

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\Vw122120\
 Data File : Vw017688.D
 Acq On : 21 Dec 2020 16:01
 Operator : SY/VA
 Sample : L5176-01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26878

Quant Time: Dec 22 03:46:33 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)

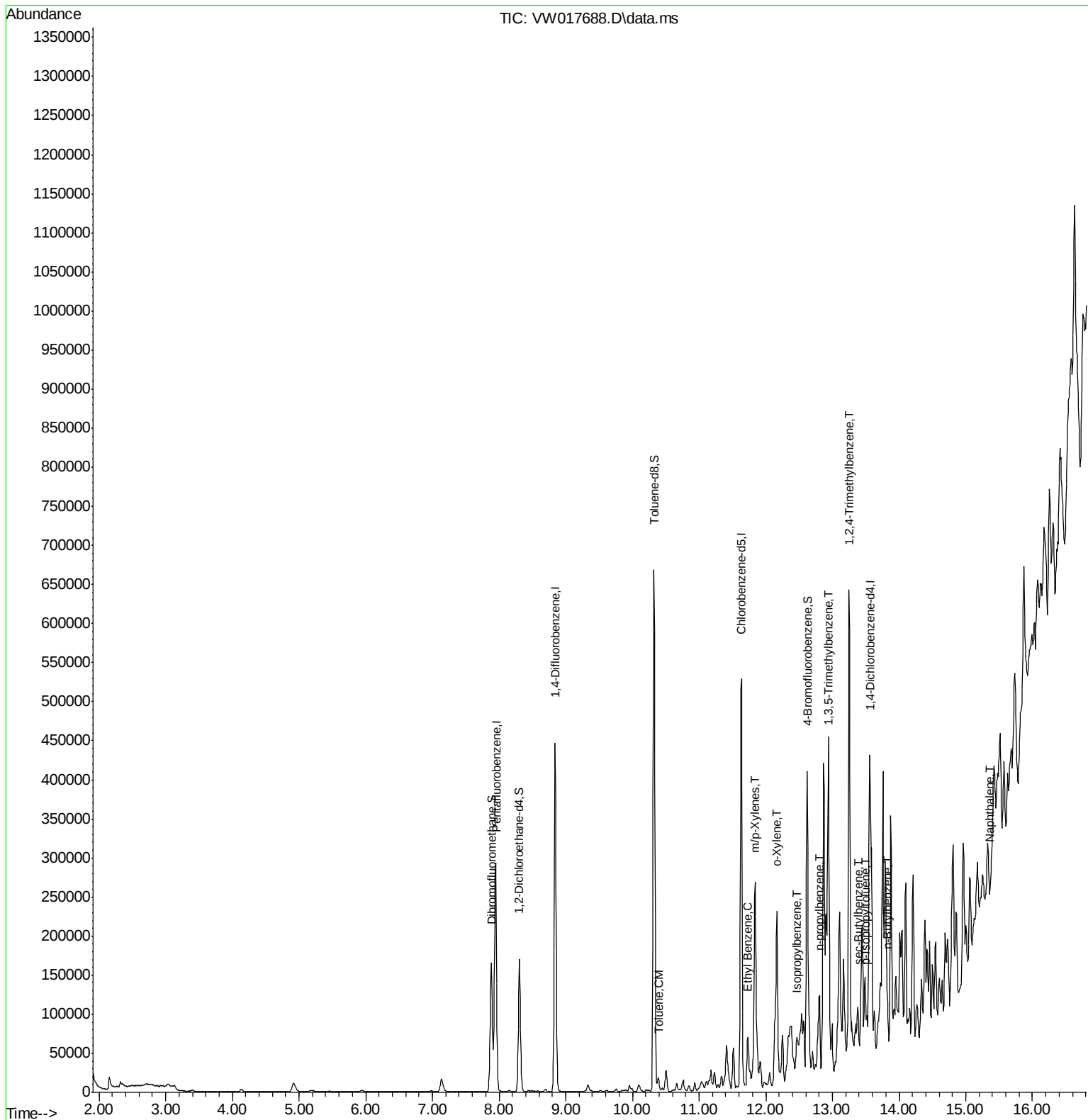
Internal Standards						
1) Pentafluorobenzene	7.952	168	210409	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	359998	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	279727	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	86190	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	134986	52.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.34%	
35) Dibromofluoromethane	7.891	113	115388	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
50) Toluene-d8	10.323	98	421500	45.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.88%	
62) 4-Bromofluorobenzene	12.621	95	114339	34.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.06%	
Target Compounds						
						Qvalue
52) Toluene	10.390	92	6691	1.02	ug/l	92
67) Ethyl Benzene	11.731	91	42721	3.82	ug/l	98
68) m/p-Xylenes	11.835	106	47588	11.17	ug/l	94
69) o-Xylene	12.164	106	50161	12.48	ug/l	92
73) Isopropylbenzene	12.463	105	21130	3.10	ug/l	98
78) n-propylbenzene	12.804	91	72374	8.94	ug/l	96
80) 1,3,5-Trimethylbenzene	12.945	105	122840	21.30	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	317500	55.89	ug/l	97
85) sec-Butylbenzene	13.384	105	28281	4.08	ug/l	85
86) p-Isopropyltoluene	13.499	119	17509	2.80	ug/l	95
89) n-Butylbenzene	13.822	91	29186	4.75	ug/l #	75
95) Naphthalene	15.365	128	17860	5.28	ug/l	97

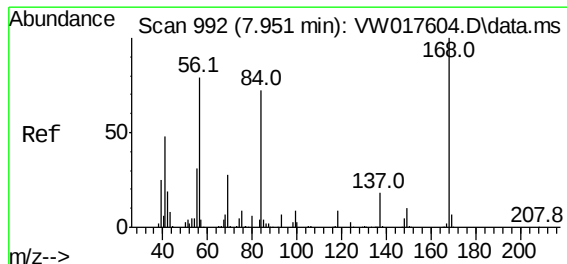
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

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Response via : Initial Calibration

