

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122220\
 Data File : Vw017701.D
 Acq On : 22 Dec 2020 13:12
 Operator : SY/VA
 Sample : L5179-01RE
 Misc : 4.73G/5ML/MSVOA_w/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-24743RE

Quant Time: Dec 23 02:08:46 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)

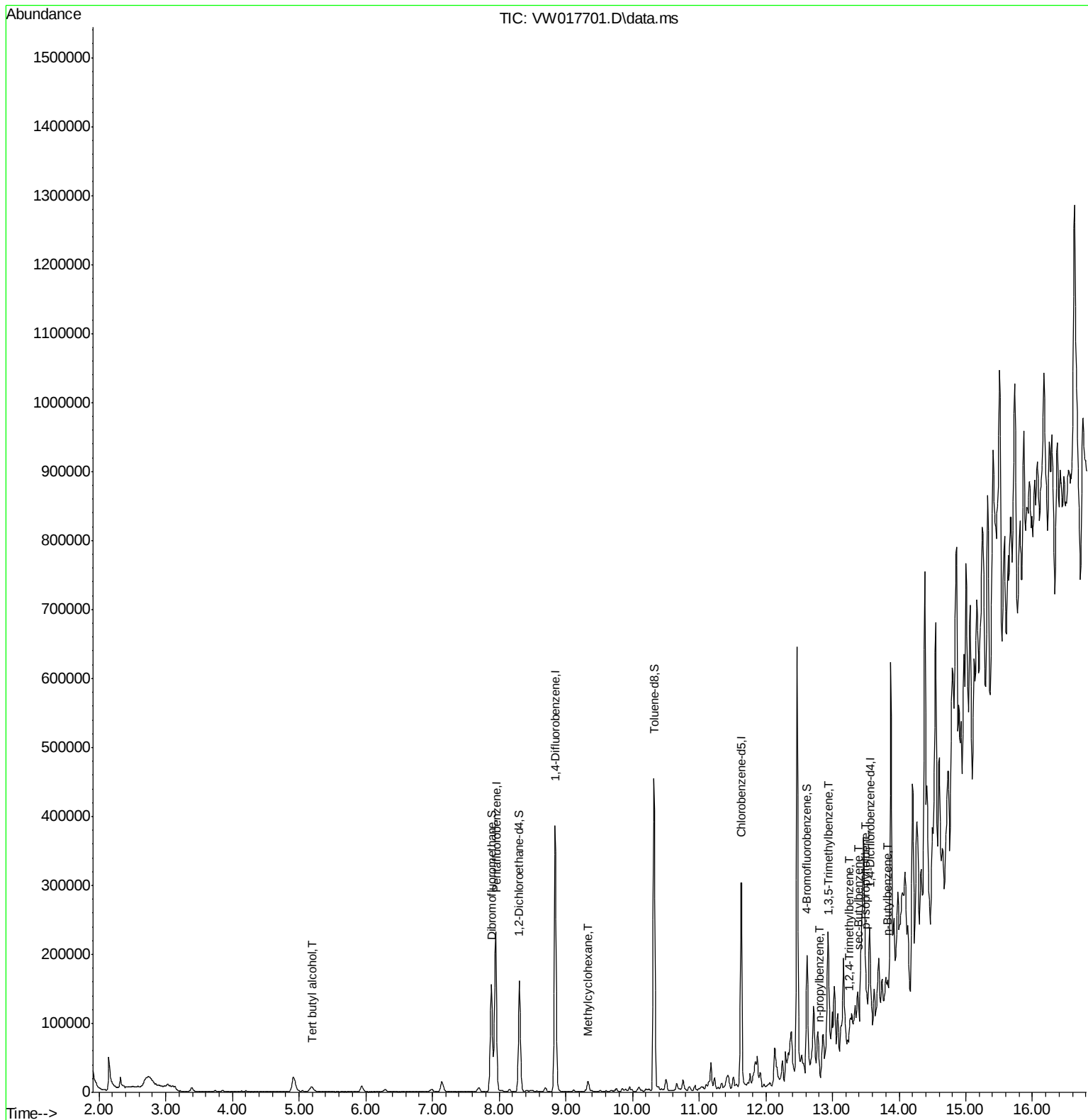
Internal Standards						
1) Pentafluorobenzene	7.952	168	166652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	317836	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	160359	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	29020	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	127428	62.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	125.54%	
35) Dibromofluoromethane	7.885	113	108813	51.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.46%	
50) Toluene-d8	10.323	98	285192	34.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	69.66%	
62) 4-Bromofluorobenzene	12.615	95	52557	17.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.96%	
Target Compounds						
11) Tert butyl alcohol	5.190	59	16108	83.63	ug/l	97
39) Methylcyclohexane	9.335	83	6530	1.55	ug/l	98
78) n-propylbenzene	12.804	91	2988	1.10	ug/l	100
80) 1,3,5-Trimethylbenzene	12.945	105	4182	2.15	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	6146	3.21	ug/l	85
85) sec-Butylbenzene	13.384	105	22946	9.84	ug/l	99
86) p-Isopropyltoluene	13.499	119	29214	13.87	ug/l #	78
89) n-Butylbenzene	13.823	91	6132	2.96	ug/l #	76

