

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122120\
 Data File : Vw017690.D
 Acq On : 21 Dec 2020 16:52
 Operator : SY/VA
 Sample : L5176-05
 Misc : 2.47G/5ML/MSVOA_w/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 CHRT-26920

Quant Time: Dec 22 03:47:17 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)

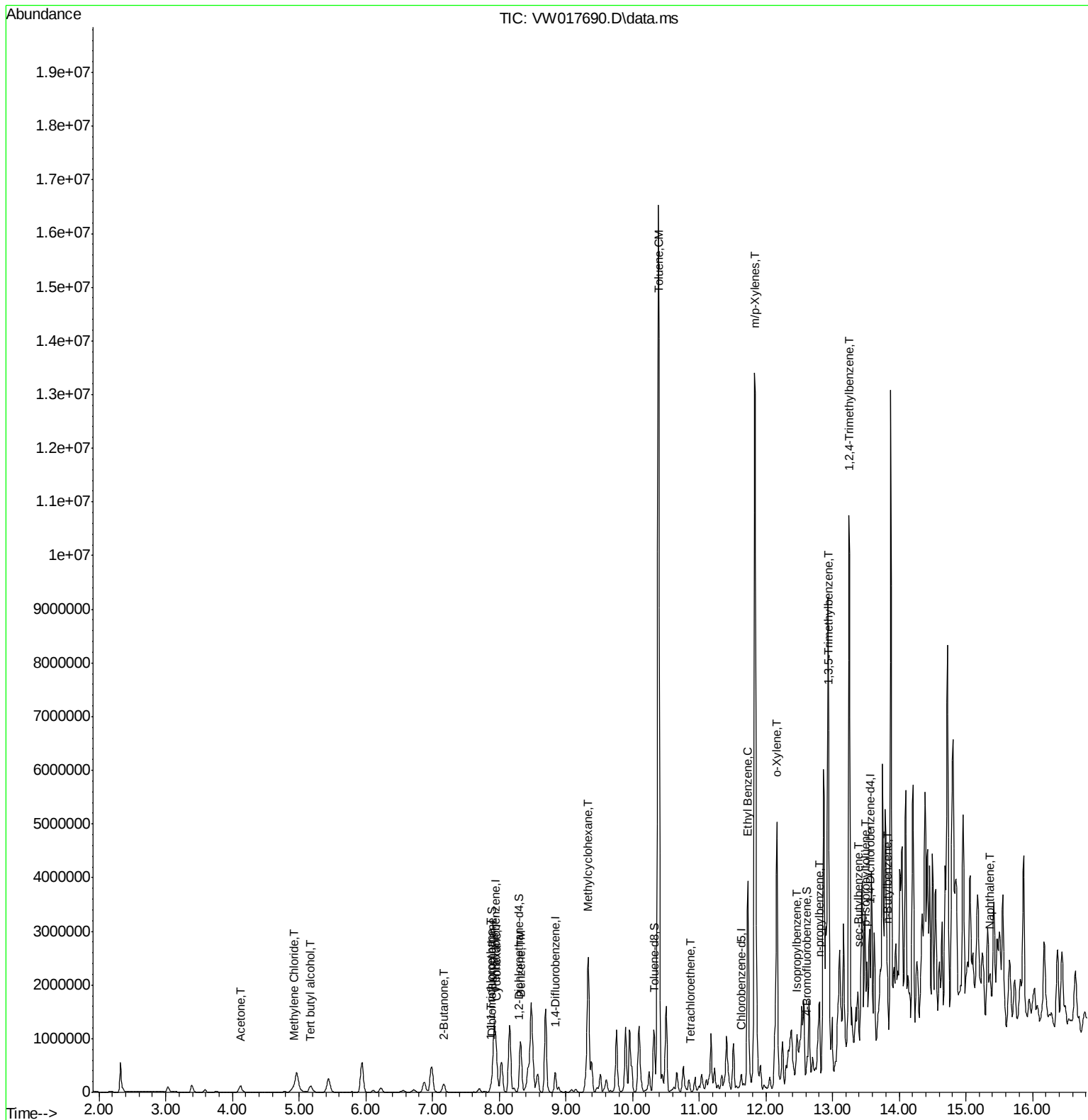
Internal Standards						
1) Pentafluorobenzene	7.945	168	149265	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.842	114	296986	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	124987	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	30218	50.00	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	120285	66.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	132.32%	
35) Dibromofluoromethane	7.884	113	104724	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	
50) Toluene-d8	10.329	98	273501	35.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	71.48%	
62) 4-Bromofluorobenzene	12.615	95	50618	18.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.06%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	5.171	59	243773	2364.62	ug/l	# 88
16) Acetone	4.123	43	165850	419.21	ug/l	91
20) Methylene Chloride	4.922	84	11083	1.05	ug/l	# 63
25) 2-Butanone	7.171	43	228281	433.34	ug/l	93
31) Cyclohexane	7.958	56	518119	165.00	ug/l	91
32) 1,1,1-Trichloroethane	7.872	97	20141	7.21	ug/l	93
39) Methylcyclohexane	9.335	83	951223	241.51	ug/l	# 90
40) Benzene	8.323	78	861935	104.66	ug/l	98
52) Toluene	10.390	92	7123295	1322.38	ug/l	95
64) Tetrachloroethene	10.866	164	2794	3.28	ug/l	87
67) Ethyl Benzene	11.731	91	2637070	528.20	ug/l	100
68) m/p-Xylenes	11.835	106	3851299	2022.87	ug/l	98
69) o-Xylene	12.164	106	1298794	723.31	ug/l	100
73) Isopropylbenzene	12.463	105	286265	119.81	ug/l	99
78) n-propylbenzene	12.804	91	1040276	366.66	ug/l	100
80) 1,3,5-Trimethylbenzene	12.944	105	1536656	759.86	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	5439621	2731.07	ug/l	100
85) sec-Butylbenzene	13.383	105	566591	233.26	ug/l	84
86) p-Isopropyltoluene	13.499	119	296040	135.01	ug/l	98
89) n-Butylbenzene	13.822	91	588343	273.05	ug/l	# 72
95) Naphthalene	15.365	128	598108	504.17	ug/l	# 94

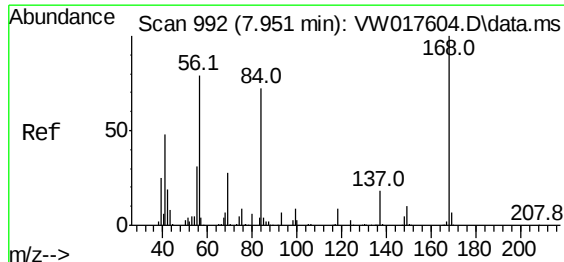
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_w\Data\Vw122120\
Data File : VW017690.D
Acq On : 21 Dec 2020 16:52
Operator : SY/VA
Sample : L5176-05
Misc : 2.47G/5ML/MSVOA_w/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

Quant Time: Dec 22 03:47:17 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

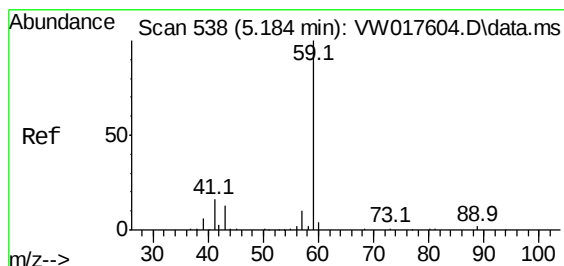
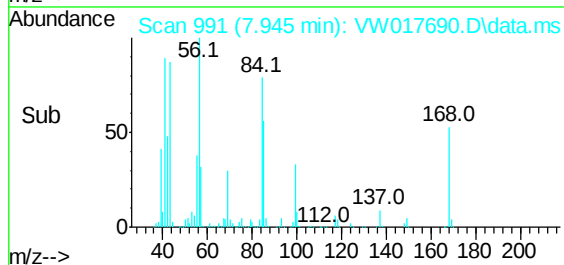
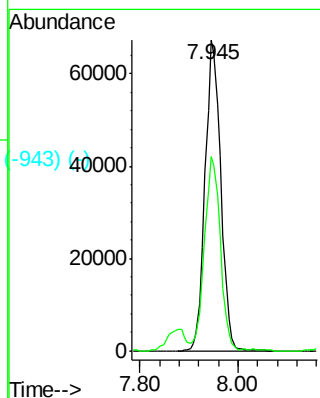
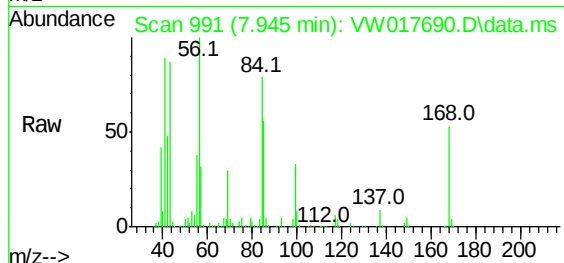