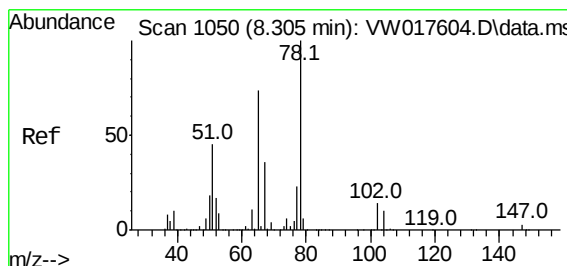
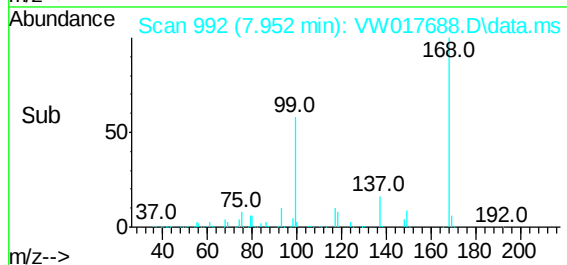
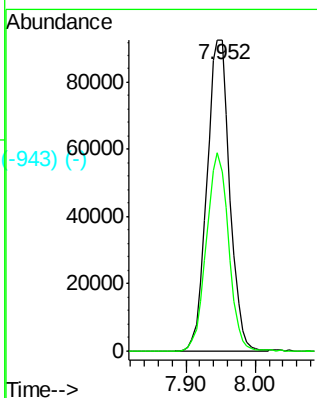
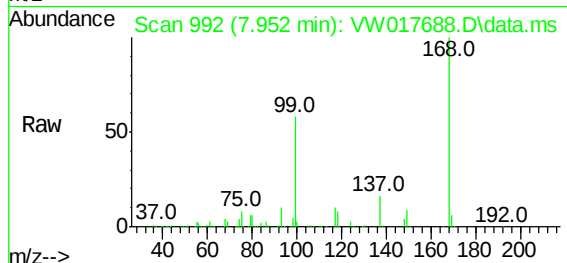




Pentafluorobenzene
 Concen: 50.00 ug/l
 RT: 7.952 min Scan# 992
 Delta R.T. 0.001 min
 Lab File: VW017688.D
 Acq: 21 Dec 2020 16:01

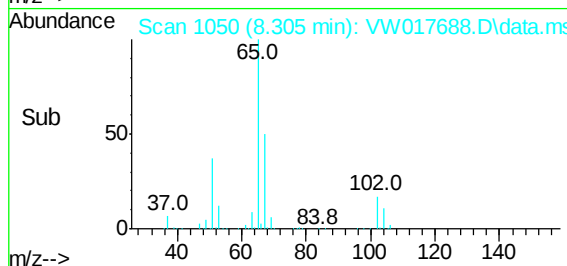
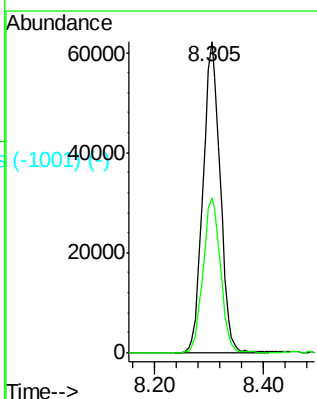
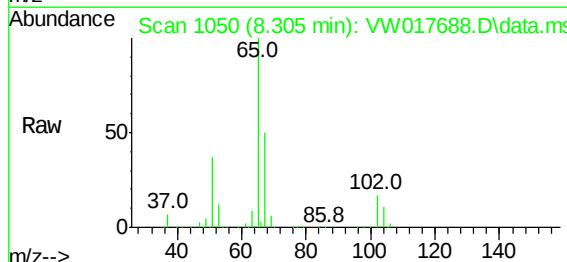
Instrument :
 MSVOA_W
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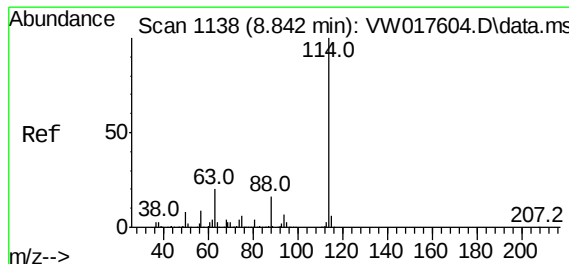
Tgt Ion: 168 Resp: 210409
 Ion Ratio Lower Upper
 168 100
 99 57.7 40.7 61.1



1,2-Dichloroethane-d4
 Concen: 52.67 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW017688.D
 Acq: 21 Dec 2020 16:01

Tgt Ion: 65 Resp: 134986
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 103.8

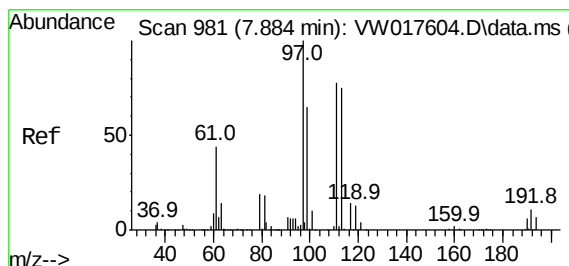
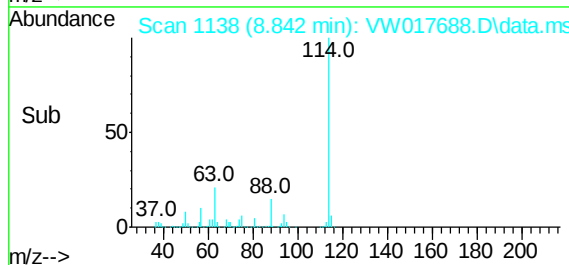
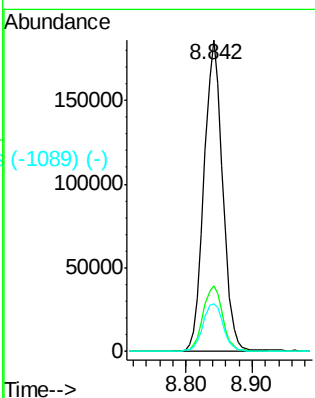
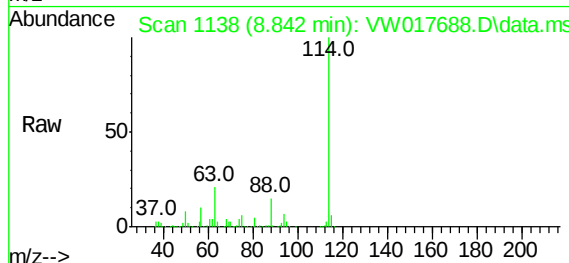