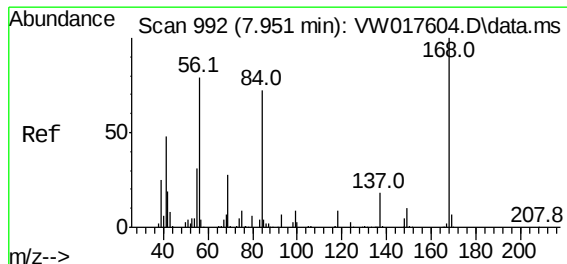
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Dec 23 02:08:46 2020
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Quant Title : SW846 8260
QLast Update : Mon Dec 14 12:39:23 2020
Response via : Initial Calibration

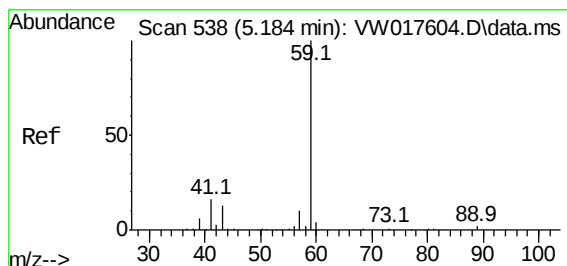
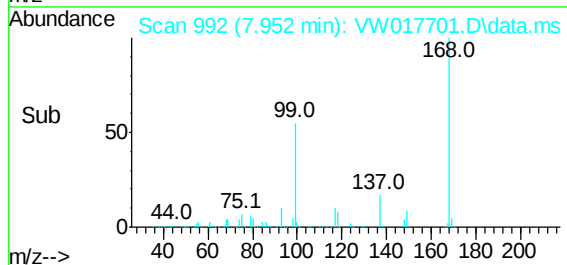
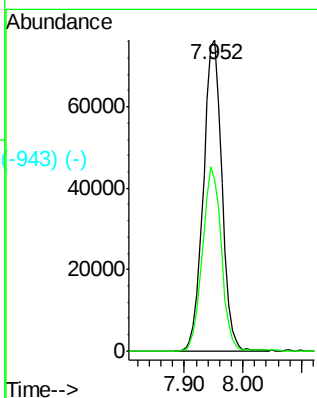
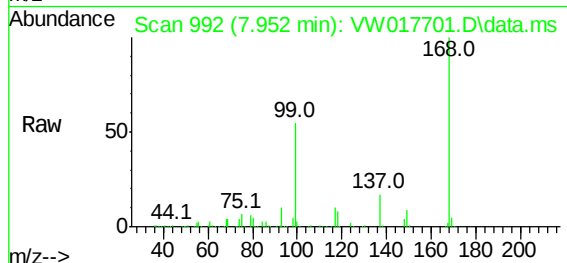




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. 0.001 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

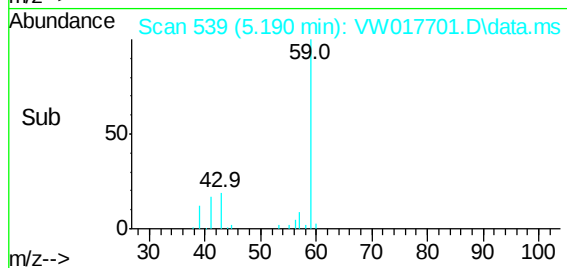
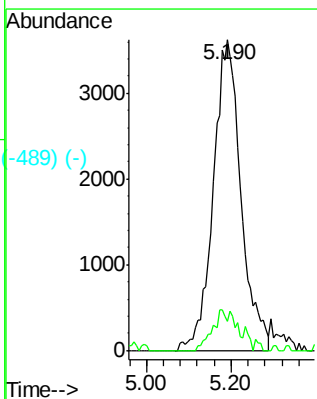
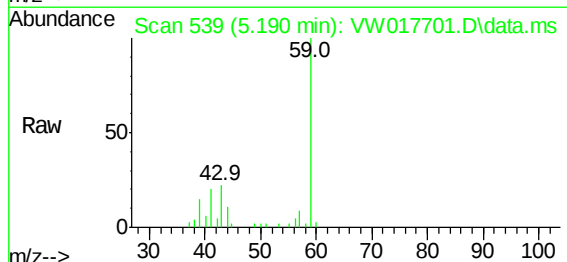
Instrument :
MSVOA_W
ClientSampleId :
CHRT-24743RE

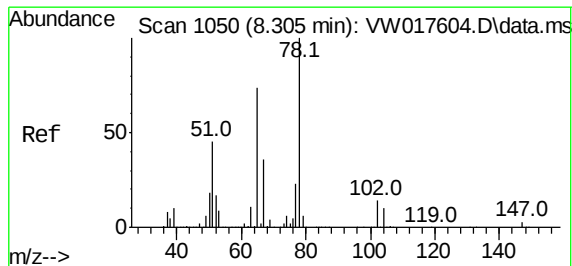
Tgt Ion:168 Resp: 166652
Ion Ratio Lower Upper
168 100
99 54.9 40.7 61.1



