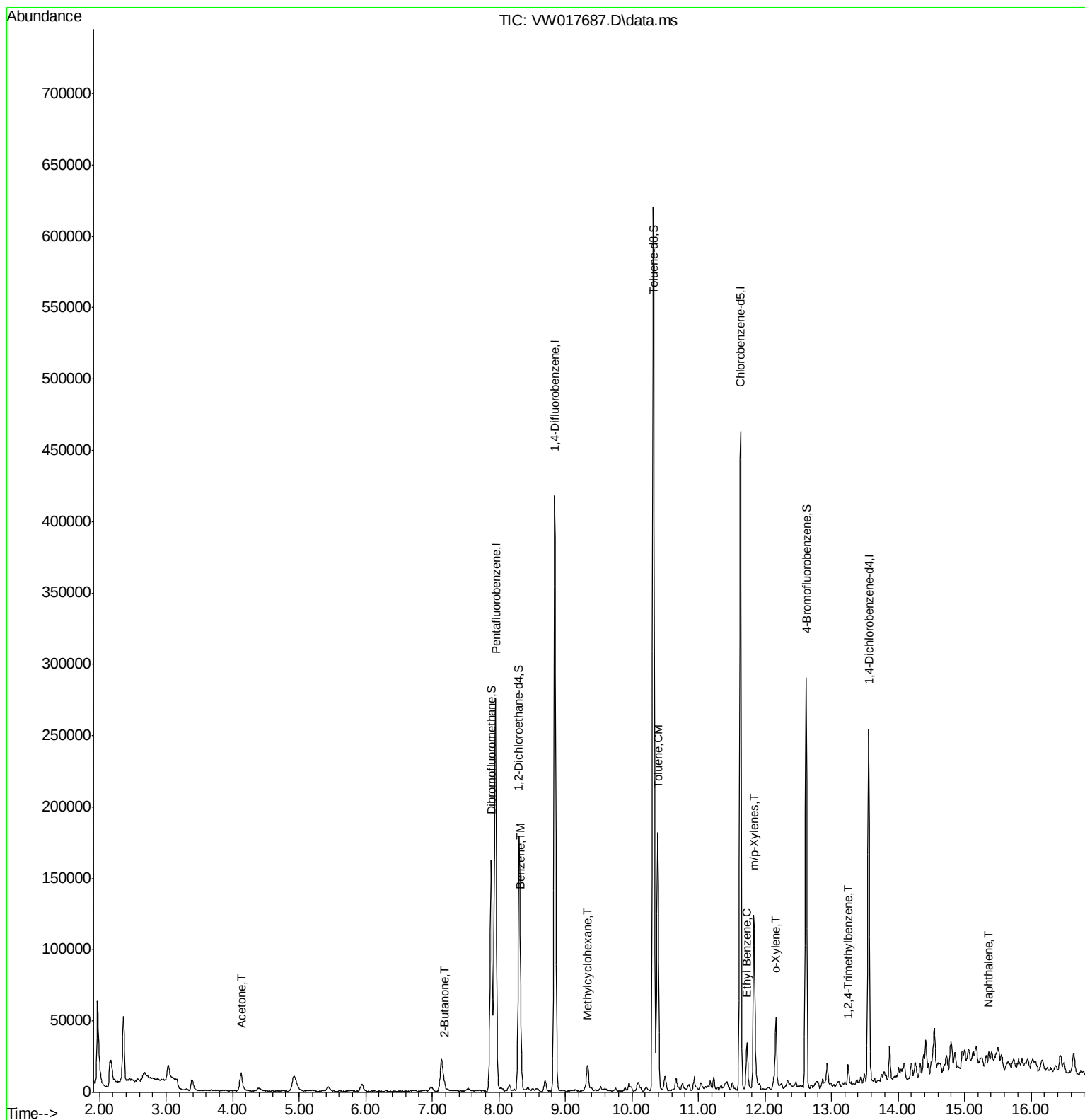
Internal Standards						
1) Pentafluorobenzene	7.951	168	192286	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.841	114	341143	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	244525	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	60511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	129240	55.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.36%	
35) Dibromofluoromethane	7.884	113	113157	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
50) Toluene-d8	10.323	98	391540	44.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.10%	
62) 4-Bromofluorobenzene	12.621	95	87208	27.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	55.58%	
Target Compounds						
16) Acetone	4.129	43	22557	44.26	ug/l	Qvalue 96
25) 2-Butanone	7.183	43	7478	11.02	ug/l	95
39) Methylcyclohexane	9.335	83	7102	1.57	ug/l #	85
40) Benzene	8.323	78	28036	2.96	ug/l	93
52) Toluene	10.390	92	73915	11.95	ug/l	95
67) Ethyl Benzene	11.731	91	20537	2.10	ug/l	97
68) m/p-Xylenes	11.835	106	34962	9.39	ug/l	97
69) o-Xylene	12.164	106	12480	3.55	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	8075	2.02	ug/l	99
95) Naphthalene	15.365	128	8727	3.67	ug/l #	95

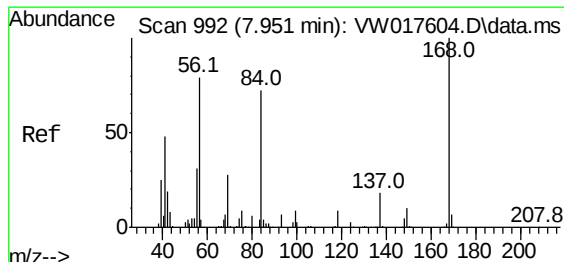
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
Data File : VW017687.D
Acq On : 21 Dec 2020 12:37
Operator : SY/VA
Sample : L5155-01RE
Misc : 5.65G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Dec 22 03:46:14 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