#948 (-)
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW017688.D
 Acq: 21 Dec 2020 16:01

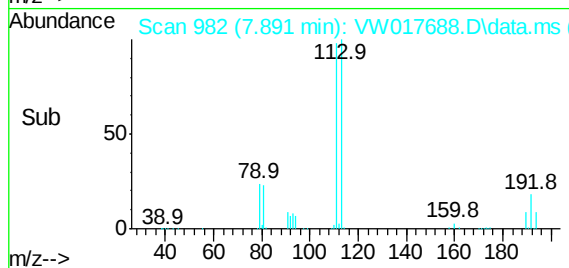
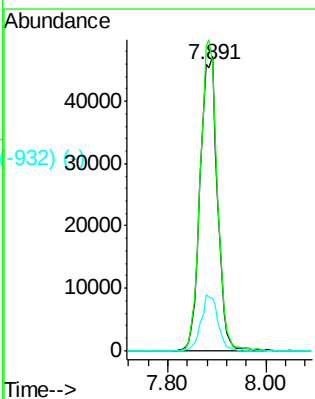
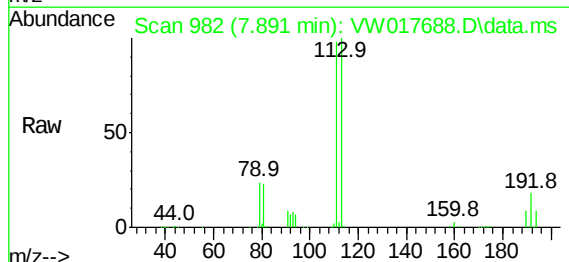
Instrument :
 MSVOA_W
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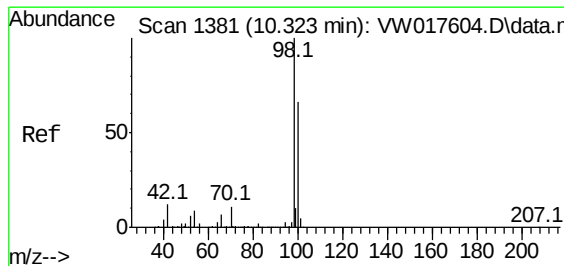
Tgt Ion:	114	Resp:	359998
Ion Ratio	Lower	Upper	
114	100		
63	20.8	0.0	35.6
88	15.2	0.0	30.4



#949 (-)
 Dibromofluoromethane
 Concen: 48.44 ug/l
 RT: 7.891 min Scan# 982
 Delta R.T. 0.007 min
 Lab File: VW017688.D
 Acq: 21 Dec 2020 16:01

Tgt Ion:	113	Resp:	115388
Ion Ratio	Lower	Upper	
113	100		
111	103.5	81.4	122.2
192	18.1	17.8	26.8

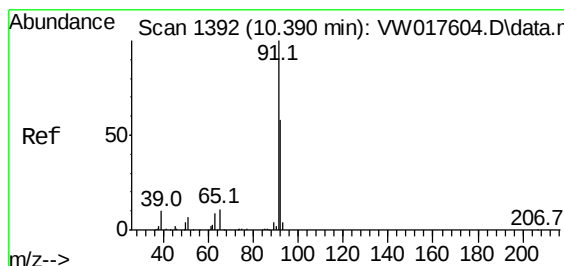
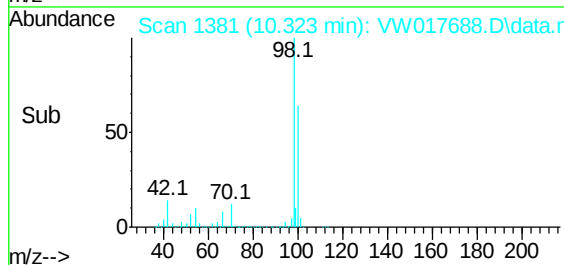
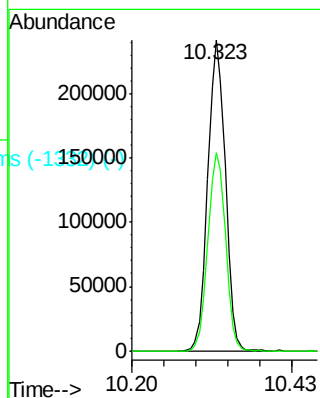
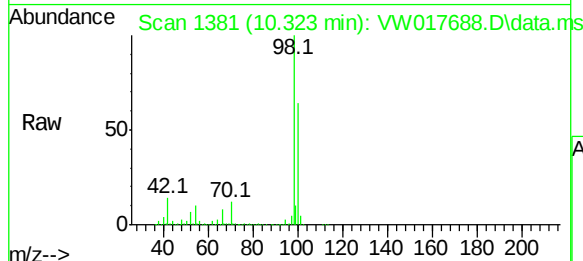




#50
Toluene-d8
Concen: 45.44 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

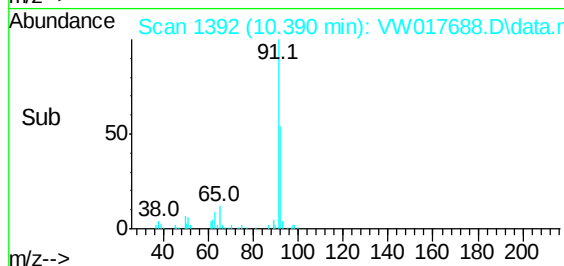
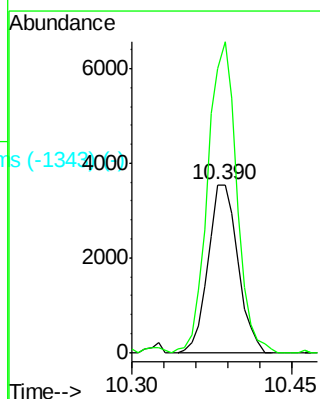
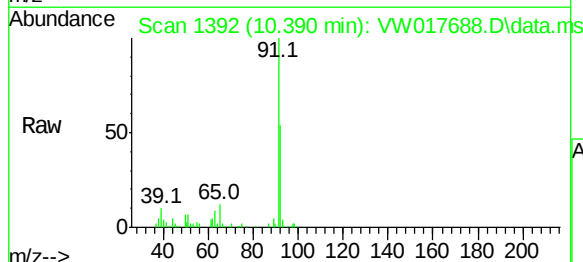
Instrument :
MSVOA_W
ClientSampleId :
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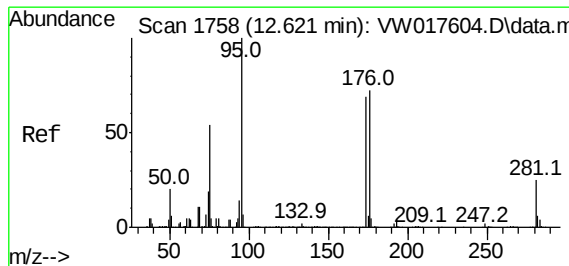
Tgt Ion: 98 Resp: 421500
Ion Ratio Lower Upper
98 100
100 64.1 53.3 79.9