Tert butyl alcohol
Concen: 83.63 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.006 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion: 59 Resp: 16108
Ion Ratio Lower Upper
59 100
57 6.8 4.7 7.1

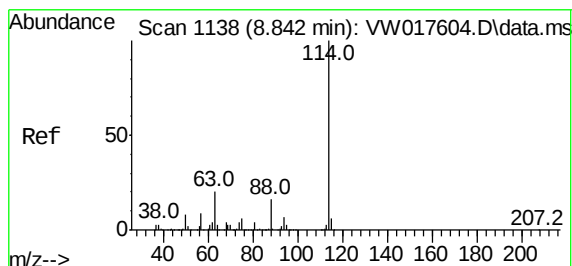
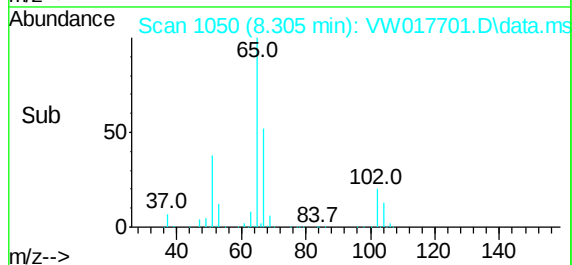
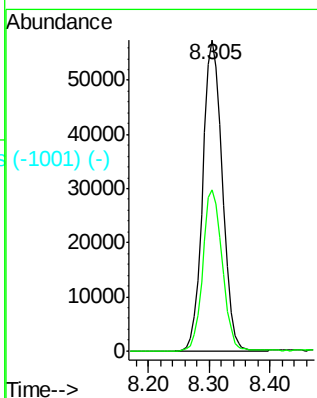
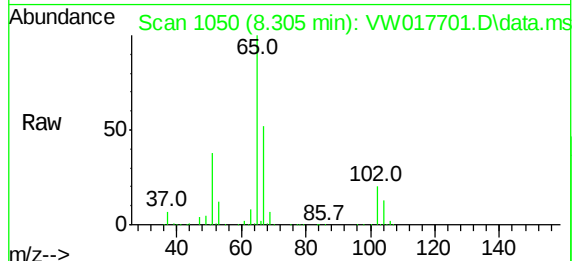




(#1050) (-)
1,2-Dichloroethane-d4
Concen: 62.77 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

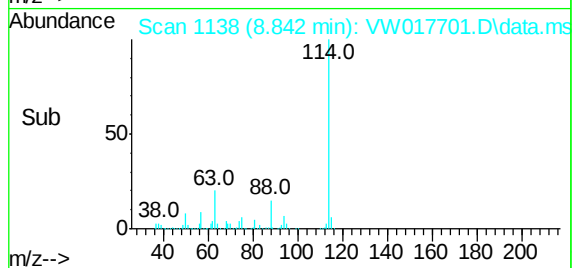
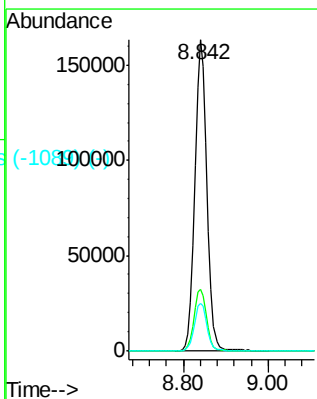
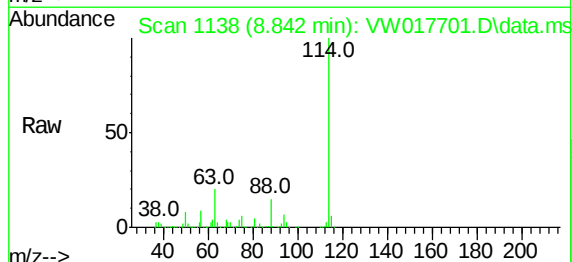
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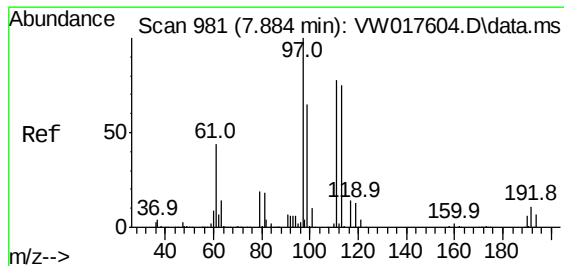
Tgt Ion: 65 Resp: 127428
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.8



(#1138) (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion:114 Resp: 317836
Ion Ratio Lower Upper
114 100
63 19.6 0.0 35.6
88 15.1 0.0 30.4