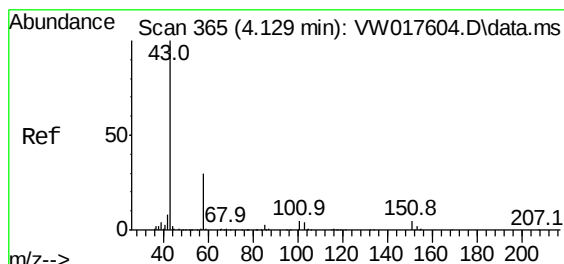
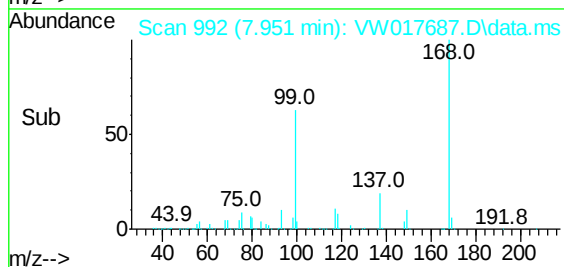
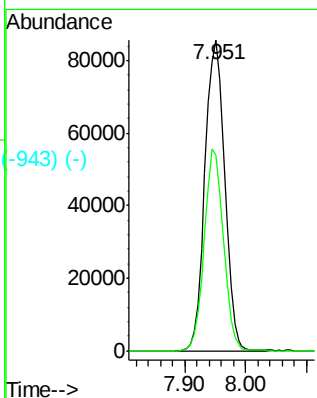
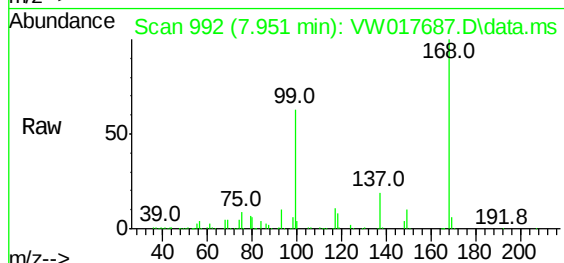




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.951 min Scan# 992
Delta R.T. 0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

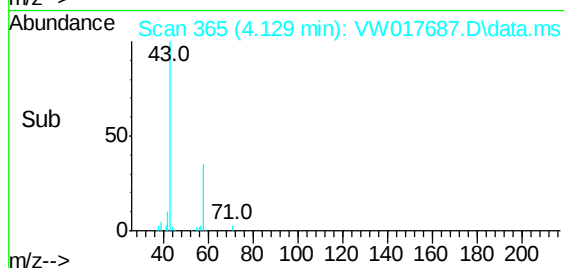
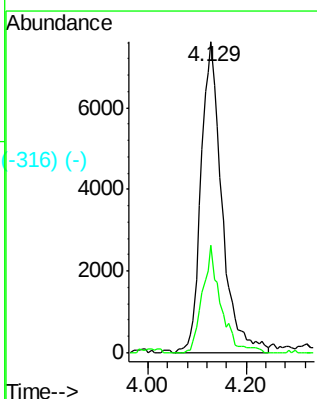
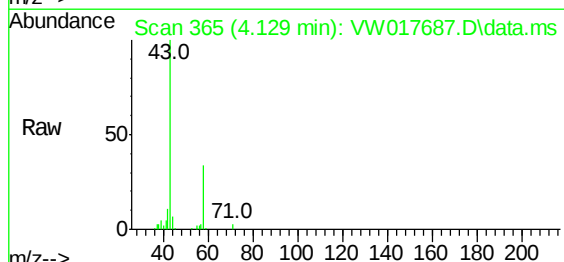
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20RE

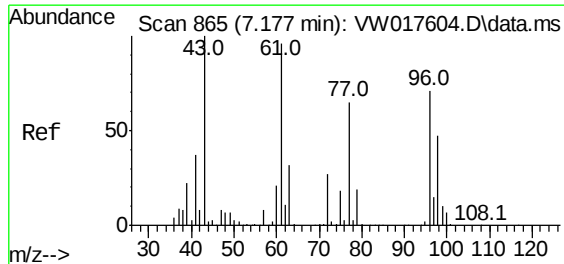
Tgt Ion:168 Resp: 192286
Ion Ratio Lower Upper
168 100
99 62.8 40.7 61.1#



Acetone
Concen: 44.26 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion: 43 Resp: 22557
Ion Ratio Lower Upper
43 100
58 34.5 25.7 38.5

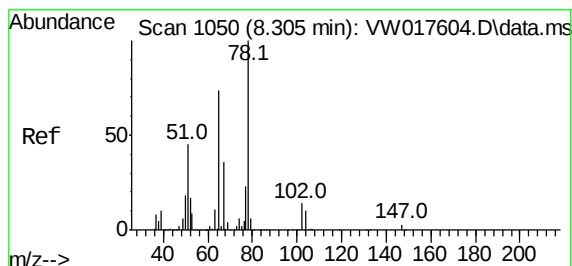
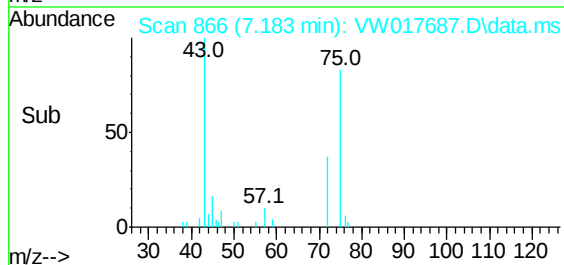
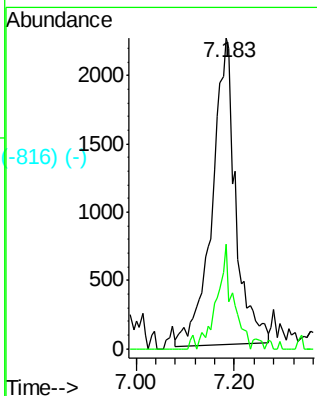
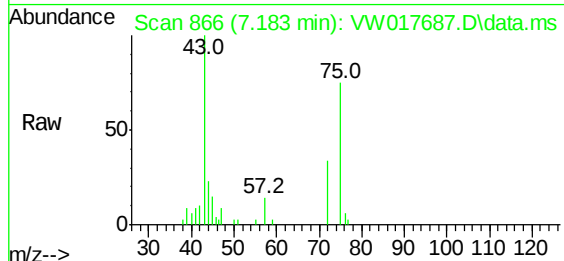