#52
Toluene
Concen: 1.02 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

Tgt Ion: 92 Resp: 6691
Ion Ratio Lower Upper
92 100
91 179.7 134.7 202.1

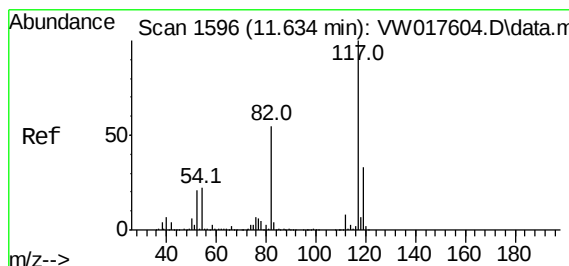
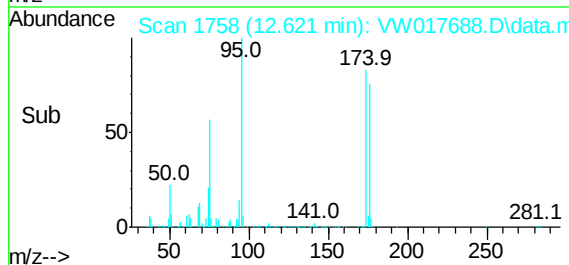
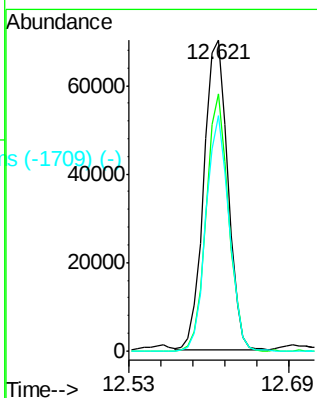
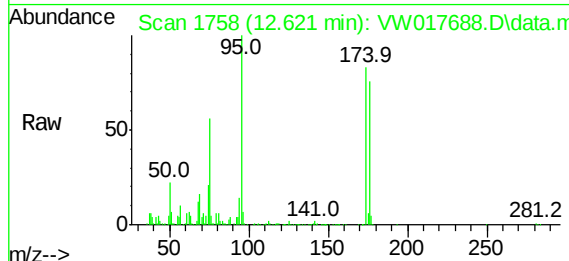




#6249 (-)
4-Bromofluorobenzene
Concen: 34.53 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.000 min
Lab File: Vw017688.D
Acq: 21 Dec 2020 16:01

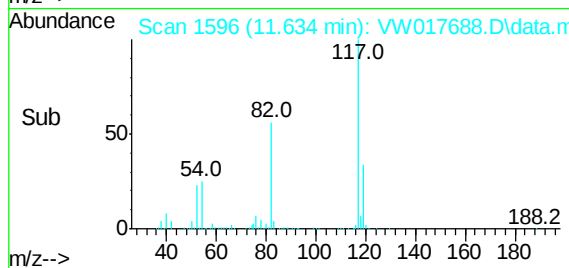
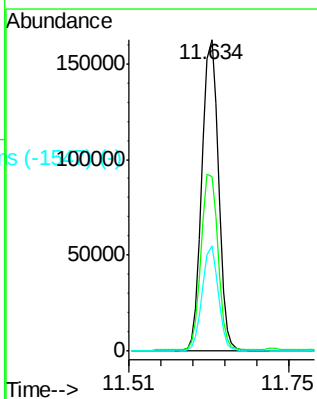
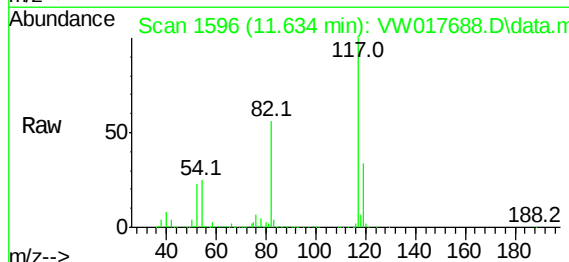
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ClientSampleId :
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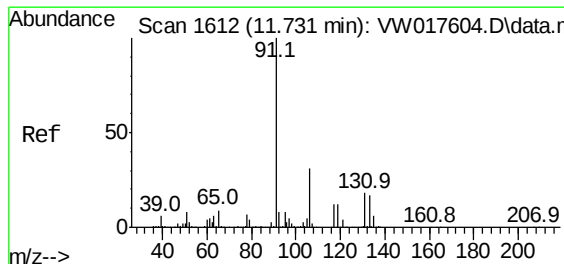
Tgt Ion: 95 Resp: 114339
Ion Ratio Lower Upper
95 100
174 76.6 0.0 180.6
176 72.5 0.0 177.6



#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: Vw017688.D
Acq: 21 Dec 2020 16:01

Tgt Ion:117 Resp: 279727
Ion Ratio Lower Upper
117 100
82 55.7 40.7 61.1
119 33.8 25.0 37.4