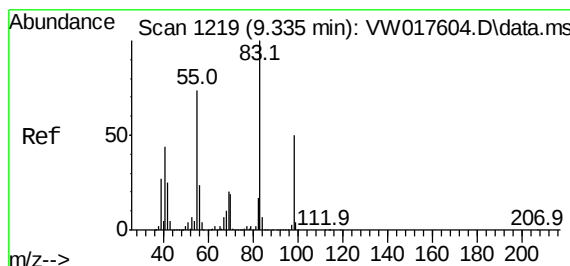
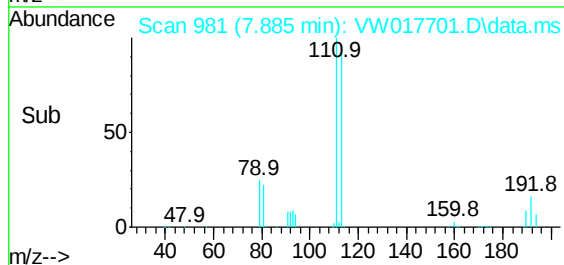
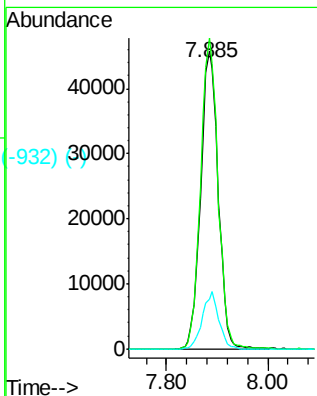
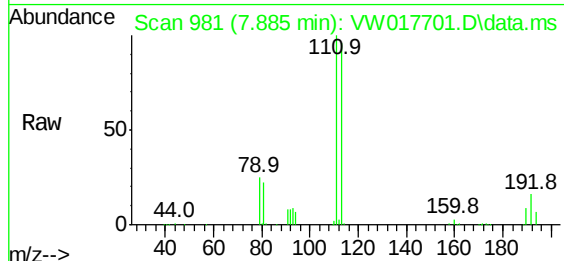




#935 (-)
Dibromofluoromethane
Concen: 51.73 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.001 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

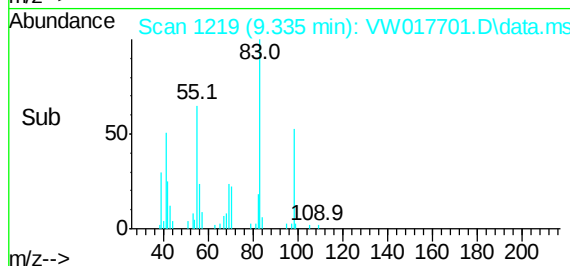
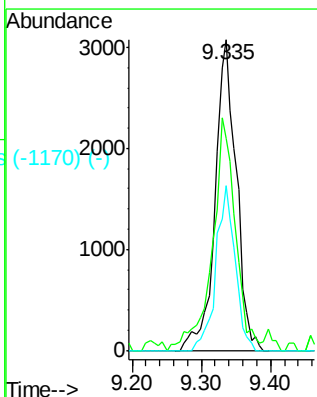
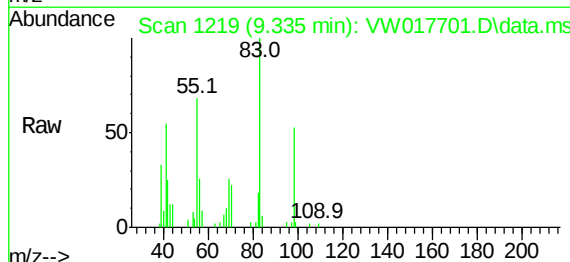
Instrument :
MSVOA_W
ClientSampleId :
CHRT-24743RE

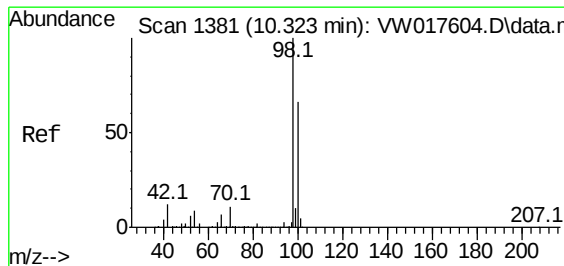
Tgt Ion:113 Resp: 108813
Ion Ratio Lower Upper
113 100
111 103.6 81.4 122.2
192 17.7 17.8 26.8#



#1306 (-)
Methylcyclohexane
Concen: 1.55 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion: 83 Resp: 6530
Ion Ratio Lower Upper
83 100
55 66.1 51.7 77.5
98 52.8 41.0 61.4