2-Butanone
Concen: 11.02 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

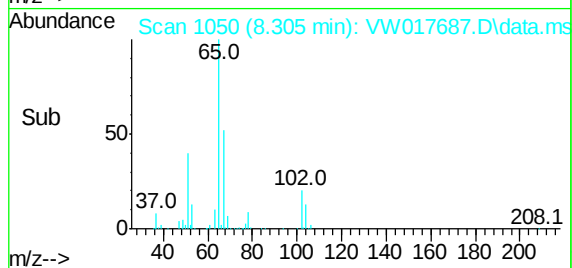
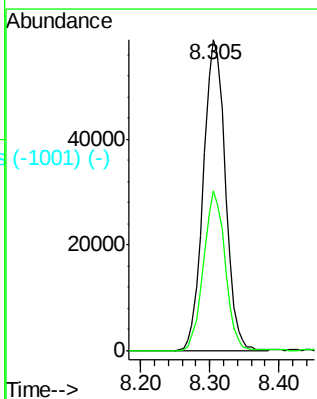
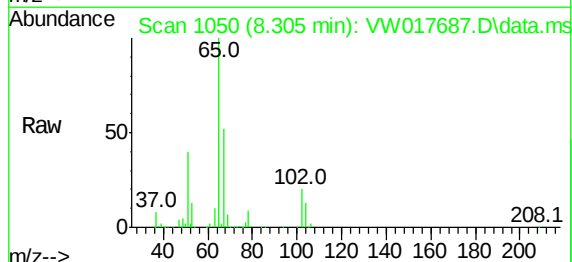
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20RE

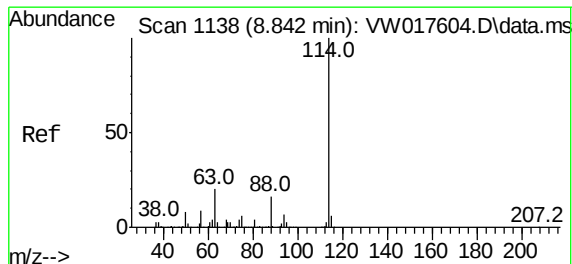
Tgt Ion: 43 Resp: 7478
Ion Ratio Lower Upper
43 100
72 34.4 25.4 38.2



1,2-Dichloroethane-d4
Concen: 55.18 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion: 65 Resp: 129240
Ion Ratio Lower Upper
65 100
67 50.3 0.0 103.8



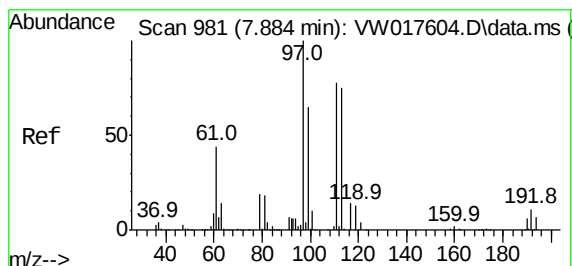
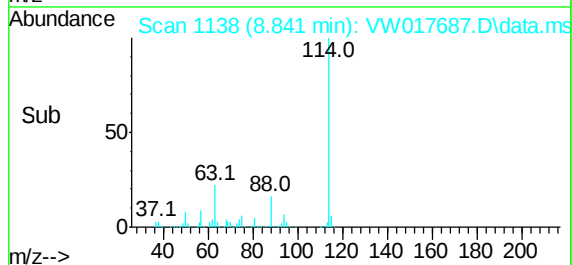
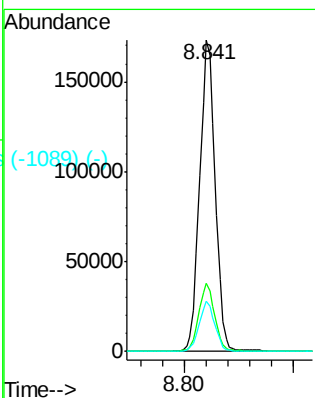
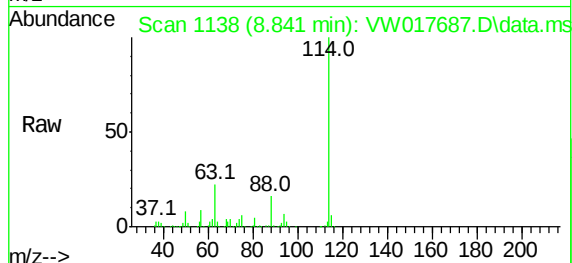


#128 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.841 min Scan# 1138
Delta R.T. -0.001 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