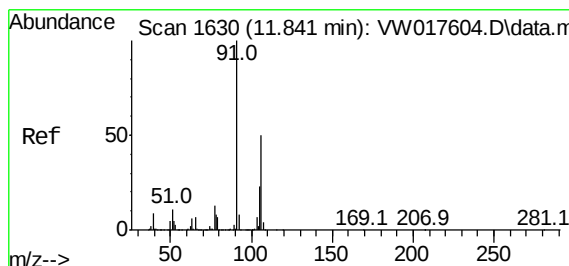
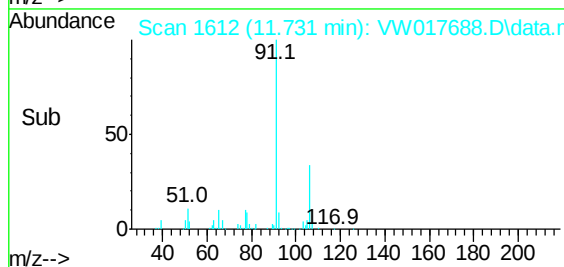
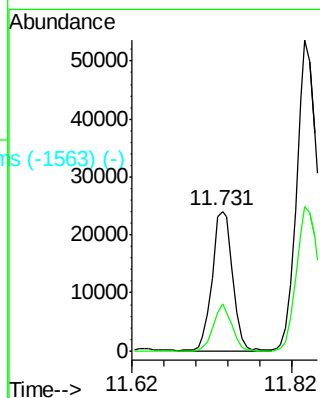
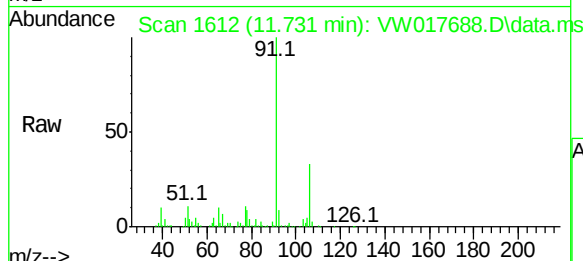




#67
Ethyl Benzene
Concen: 3.82 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

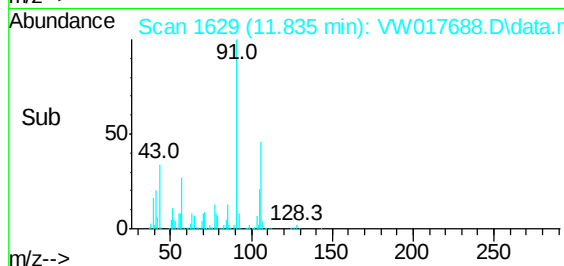
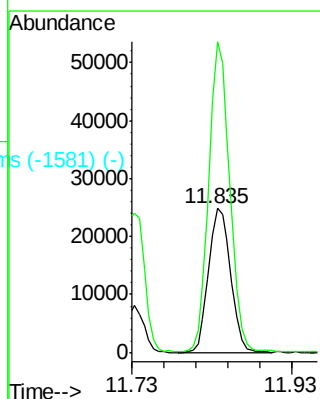
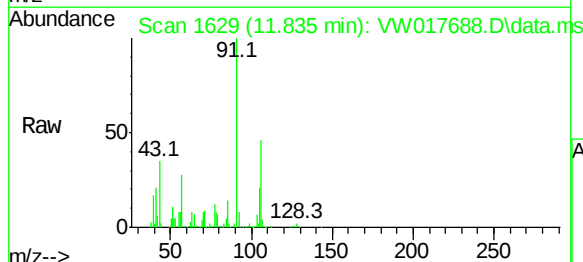
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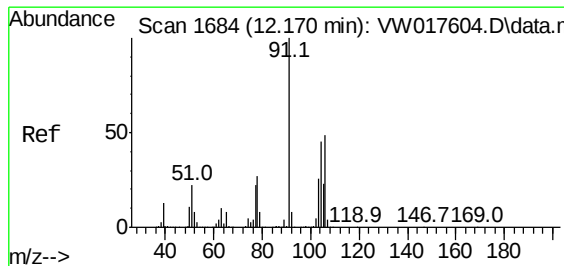
Tgt Ion: 91 Resp: 42721
Ion Ratio Lower Upper
91 100
106 33.5 25.9 38.9



#68
m/p-Xylenes
Concen: 11.17 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

Tgt Ion: 106 Resp: 47588
Ion Ratio Lower Upper
106 100
91 205.0 157.4 236.0

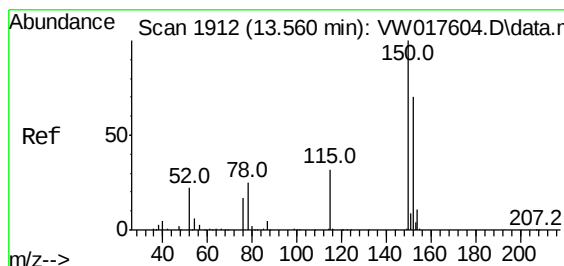
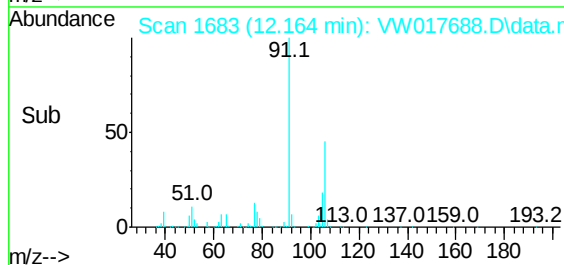
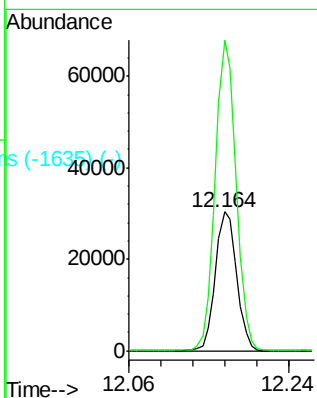
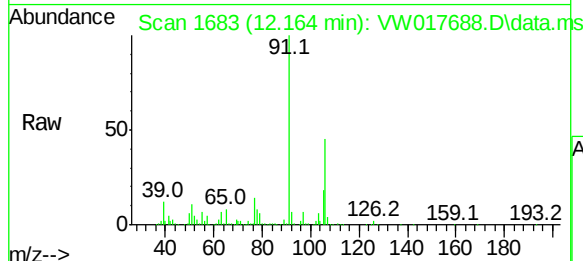




#6875 (-)
o-Xylene
Concen: 12.48 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