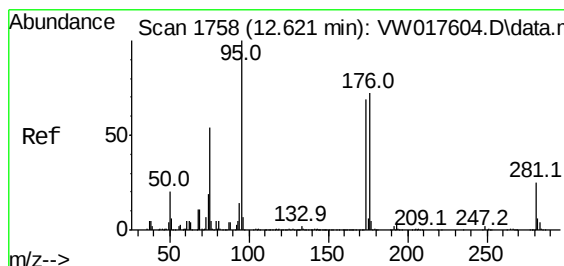
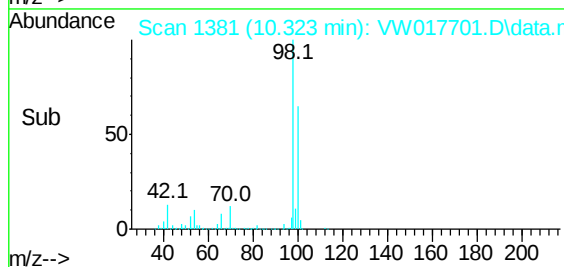
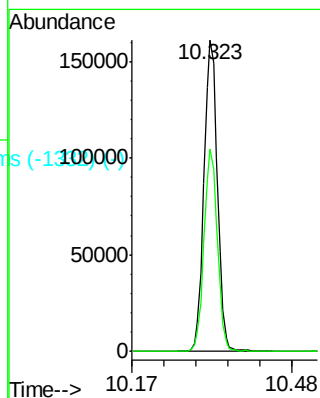
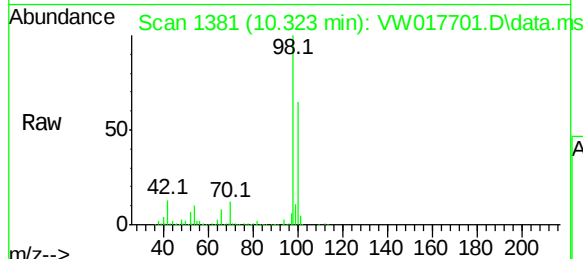




#58
Toluene-d8
Concen: 34.83 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

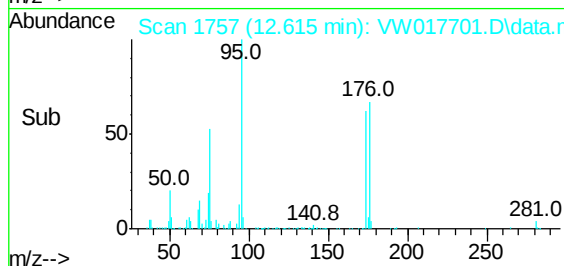
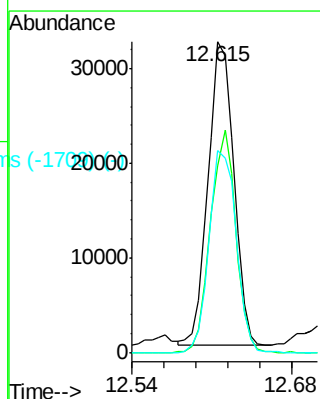
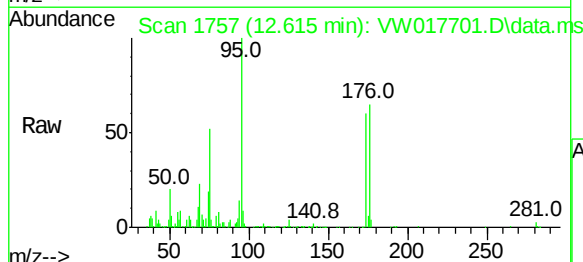
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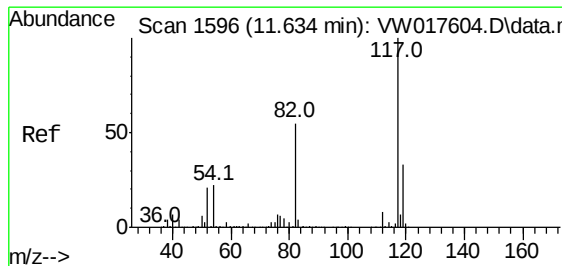
Tgt Ion: 98 Resp: 285192
Ion Ratio Lower Upper
98 100
100 64.7 53.3 79.9



#62
4-Bromofluorobenzene
Concen: 17.98 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion: 95 Resp: 52557
Ion Ratio Lower Upper
95 100
174 72.0 0.0 180.6
176 70.2 0.0 177.6

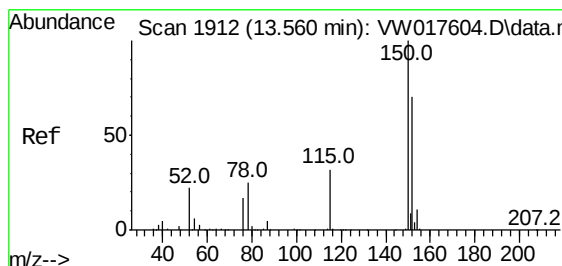
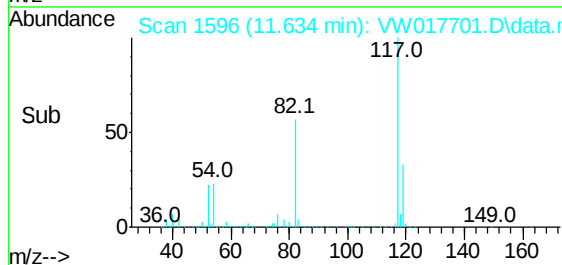
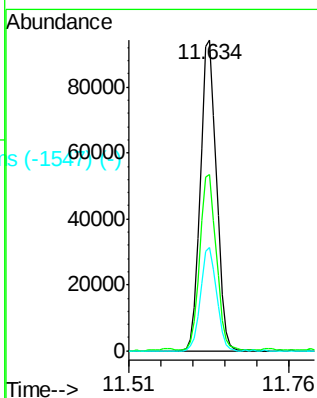
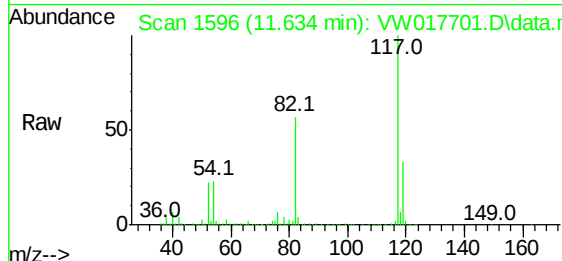