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

Tgt Ion:114 Resp: 341143

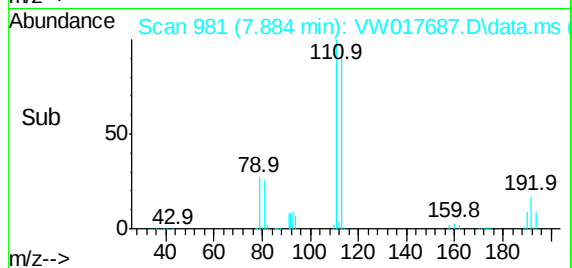
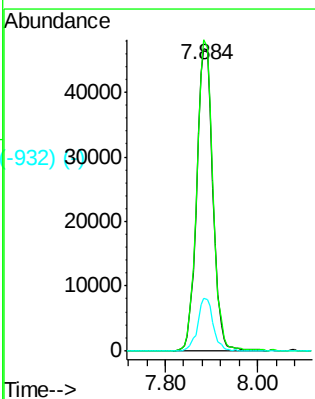
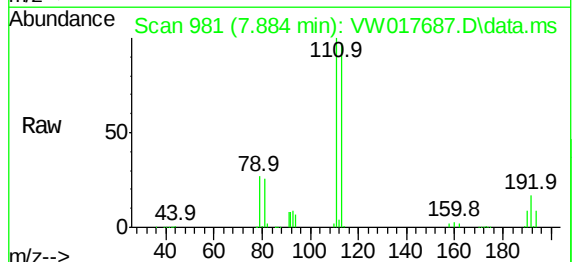
Ion	Ratio	Lower	Upper
114	100		
63	21.9	0.0	35.6
88	15.9	0.0	30.4

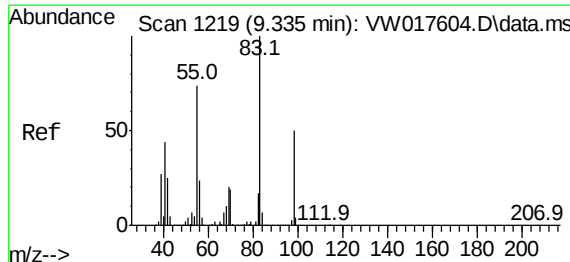


#25 (-)
Dibromofluoromethane
Concen: 50.12 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion:113 Resp: 113157

Ion	Ratio	Lower	Upper
113	100		
111	101.8	81.4	122.2
192	16.2	17.8	26.8#

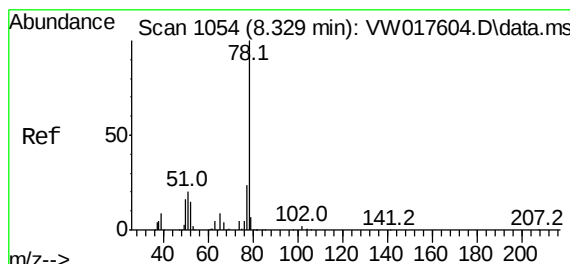
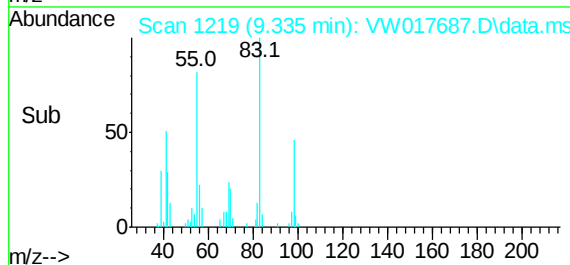
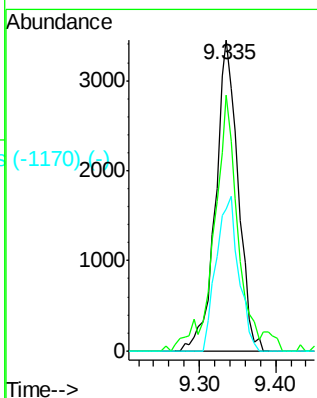
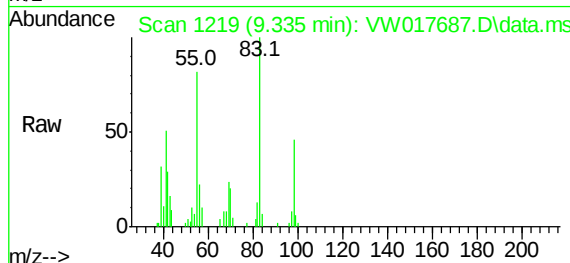




#1206 (-)
Methylcyclohexane
Concen: 1.57 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

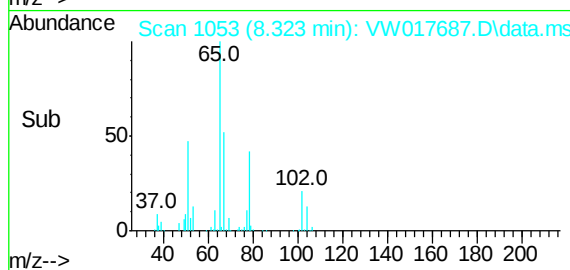
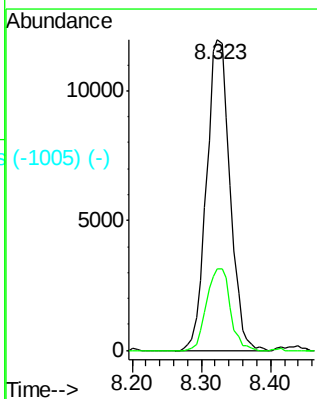
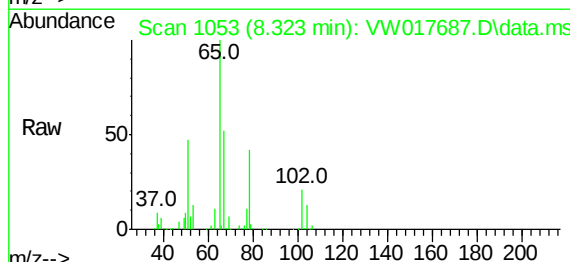
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20RE