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

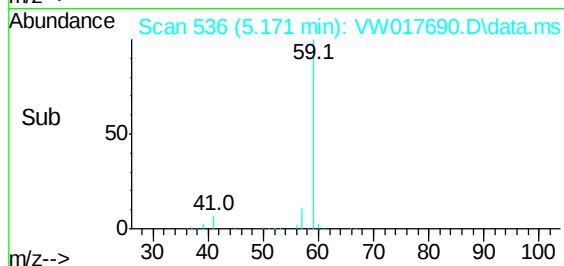
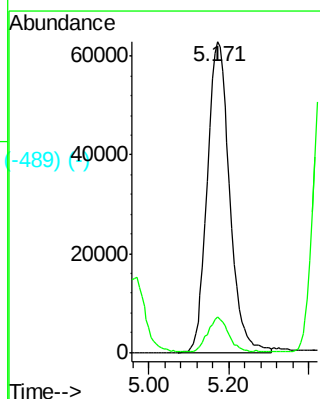
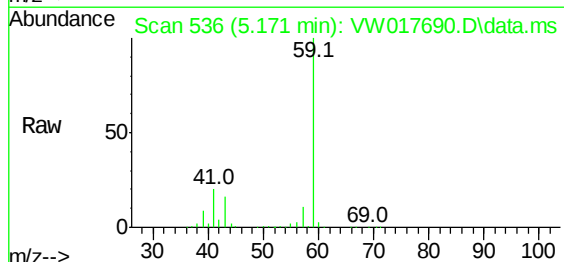
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

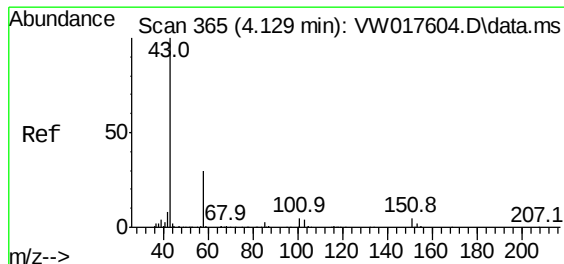
Tgt Ion:168 Resp: 149265
Ion Ratio Lower Upper
168 100
99 62.2 40.7 61.1#



Tert butyl alcohol
Concen: 2364.62 ug/l
RT: 5.171 min Scan# 536
Delta R.T. -0.013 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 59 Resp: 243773
Ion Ratio Lower Upper
59 100
57 10.1 4.7 7.1#

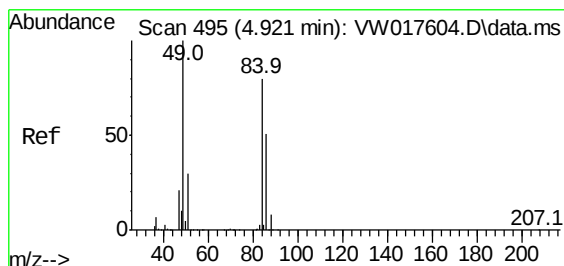
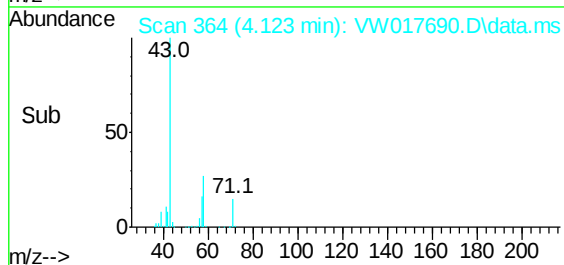
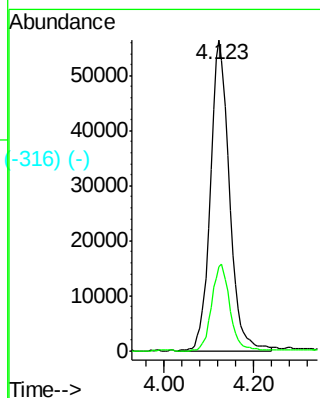
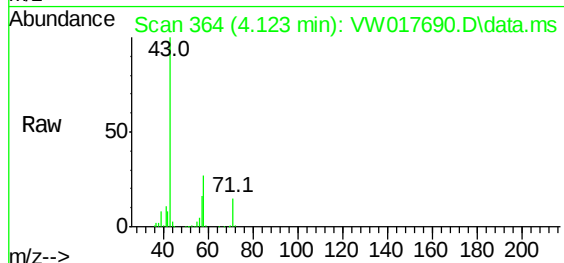




#16 (-)
Acetone
Concen: 419.21 ug/l
RT: 4.123 min Scan# 364
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

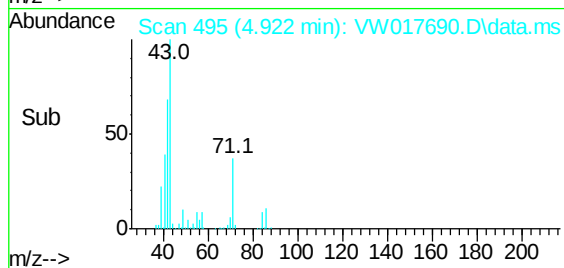
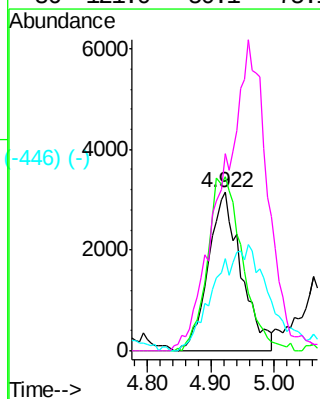
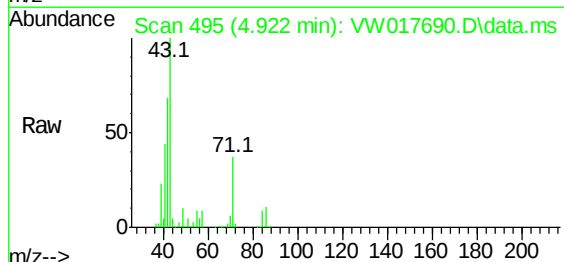
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

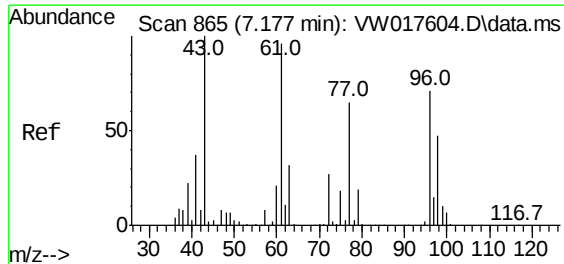
Tgt Ion: 43 Resp: 165850
Ion Ratio Lower Upper
43 100
58 27.0 25.7 38.5



#20 (-)
Methylene Chloride
Concen: 1.05 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.001 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 84 Resp: 11083
Ion Ratio Lower Upper
84 100
49 107.9 79.0 118.6
51 57.8 26.1 39.1#
86 121.0 50.1 75.1#

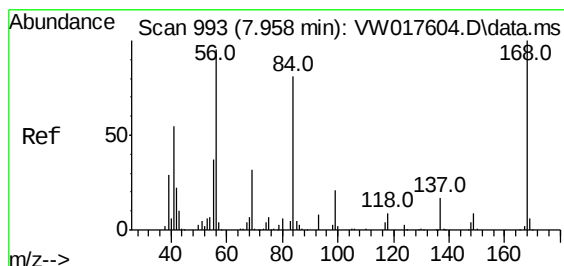
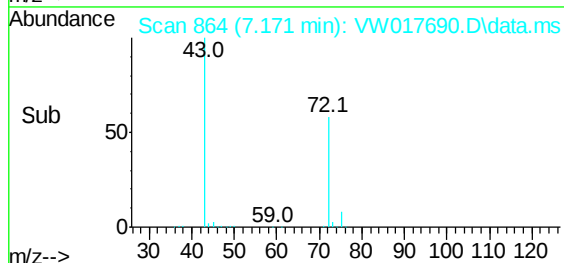
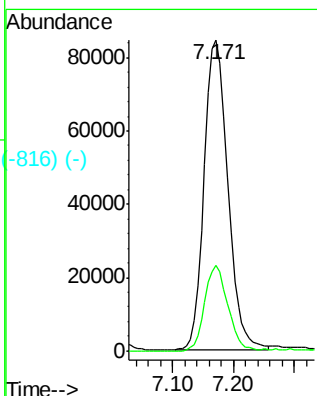
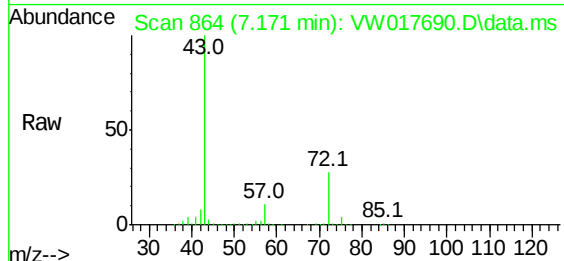