#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

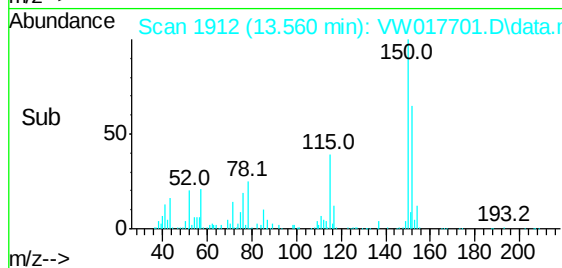
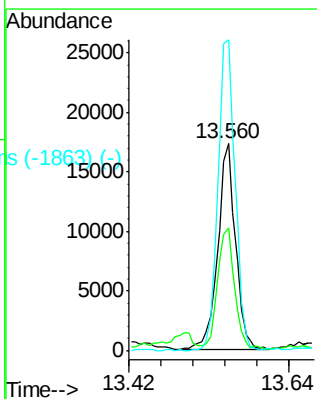
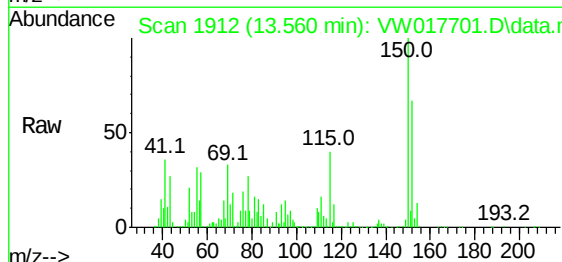
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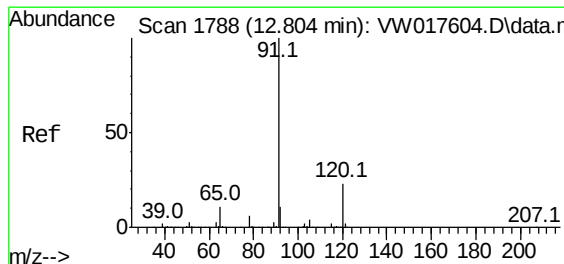
Tgt Ion:117 Resp: 160359
Ion Ratio Lower Upper
117 100
82 56.2 40.7 61.1
119 33.1 25.0 37.4



#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion:152 Resp: 29020
Ion Ratio Lower Upper
152 100
115 56.8 27.9 83.7
150 146.1 0.0 344.0

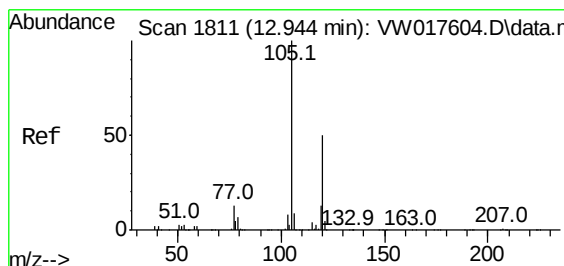
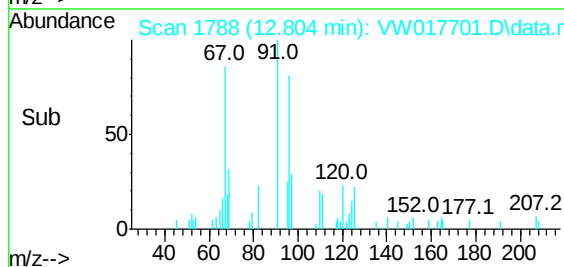
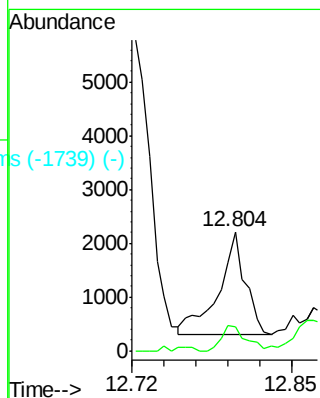
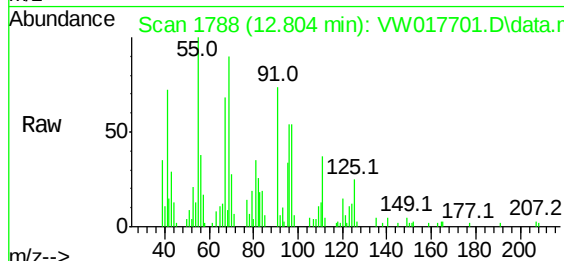