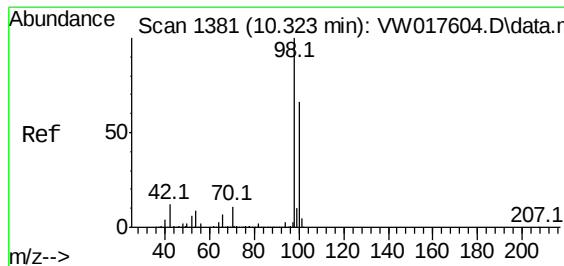
Tgt Ion: 83 Resp: 7102
Ion Ratio Lower Upper
83 100
55 80.3 51.7 77.5#
98 45.8 41.0 61.4



#1009 (-)
Benzene
Concen: 2.96 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion: 78 Resp: 28036
Ion Ratio Lower Upper
78 100
77 26.4 18.5 27.7

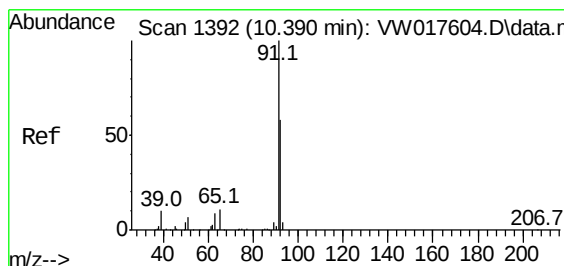
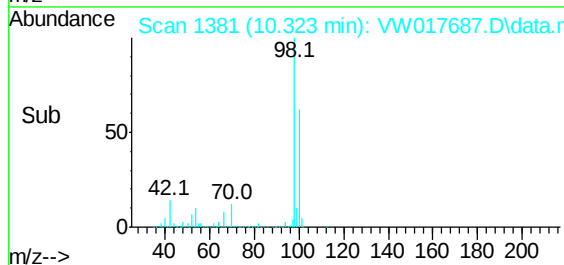
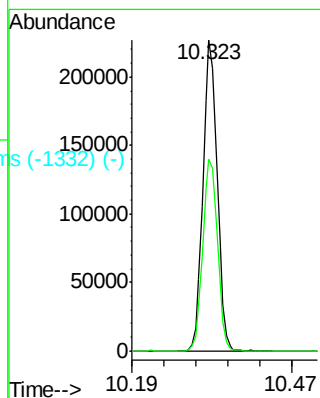
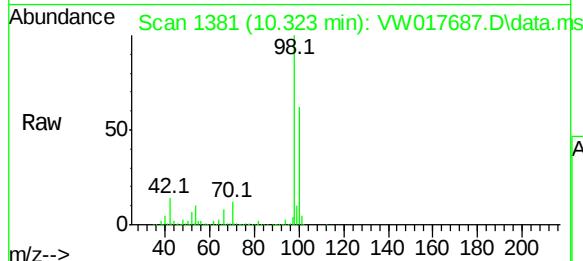




#50
Toluene-d8
Concen: 44.55 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

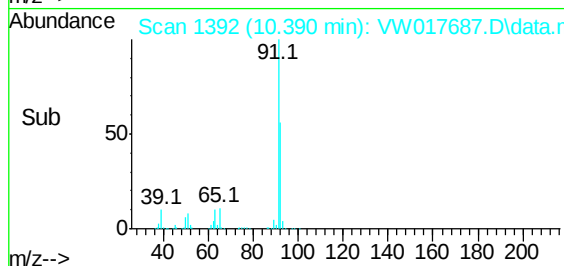
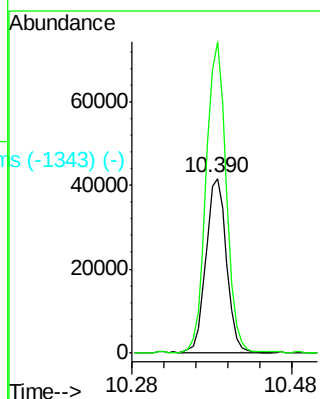
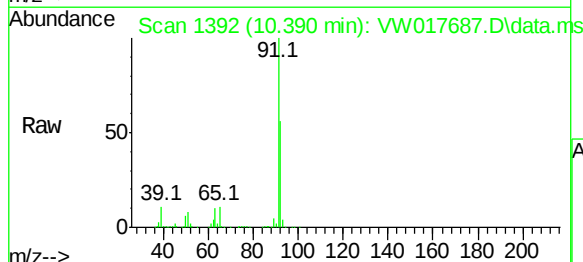
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20RE

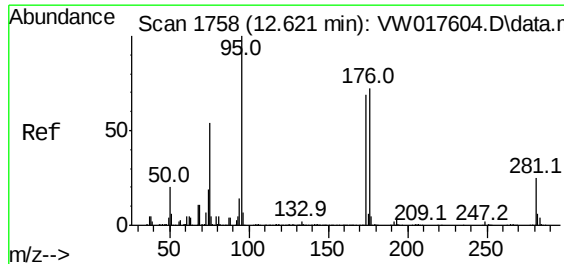
Tgt Ion: 98 Resp: 391540
Ion Ratio Lower Upper
98 100
100 63.9 53.3 79.9



#52
Toluene
Concen: 11.95 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion: 92 Resp: 73915
Ion Ratio Lower Upper
92 100
91 175.1 134.7 202.1