2-Butanone
Concen: 433.34 ug/l
RT: 7.171 min Scan# 864
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

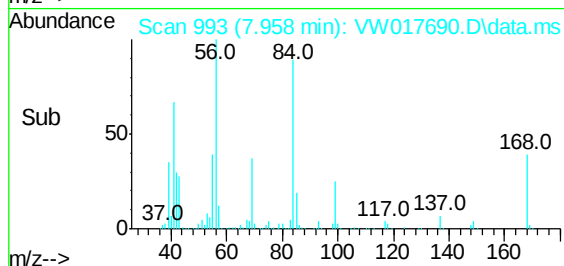
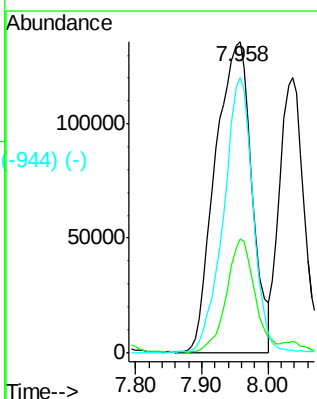
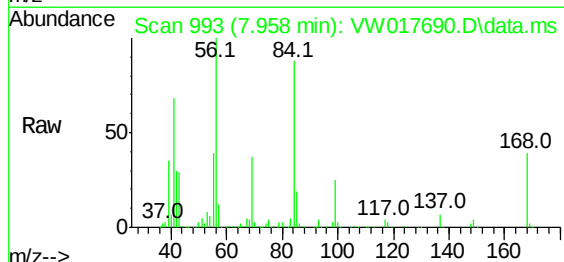
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

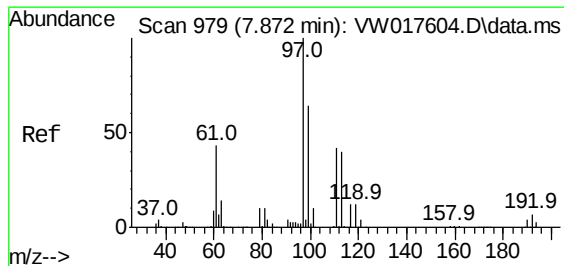
Tgt Ion: 43 Resp: 228281
Ion Ratio Lower Upper
43 100
72 27.7 25.4 38.2



Cyclohexane
Concen: 165.00 ug/l
RT: 7.958 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 56 Resp: 518119
Ion Ratio Lower Upper
56 100
69 36.7 29.3 43.9
84 88.5 80.5 120.7

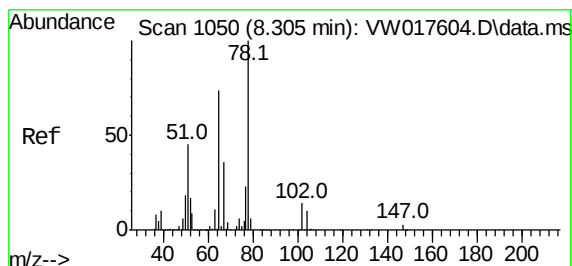
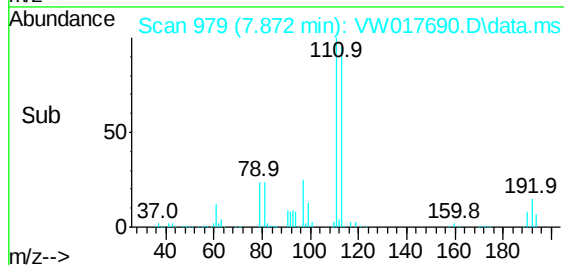
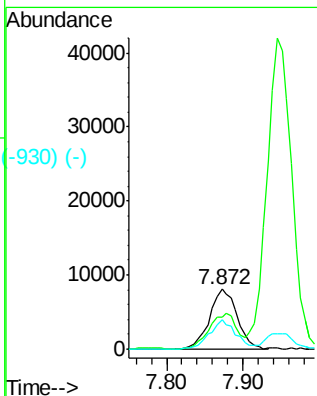
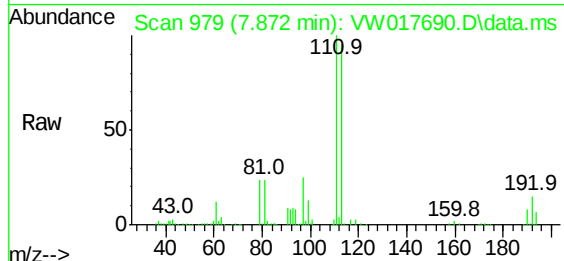




#33 (-)
1,1,1-Trichloroethane
Concen: 7.21 ug/l
RT: 7.872 min Scan# 979
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

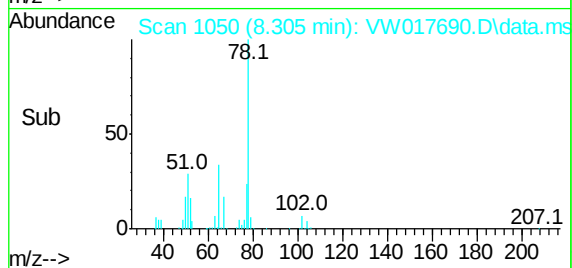
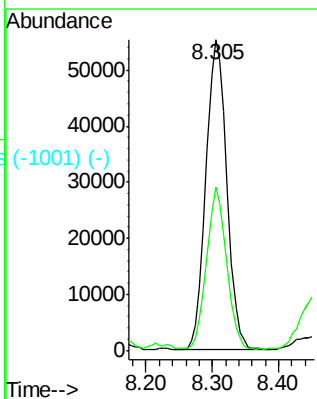
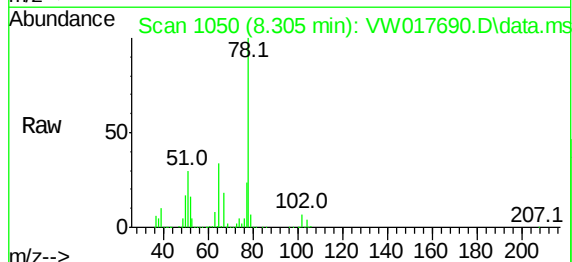
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

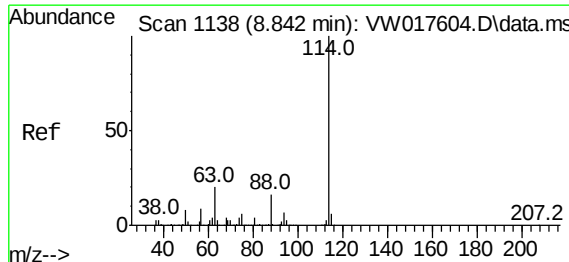
Tgt Ion: 97 Resp: 20141
Ion Ratio Lower Upper
97 100
99 60.3 52.4 78.6
61 44.9 31.9 47.9



#34 (-)
1,2-Dichloroethane-d4
Concen: 66.16 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 65 Resp: 120285
Ion Ratio Lower Upper
65 100
67 49.8 0.0 103.8

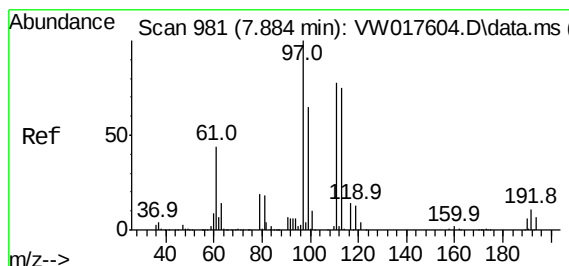
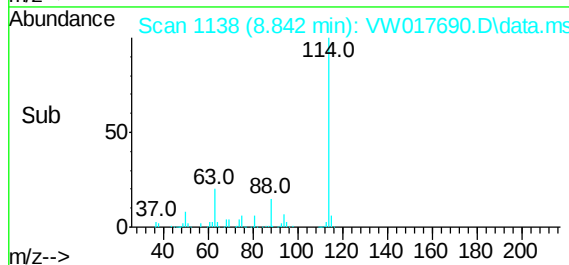
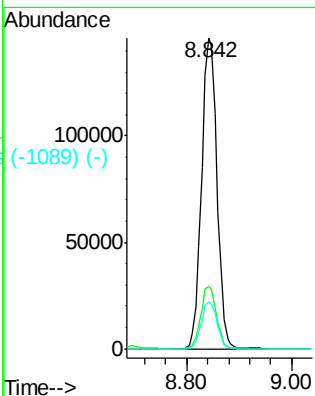
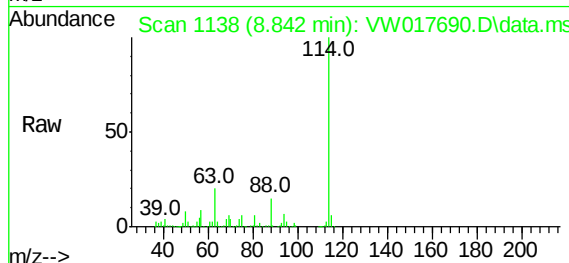