#1782 (-)
n-propylbenzene
Concen: 1.10 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: Vw017701.D
Acq: 22 Dec 2020 13:12

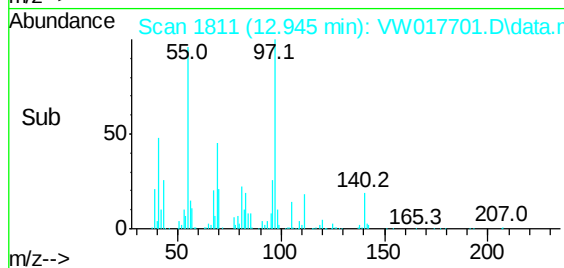
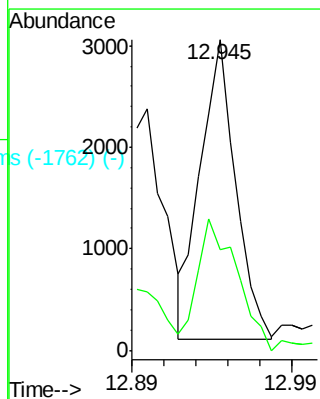
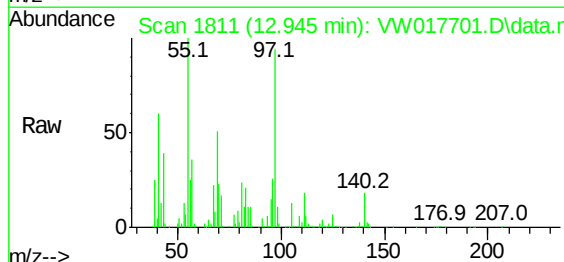
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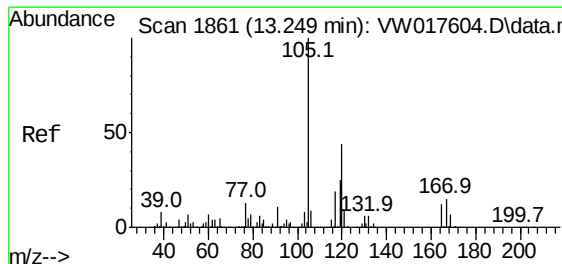
Tgt Ion: 91 Resp: 2988
Ion Ratio Lower Upper
91 100
120 24.3 12.0 36.1



#1802 (-)
1,3,5-Trimethylbenzene
Concen: 2.15 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.001 min
Lab File: Vw017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion:105 Resp: 4182
Ion Ratio Lower Upper
105 100
120 47.7 24.9 74.8

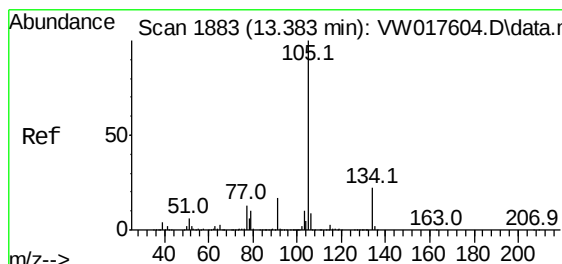
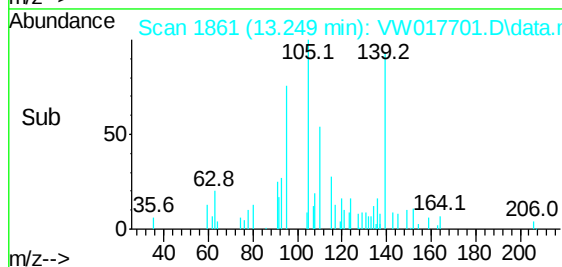
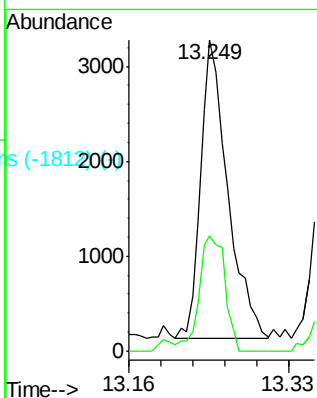
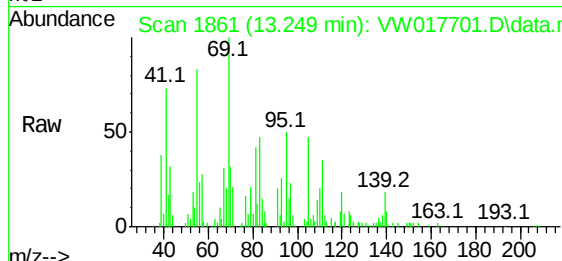




#848 (-)
1,2,4-Trimethylbenzene
Concen: 3.21 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