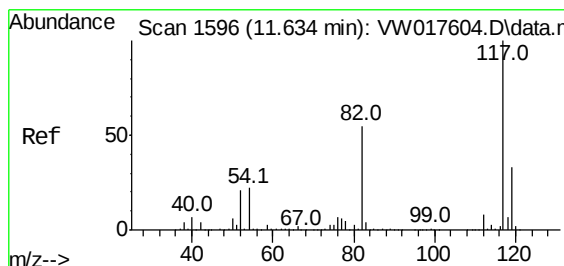
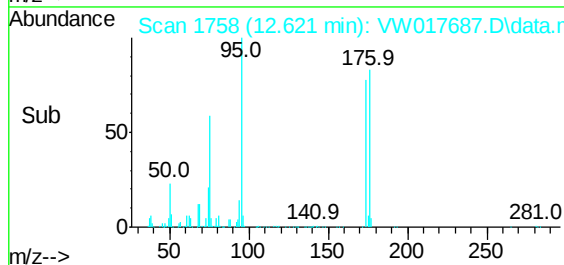
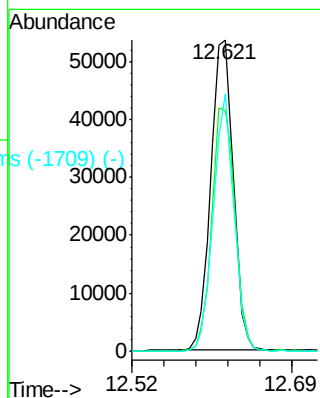
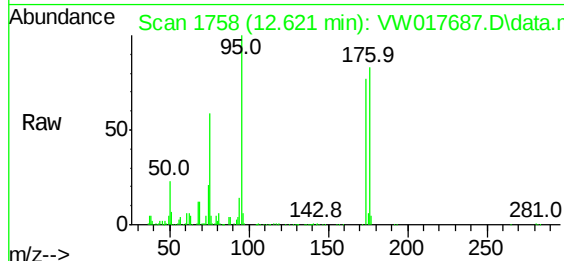




4-Bromofluorobenzene
 Concen: 27.79 ug/l
 RT: 12.621 min Scan# 1758
 Delta R.T. 0.000 min
 Lab File: VW017687.D
 Acq: 21 Dec 2020 12:37

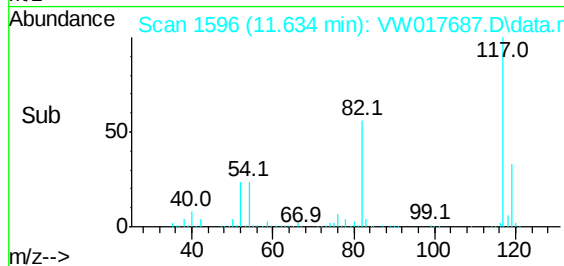
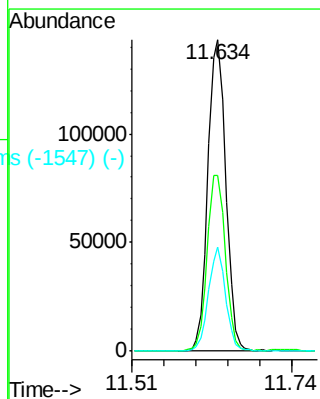
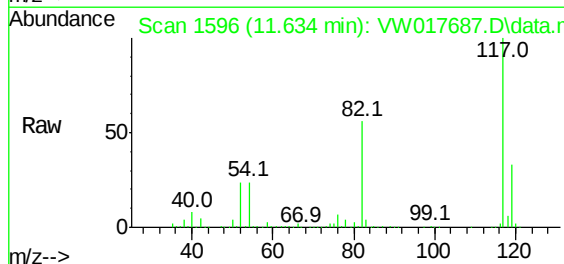
Instrument :
 MSVOA_W
 ClientSampleId :
 TR-04-12-18-20RE

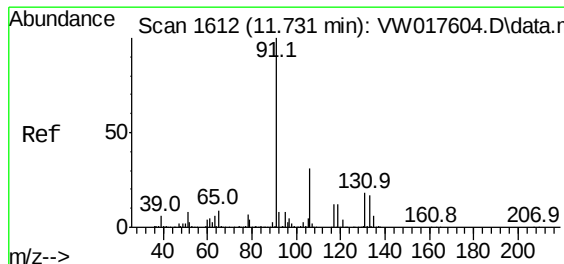
Tgt Ion:	95	Resp:	87208
Ion Ratio	Lower	Upper	
95	100		
174	79.9	0.0	180.6
176	75.8	0.0	177.6



Chlorobenzene-d5
 Concen: 50.00 ug/l
 RT: 11.634 min Scan# 1596
 Delta R.T. -0.000 min
 Lab File: VW017687.D
 Acq: 21 Dec 2020 12:37

Tgt Ion:	117	Resp:	244525
Ion Ratio	Lower	Upper	
117	100		
82	56.3	40.7	61.1
119	33.3	25.0	37.4