#118 (-)
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

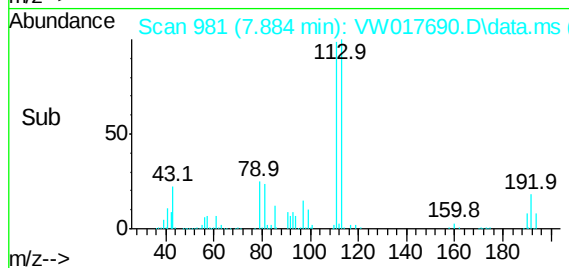
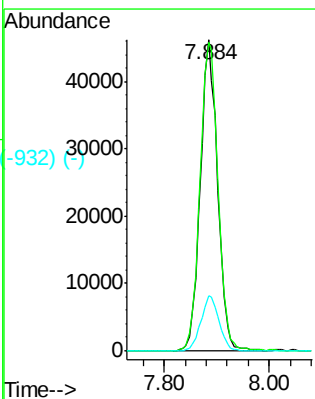
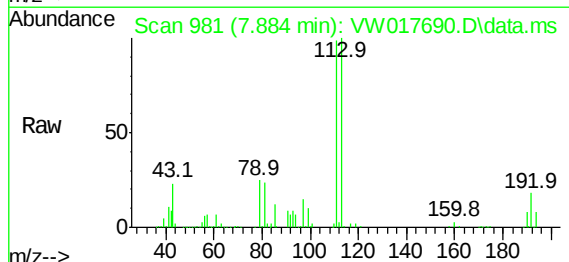
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

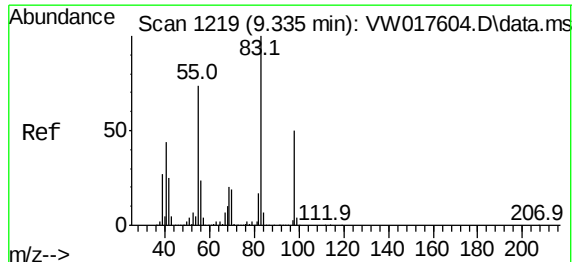
Tgt Ion:	114	Resp:	296986
Ion Ratio	Lower	Upper	
114	100		
63	20.0	0.0	35.6
88	15.1	0.0	30.4



#925 (-)
Dibromofluoromethane
Concen: 53.29 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:	113	Resp:	104724
Ion Ratio	Lower	Upper	
113	100		
111	103.6	81.4	122.2
192	18.2	17.8	26.8

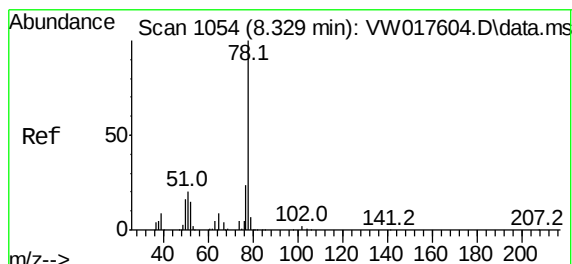
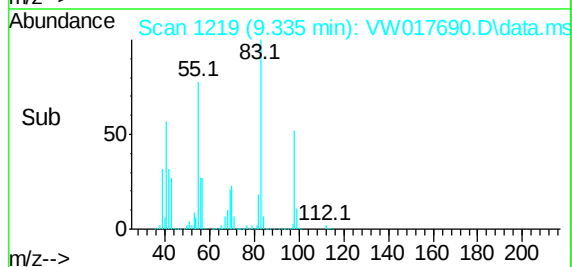
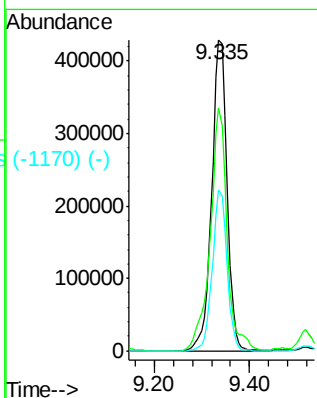
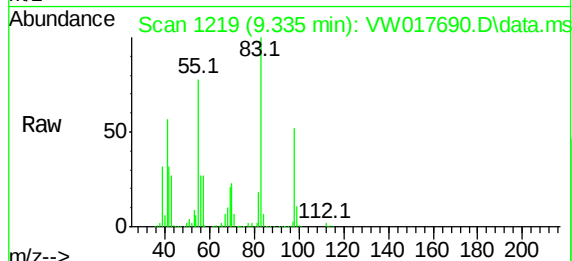




(#1206) (-)
Methylcyclohexane
Concen: 241.51 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

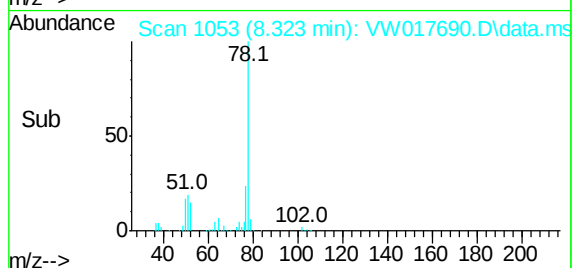
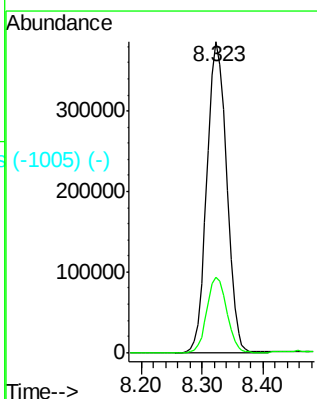
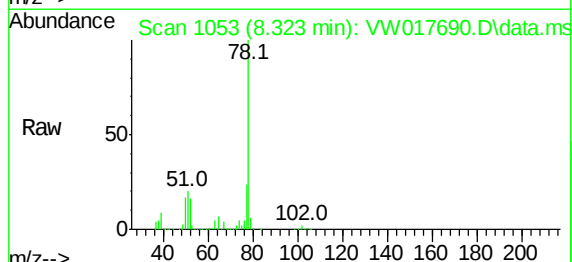
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

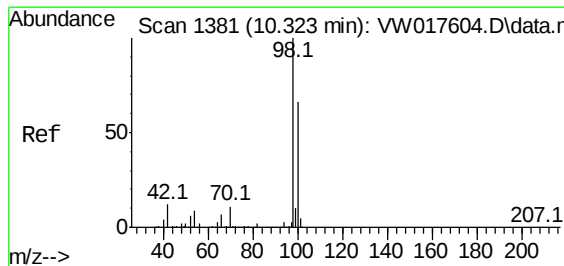
Tgt Ion: 83 Resp: 951223
Ion Ratio Lower Upper
83 100
55 78.0 51.7 77.5#
98 51.9 41.0 61.4



(#1089) (-)
Benzene
Concen: 104.66 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 78 Resp: 861935
Ion Ratio Lower Upper
78 100
77 24.3 18.5 27.7

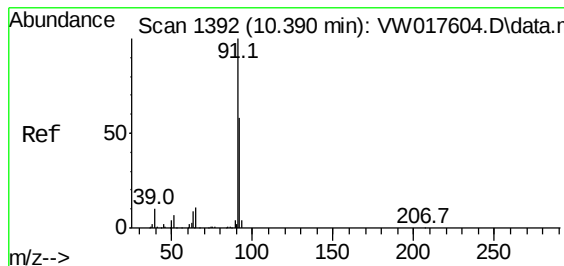
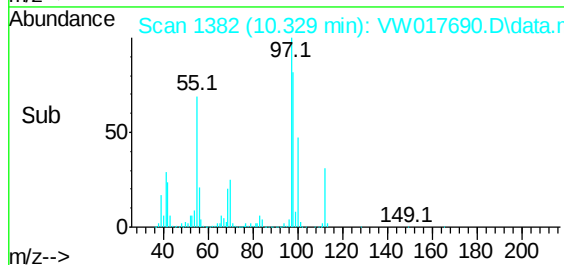
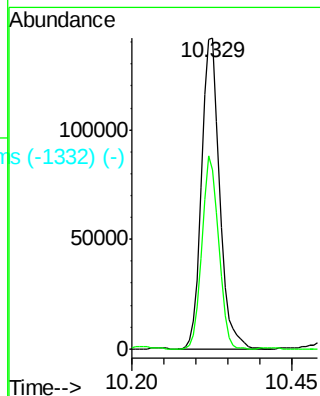
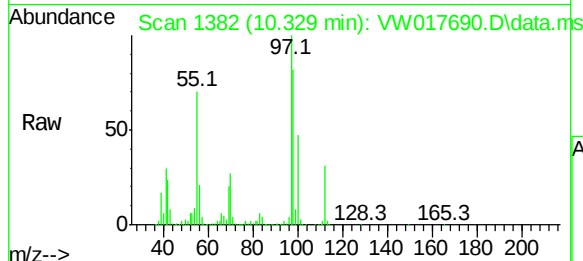