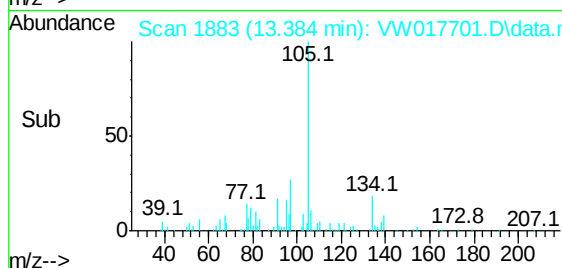
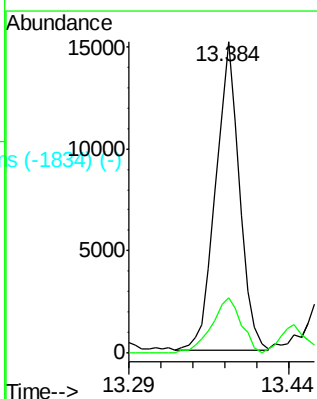
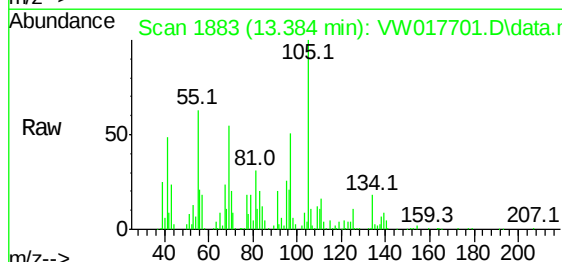
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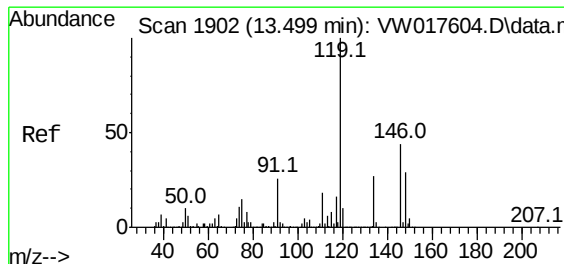
Tgt Ion:105 Resp: 6146
Ion Ratio Lower Upper
105 100
120 36.5 23.4 70.0



#85 (-)
sec-Butylbenzene
Concen: 9.84 ug/l
RT: 13.384 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion:105 Resp: 22946
Ion Ratio Lower Upper
105 100
134 21.9 10.6 31.8

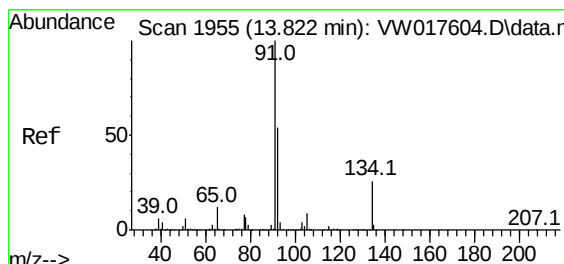
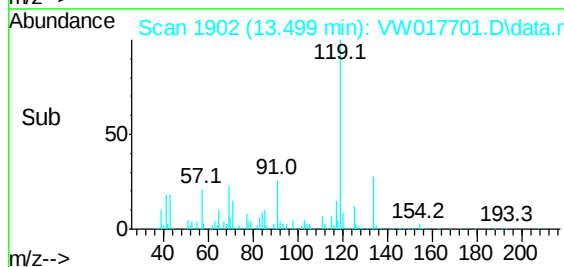
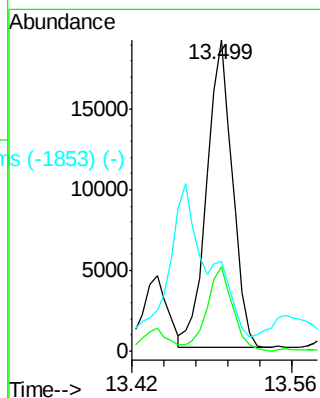
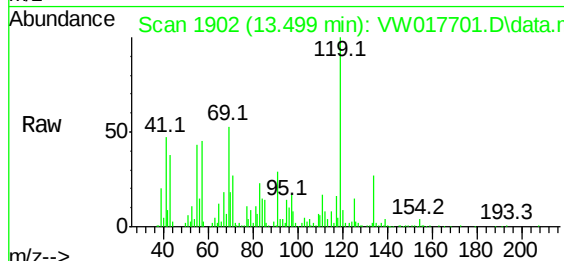




#86
p-Isopropyltoluene
Concen: 13.87 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Instrument :
MSVOA_W
ClientSampleId :
CHRT-24743RE

Tgt Ion:	119	Resp:	29214
Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.8	41.3
91	0.0	11.3	33.9#



#89
n-Butylbenzene
Concen: 2.96 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.001 min
Lab File: VW017701.D
Acq: 22 Dec 2020 13:12

Tgt Ion:	91	Resp:	6132
Ion	Ratio	Lower	Upper
91	100		
92	59.2	26.6	79.7
134	0.0	14.3	42.9#