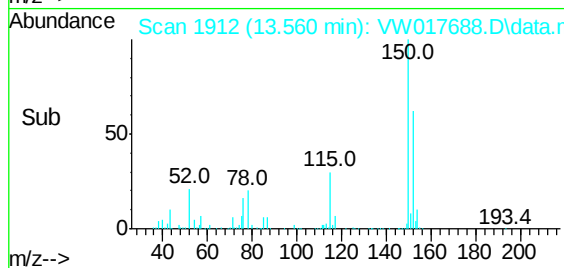
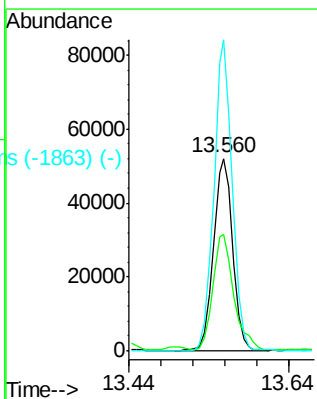
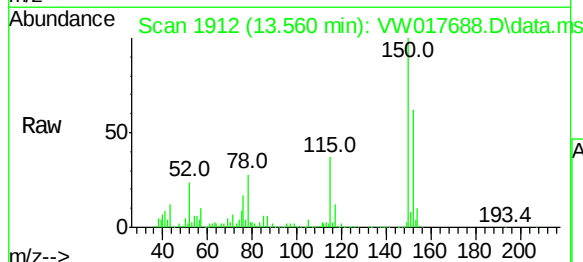
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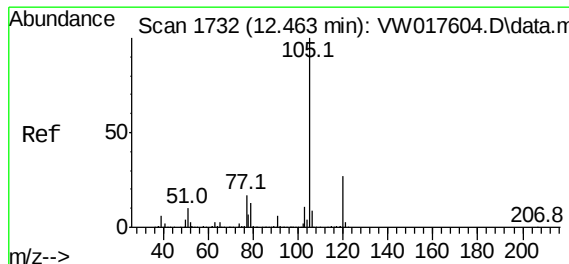
Tgt Ion:106 Resp: 50161
Ion Ratio Lower Upper
106 100
91 220.3 103.6 310.9



#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

Tgt Ion:152 Resp: 86190
Ion Ratio Lower Upper
152 100
115 66.2 27.9 83.7
150 154.4 0.0 344.0

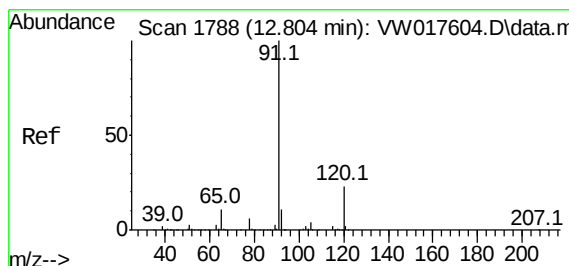
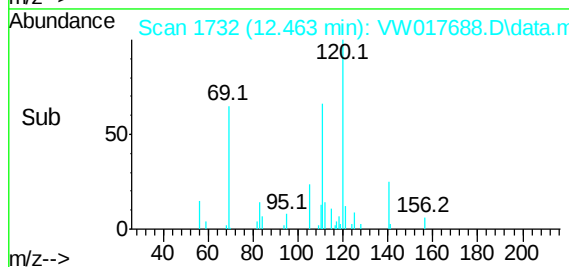
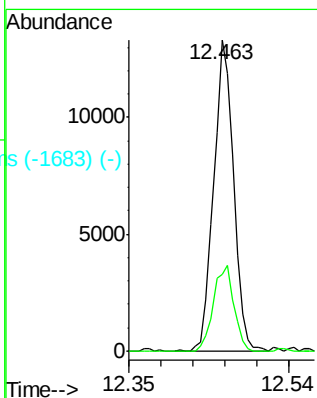
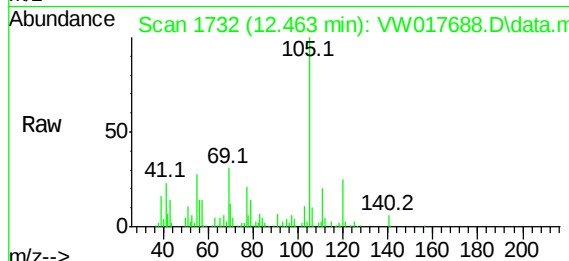




#1732 (-)
Isopropylbenzene
Concen: 3.10 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

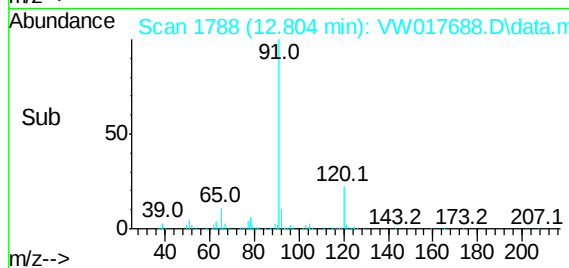
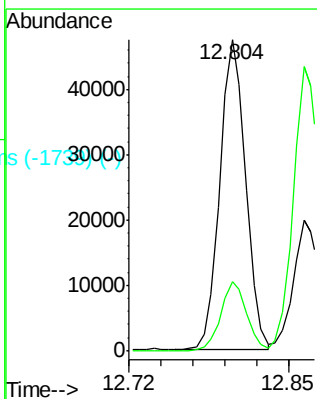
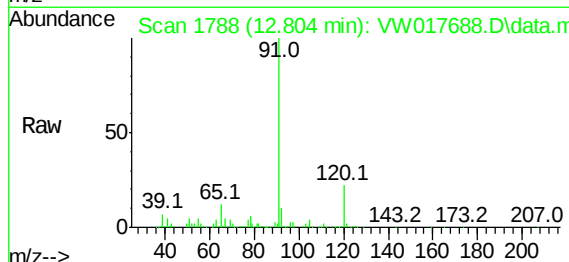
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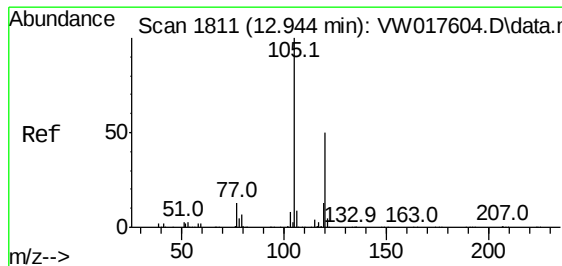
Tgt Ion:105 Resp: 21130
Ion Ratio Lower Upper
105 100
120 28.1 13.6 40.7