#50
Toluene-d8
Concen: 35.74 ug/l
RT: 10.329 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

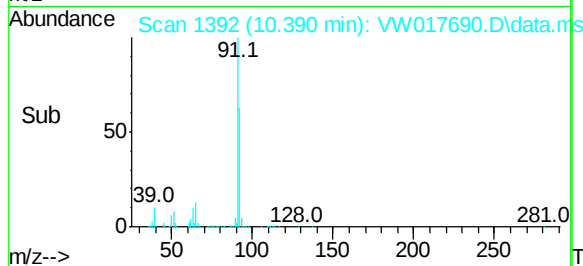
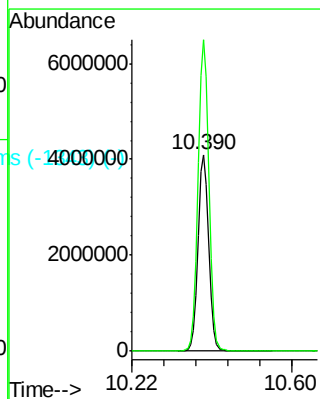
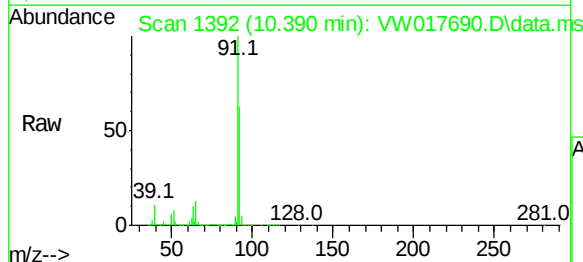
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

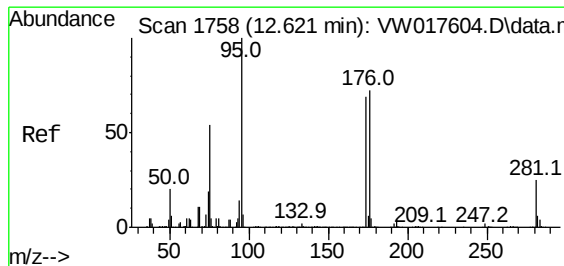
Tgt Ion: 98 Resp: 273501
Ion Ratio Lower Upper
98 100
100 56.8 53.3 79.9



#52
Toluene
Concen: 1322.38 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 92 Resp: 7123295
Ion Ratio Lower Upper
92 100
91 161.9 134.7 202.1

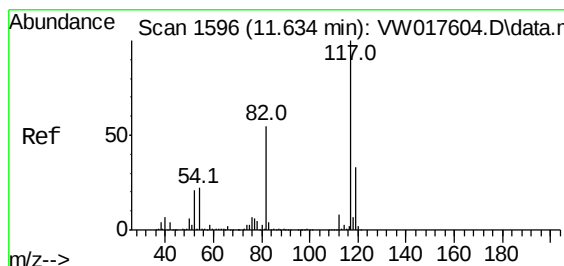
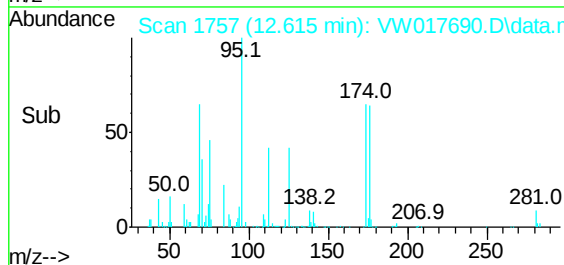
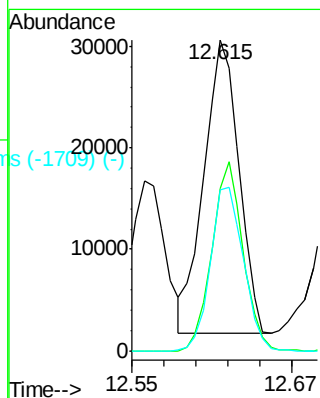
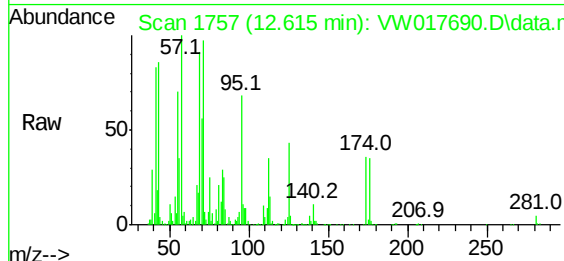




#6249 (-)
4-Bromofluorobenzene
Concen: 18.53 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

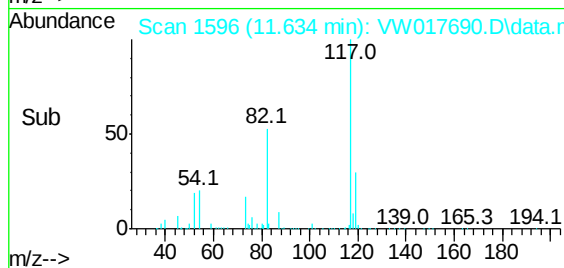
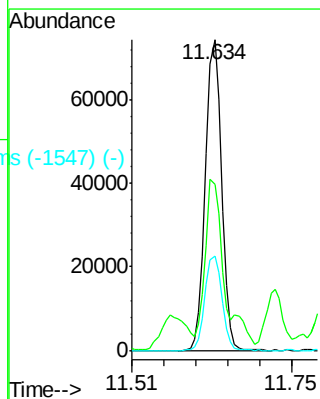
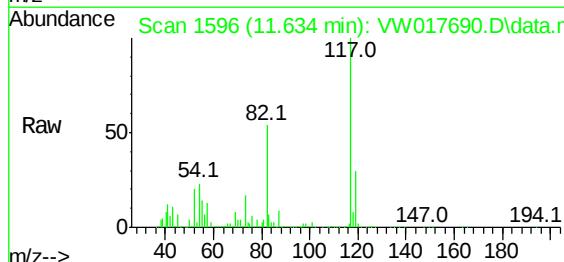
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

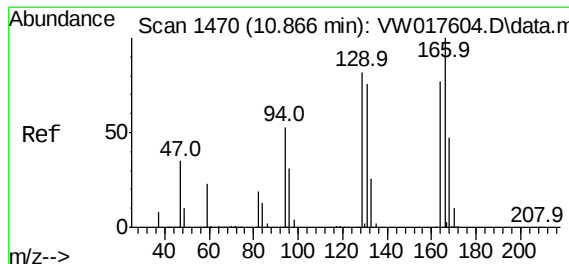
Tgt Ion: 95 Resp: 50618
Ion Ratio Lower Upper
95 100
174 57.5 0.0 180.6
176 53.0 0.0 177.6



#6386 (-)
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 117 Resp: 124987
Ion Ratio Lower Upper
117 100
82 43.5 40.7 61.1
119 30.4 25.0 37.4

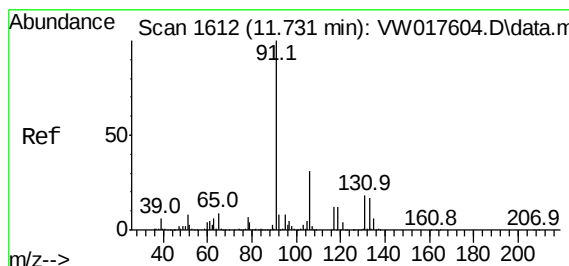
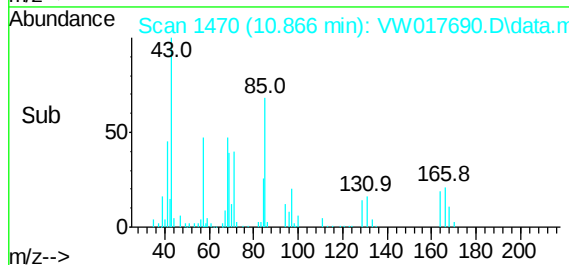
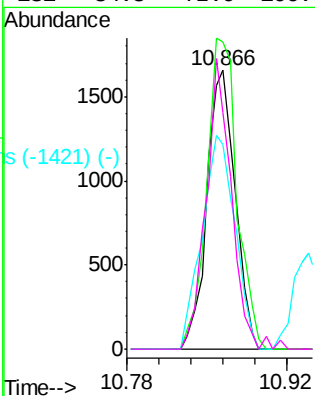
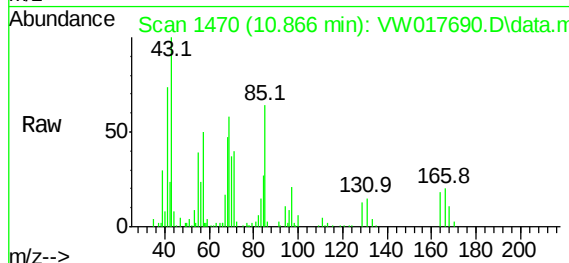