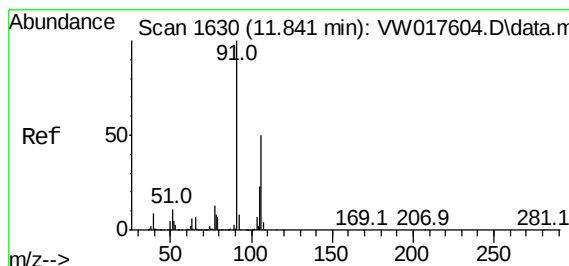
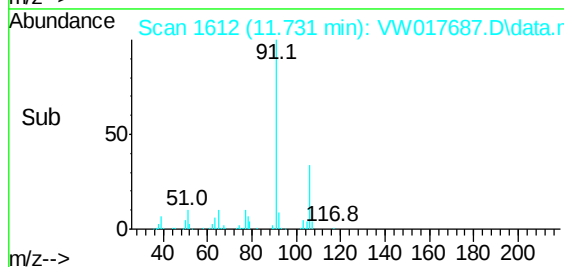
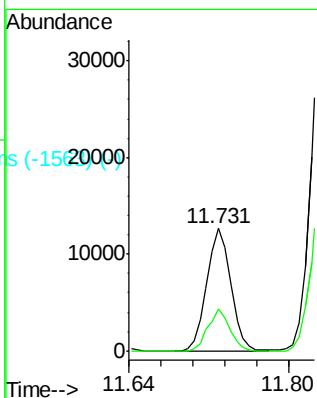
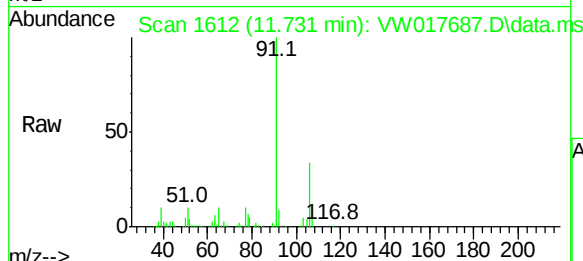




#67
Ethyl Benzene
Concen: 2.10 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

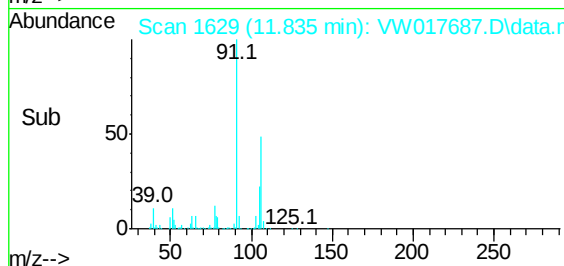
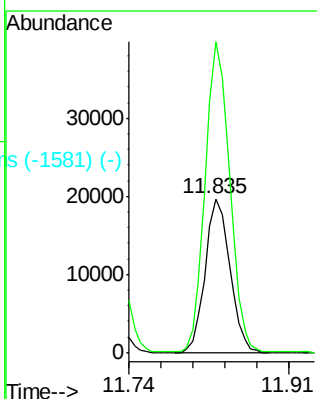
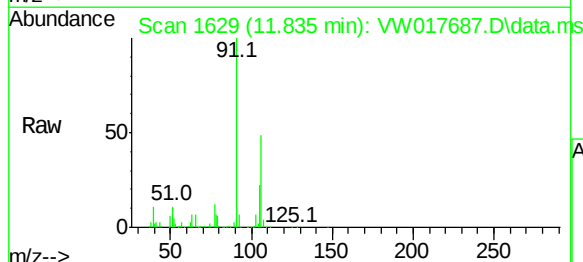
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20RE

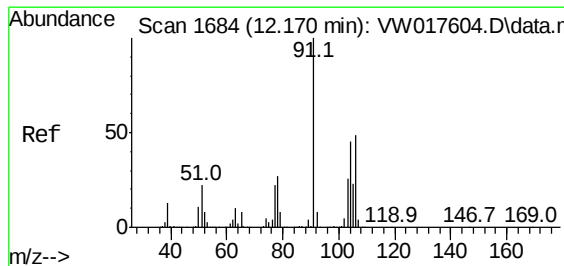
Tgt Ion: 91 Resp: 20537
Ion Ratio Lower Upper
91 100
106 34.3 25.9 38.9



#68
m/p-Xylenes
Concen: 9.39 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion: 106 Resp: 34962
Ion Ratio Lower Upper
106 100
91 200.8 157.4 236.0

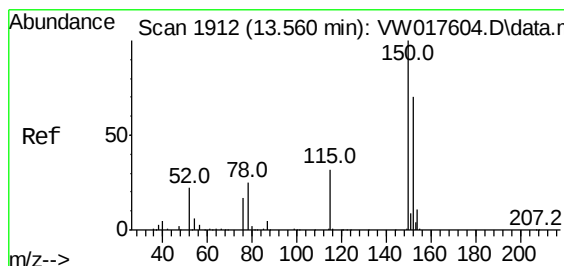
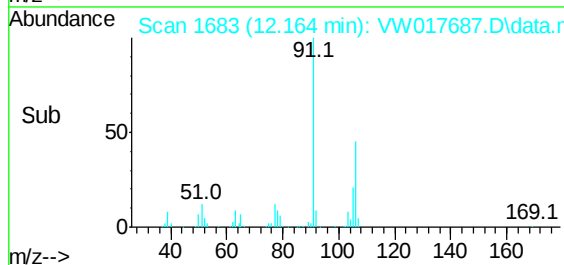
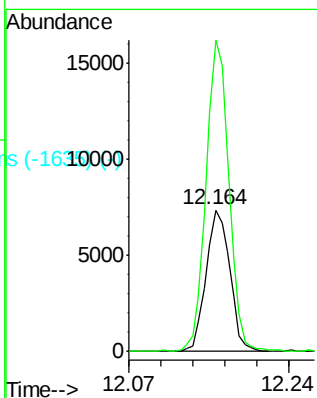
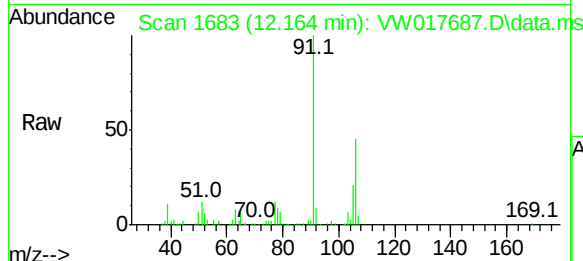