#1788 (-)
n-propylbenzene
Concen: 8.94 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

Tgt Ion: 91 Resp: 72374
Ion Ratio Lower Upper
91 100
120 22.2 12.0 36.1

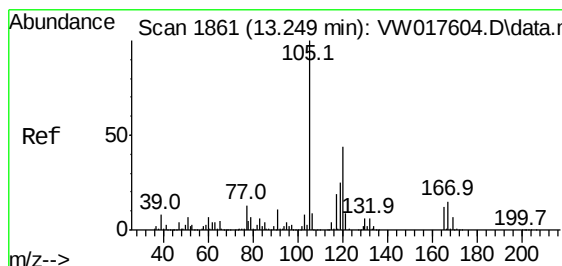
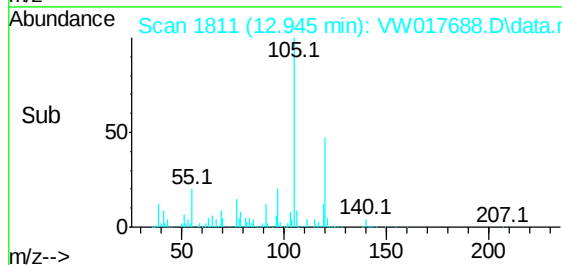
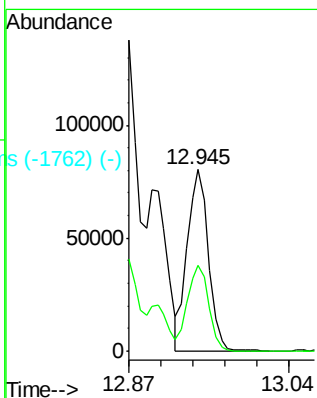
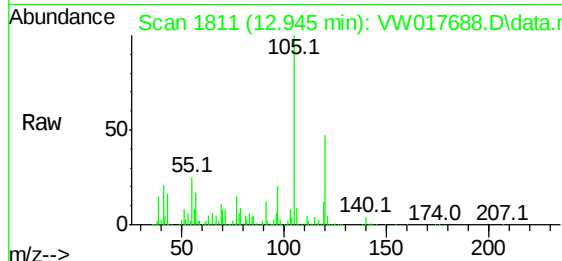




#890 (-)
 1,3,5-Trimethylbenzene
 Concen: 21.30 ug/l
 RT: 12.945 min Scan# 1811
 Delta R.T. 0.001 min
 Lab File: VW017688.D
 Acq: 21 Dec 2020 16:01

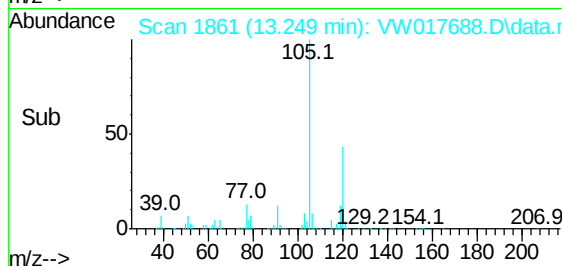
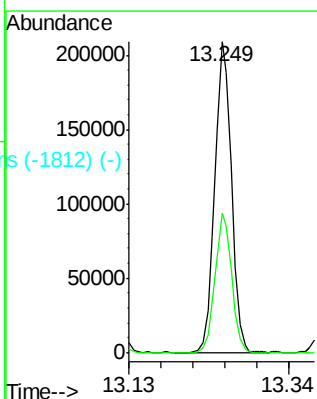
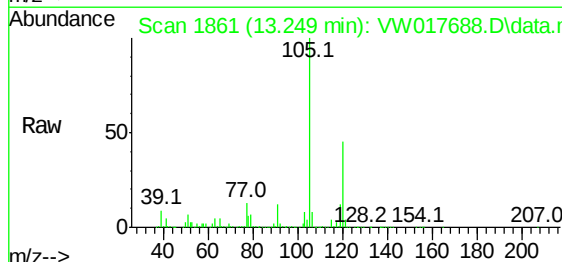
Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26878

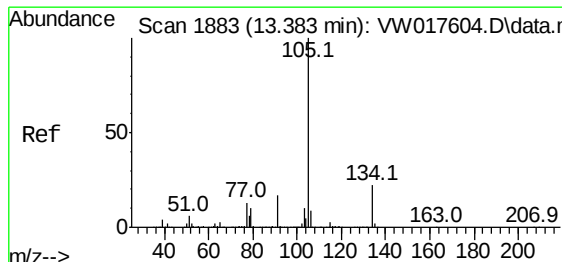
Tgt Ion:105 Resp: 122840
 Ion Ratio Lower Upper
 105 100
 120 47.9 24.9 74.8



#894 (-)
 1,2,4-Trimethylbenzene
 Concen: 55.89 ug/l
 RT: 13.249 min Scan# 1861
 Delta R.T. 0.000 min
 Lab File: VW017688.D
 Acq: 21 Dec 2020 16:01

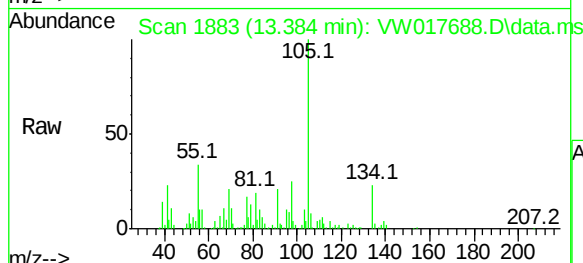
Tgt Ion:105 Resp: 317500
 Ion Ratio Lower Upper
 105 100
 120 44.6 23.4 70.0