Tetrachloroethene
Concen: 3.28 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

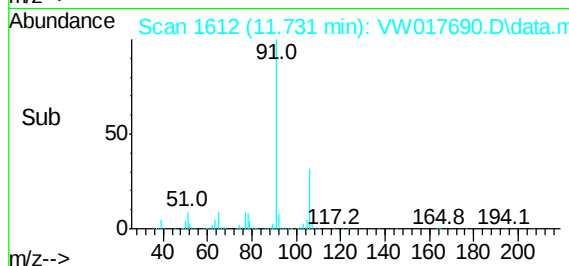
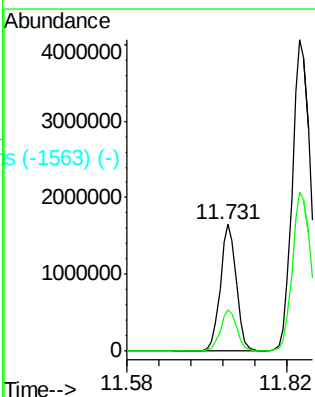
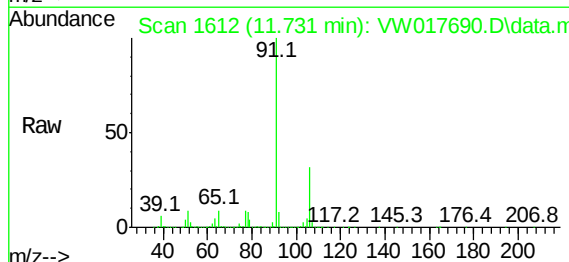
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

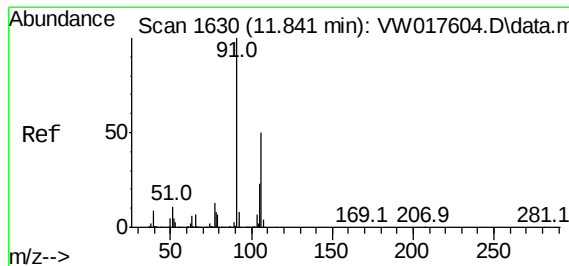
Tgt Ion:	164	Resp:	2794
Ion	Ratio	Lower	Upper
164	100		
166	110.1	105.3	157.9
129	73.5	68.8	103.2
131	84.8	71.0	106.6



Ethyl Benzene
Concen: 528.20 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:	91	Resp:	2637070
Ion	Ratio	Lower	Upper
91	100		
106	32.4	25.9	38.9

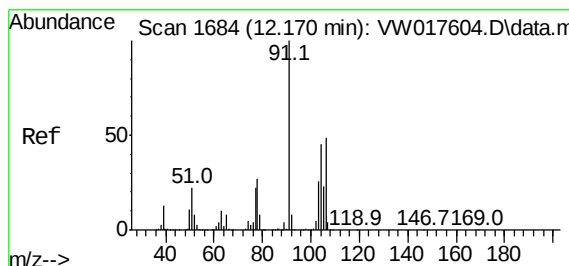
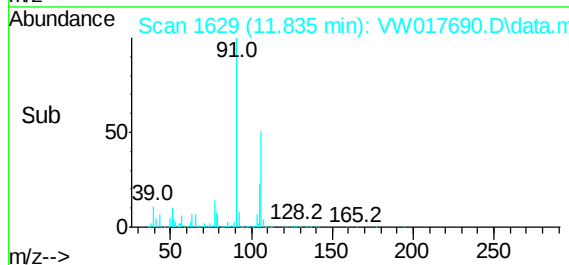
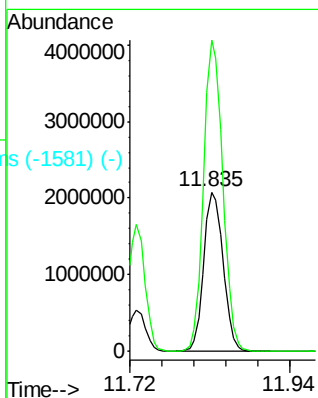
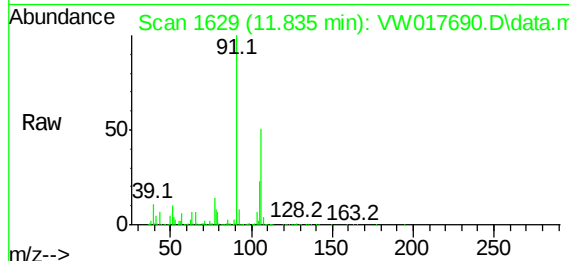




#68
m/p-Xylenes
Concen: 2022.87 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

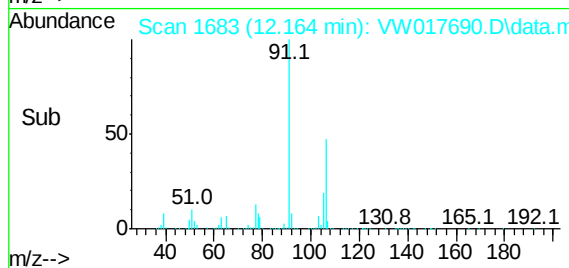
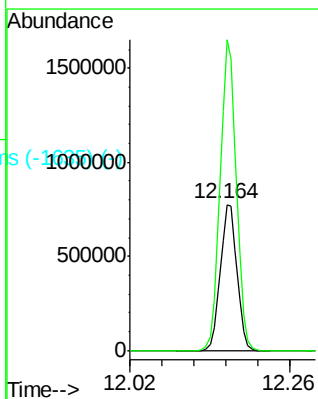
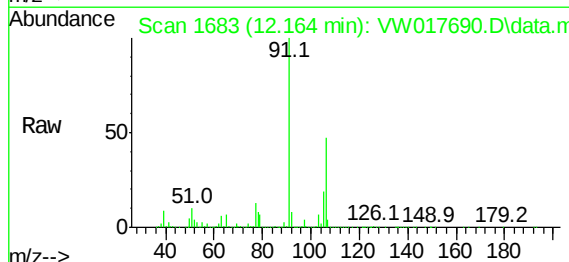
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

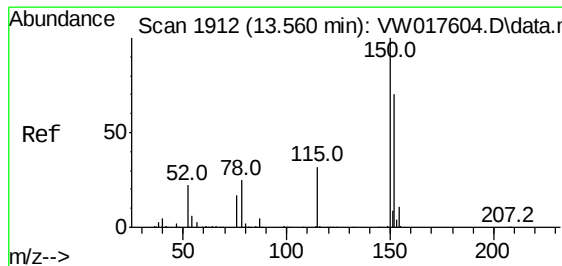
Tgt Ion:106 Resp: 3851299
Ion Ratio Lower Upper
106 100
91 193.6 157.4 236.0



#69
o-Xylene
Concen: 723.31 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.006 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:106 Resp: 1298794
Ion Ratio Lower Upper
106 100
91 207.3 103.6 310.9

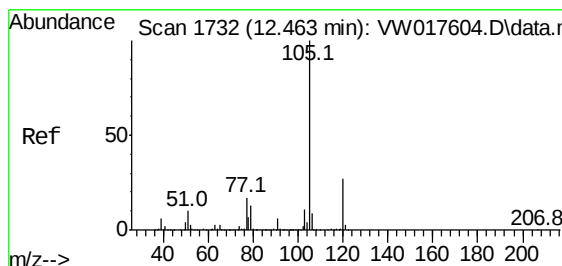
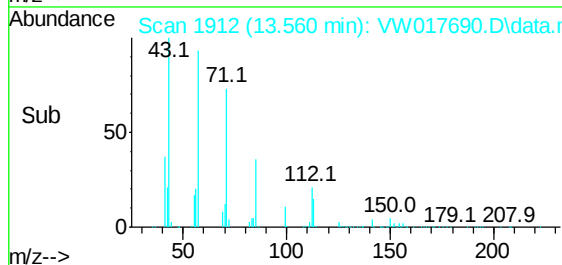
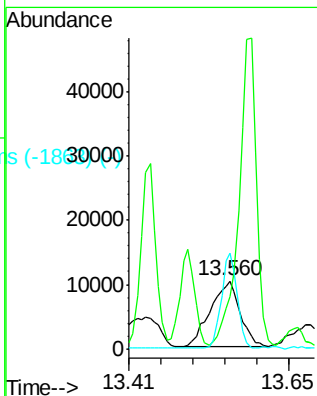
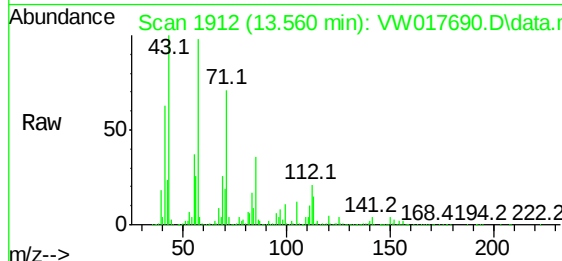