o-Xylene
Concen: 3.55 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

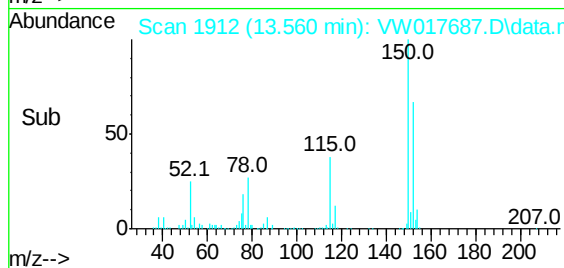
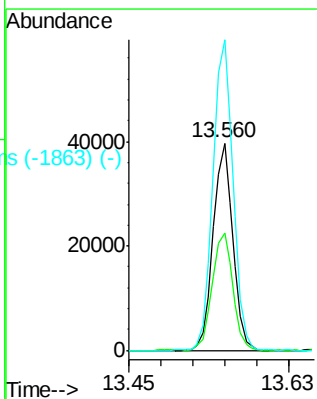
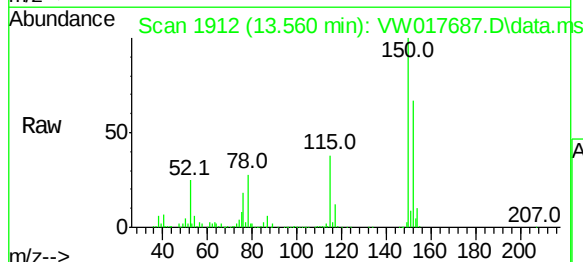
Instrument :
MSVOA_W
ClientSampleId :
TR-04-12-18-20RE

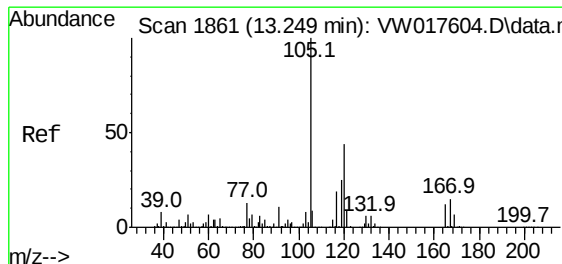
Tgt Ion:106 Resp: 12480
Ion Ratio Lower Upper
106 100
91 211.9 103.6 310.9



1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017687.D
Acq: 21 Dec 2020 12:37

Tgt Ion:152 Resp: 60511
Ion Ratio Lower Upper
152 100
115 59.6 27.9 83.7
150 153.6 0.0 344.0

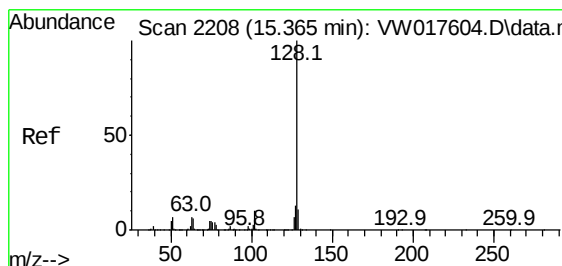
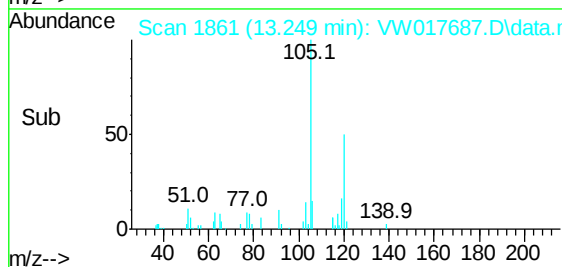
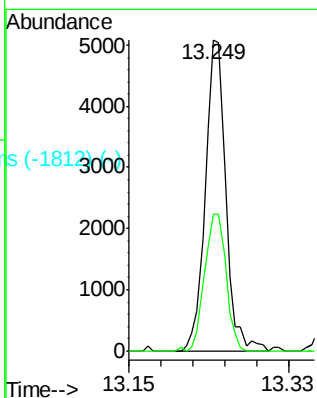
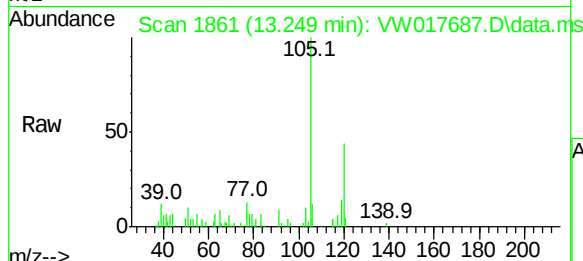




#948 (-)
 1,2,4-Trimethylbenzene
 Concen: 2.02 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW017687.D
 Acq: 21 Dec 2020 12:37

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

Tgt Ion:105 Resp: 8075
 Ion Ratio Lower Upper
 105 100
 120 46.3 23.4 70.0



#949 (-)
 Naphthalene
 Concen: 3.67 ug/l
 RT: 15.365 min Scan# 2208
 Delta R.T. -0.000 min
 Lab File: VW017687.D
 Acq: 21 Dec 2020 12:37

Tgt Ion:128 Resp: 8727
 Ion Ratio Lower Upper
 128 100
 127 16.0 10.4 15.6#
 129 11.2 8.6 12.8