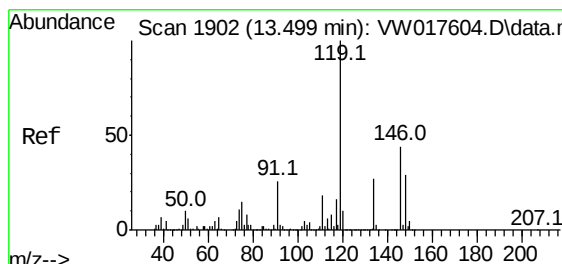
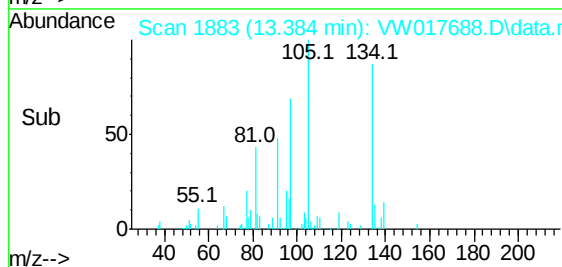
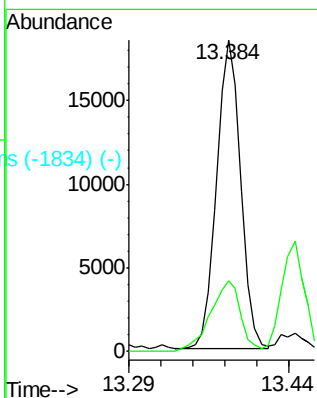


#85 (-)
 sec-Butylbenzene
 Concen: 4.08 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.001 min
 Lab File: Vw017688.D
 Acq: 21 Dec 2020 16:01

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26878

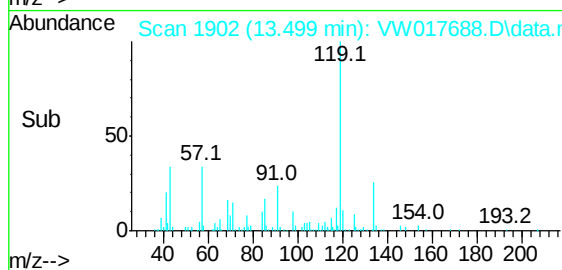
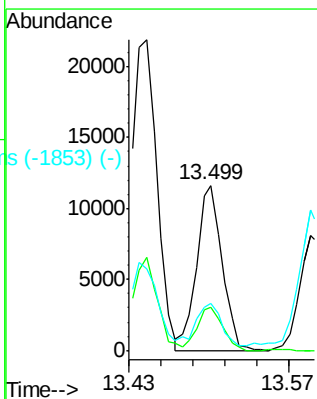
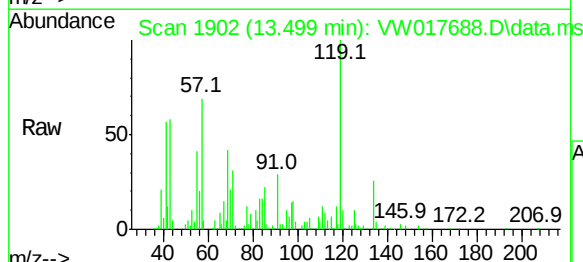


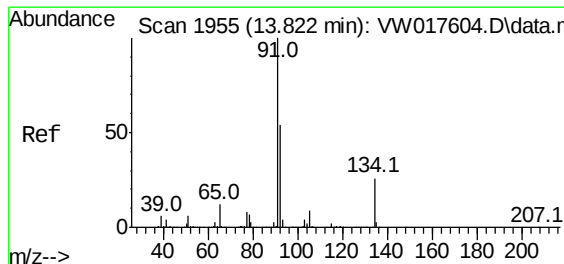
Tgt Ion:105 Resp: 28281
 Ion Ratio Lower Upper
 105 100
 134 28.2 10.6 31.8



#86 (-)
 p-Isopropyltoluene
 Concen: 2.80 ug/l
 RT: 13.499 min Scan# 1902
 Delta R.T. 0.000 min
 Lab File: Vw017688.D
 Acq: 21 Dec 2020 16:01

Tgt Ion:119 Resp: 17509
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.8 41.3
 91 26.1 11.3 33.9

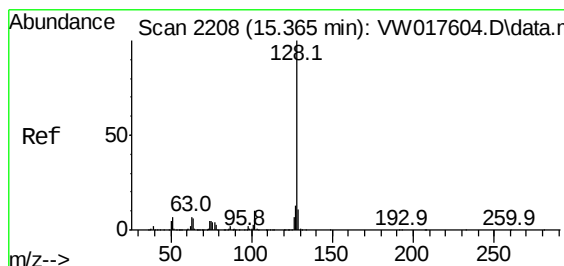
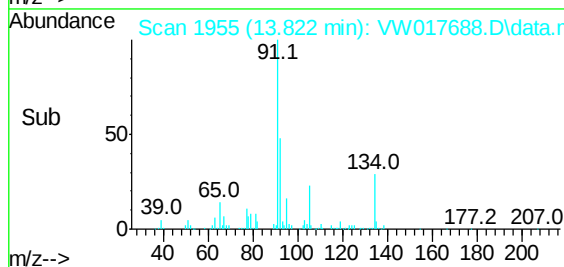
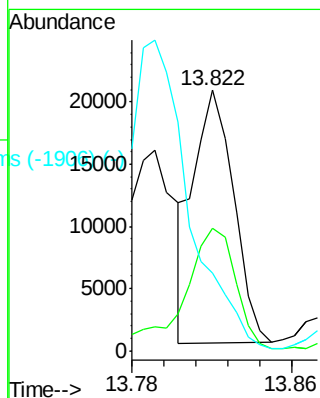
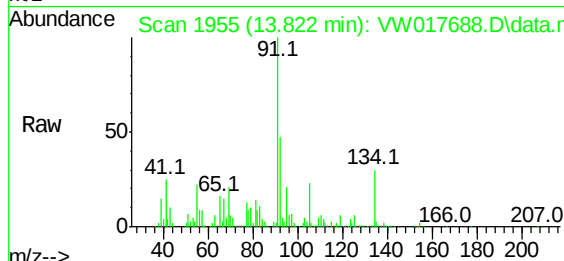




n-Butylbenzene
Concen: 4.75 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26878

Tgt Ion:	91	Resp:	29186
Ion Ratio	Lower	Upper	
91	100		
92	59.4	26.6	79.7
134	0.0	14.3	42.9



Naphthalene
Concen: 5.28 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017688.D
Acq: 21 Dec 2020 16:01

Tgt Ion:	128	Resp:	17860
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.4	15.6
129	9.2	8.6	12.8