#7204 (-)
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

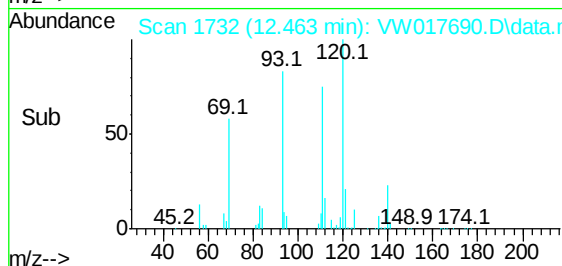
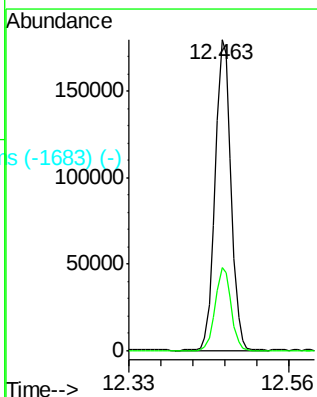
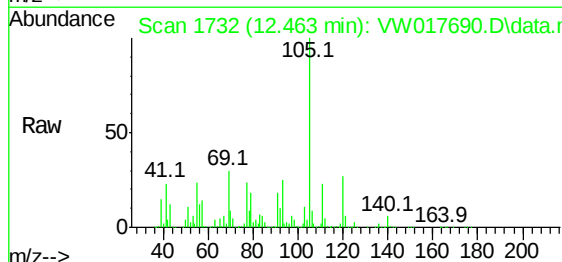
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

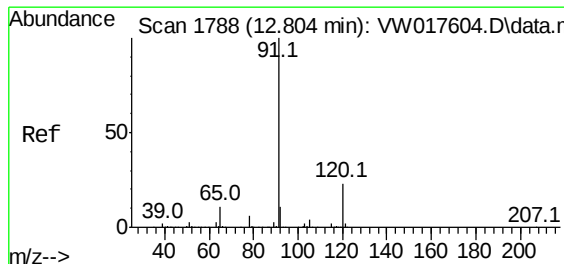
Tgt Ion:152 Resp: 30218
Ion Ratio Lower Upper
152 100
115 0.0 27.9 83.7#
150 76.7 0.0 344.0



#7124 (-)
Isopropylbenzene
Concen: 119.81 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:105 Resp: 286265
Ion Ratio Lower Upper
105 100
120 26.5 13.6 40.7

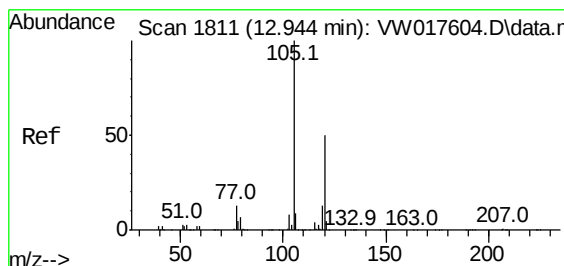
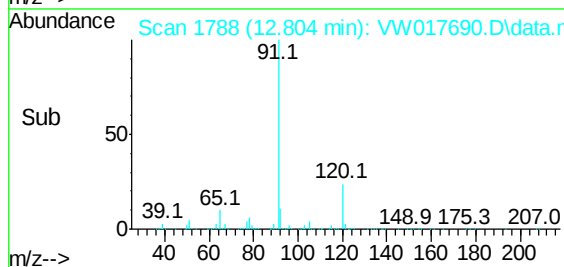
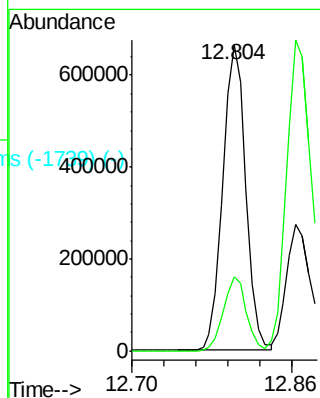
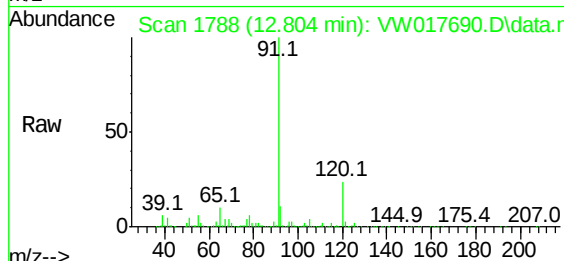




#782 (-)
n-propylbenzene
Concen: 366.66 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

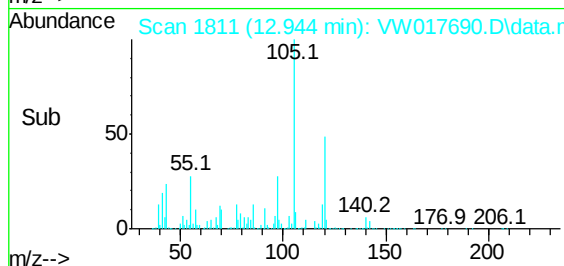
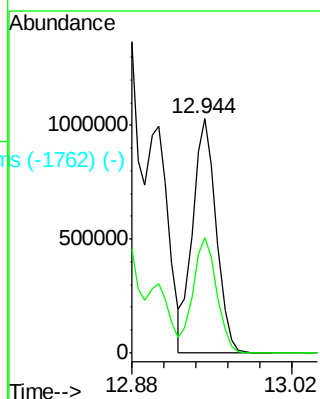
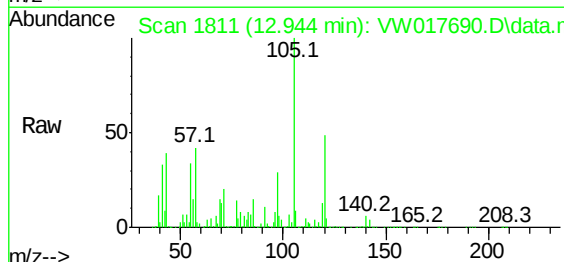
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

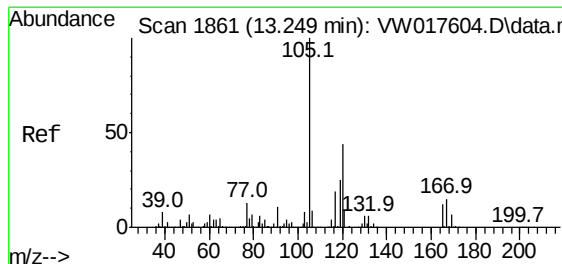
Tgt Ion: 91 Resp: 1040276
Ion Ratio Lower Upper
91 100
120 24.2 12.0 36.1



#802 (-)
1,3,5-Trimethylbenzene
Concen: 759.86 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion: 105 Resp: 1536656
Ion Ratio Lower Upper
105 100
120 49.5 24.9 74.8

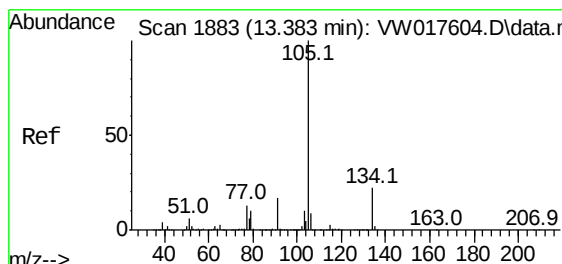
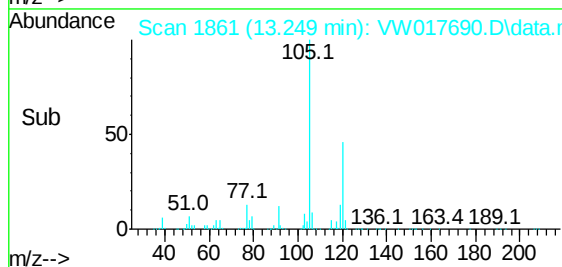
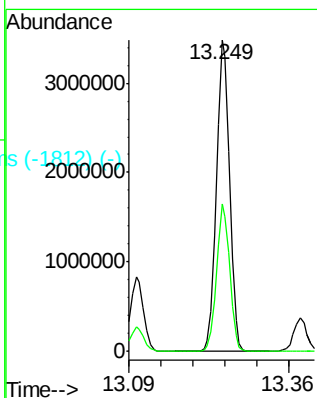
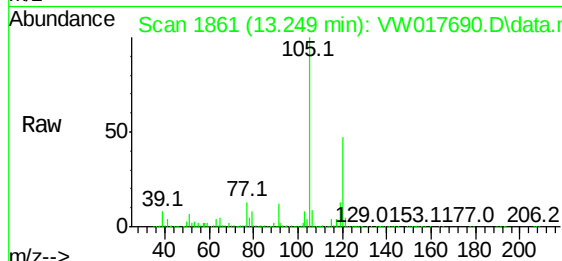




#848 (-)
1,2,4-Trimethylbenzene
Concen: 2731.07 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

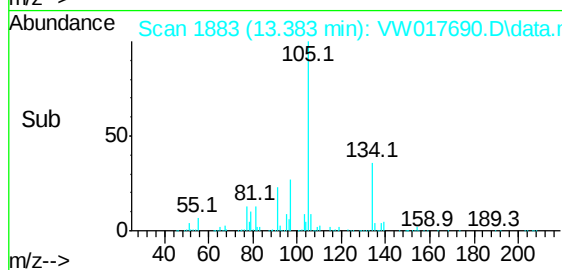
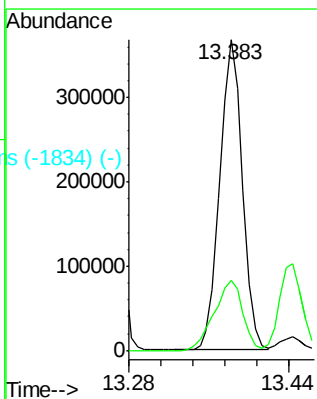
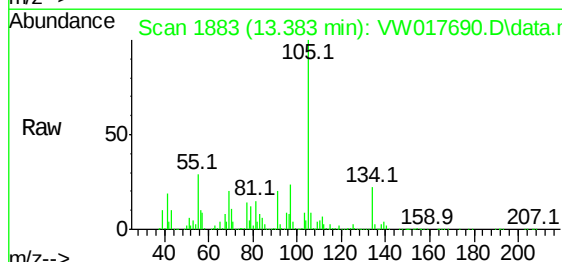
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

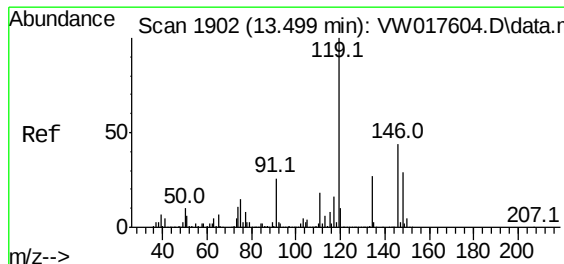
Tgt Ion:105 Resp: 5439621
Ion Ratio Lower Upper
105 100
120 47.0 23.4 70.0



#848 (-)
sec-Butylbenzene
Concen: 233.26 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Tgt Ion:105 Resp: 566591
Ion Ratio Lower Upper
105 100
134 28.6 10.6 31.8

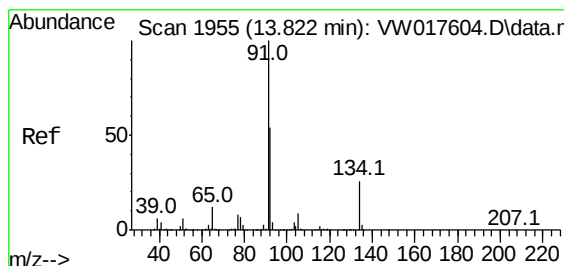
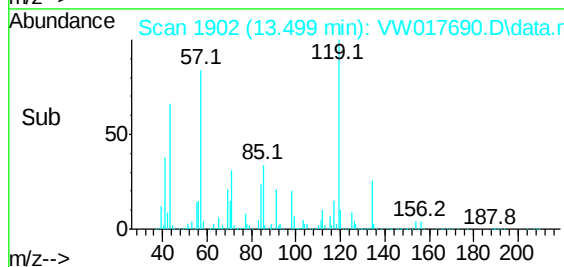
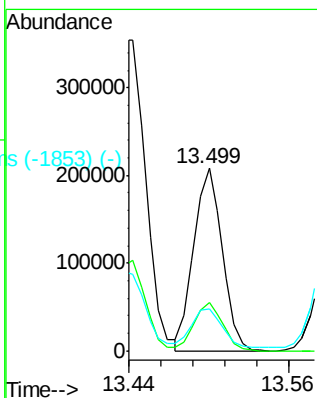
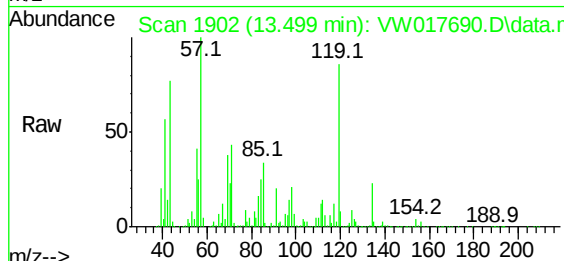




#86
p-Isopropyltoluene
Concen: 135.01 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

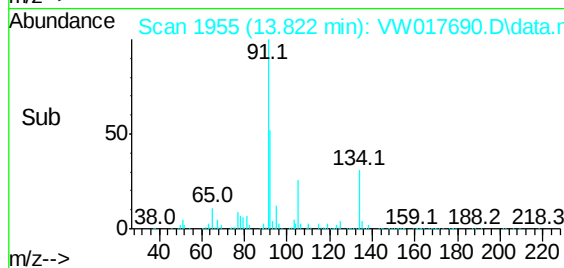
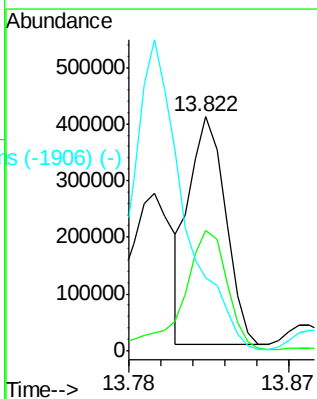
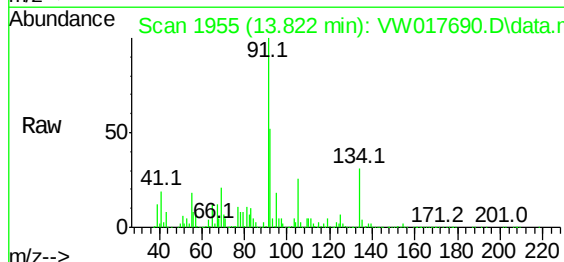
Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920

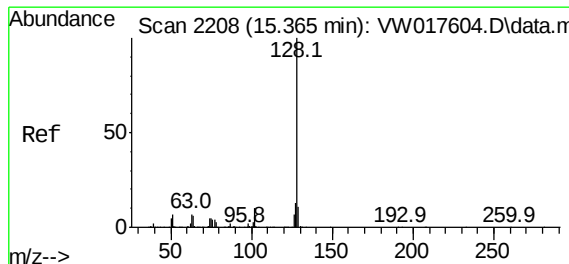
Tgt Ion:	119	Resp:	296040
Ion	Ratio	Lower	Upper
119	100		
134	26.8	13.8	41.3
91	23.6	11.3	33.9



#89
n-Butylbenzene
Concen: 273.05 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

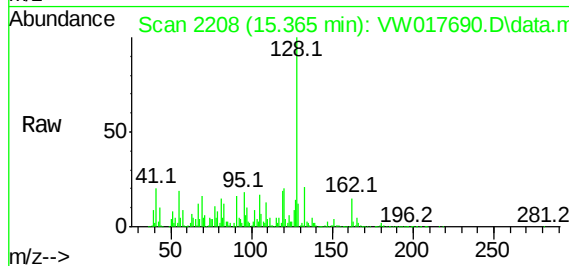
Tgt Ion:	91	Resp:	588343
Ion	Ratio	Lower	Upper
91	100		
92	62.6	26.6	79.7
134	0.0	14.3	42.9





#95
Naphthalene
Concen: 504.17 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW017690.D
Acq: 21 Dec 2020 16:52

Instrument :
MSVOA_W
ClientSampleId :
CHRT-26920



Tgt Ion:128 Resp: 598108

Ion	Ratio	Lower	Upper
128	100		
127	15.8	10.4	15.6#
129	12.9	8.6	12.8#

