

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072018\
 Data File : VW004072.D
 Acq On : 20 Jul 2018 13:16
 Operator : SY/AP
 Sample : J4023-20MSD
 Misc : 6.07G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 21 04:56:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM071818S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Jul 21 04:54:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	318771	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	279997	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	98853	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	60882	19.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.24%
7) Chloroethane-d5	2.89	69	49563	21.81	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.24%
10) 1,1-Dichloroethene-d2	4.02	63	178984	23.66	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	94.64%
20) 2-Butanone-d5	7.08	46	59791	32.34	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.68%
24) Chloroform-d	7.65	84	179045	23.66	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.64%
26) 1,2-Dichloroethane-d4	8.31	65	109314	23.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.96%
29) Benzene-d6	8.28	84	314478	24.22	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.88%
33) 1,2-Dichloropropane-d6	9.28	67	114237	26.37	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.48%
37) Toluene-d8	10.33	98	269055	23.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	92.20%
38) trans-1,3-Dichloropropene-	10.59	79	43104	22.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.56%
39) 2-Hexanone-d5	10.93	63	36442	31.25	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	62.50%
48) 1,1,2,2-Tetrachloroethane-	12.70	84	97470	20.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.16%
61) 1,2-Dichlorobenzene-d4	13.86	152	76685	24.13	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.52%

Target Compounds

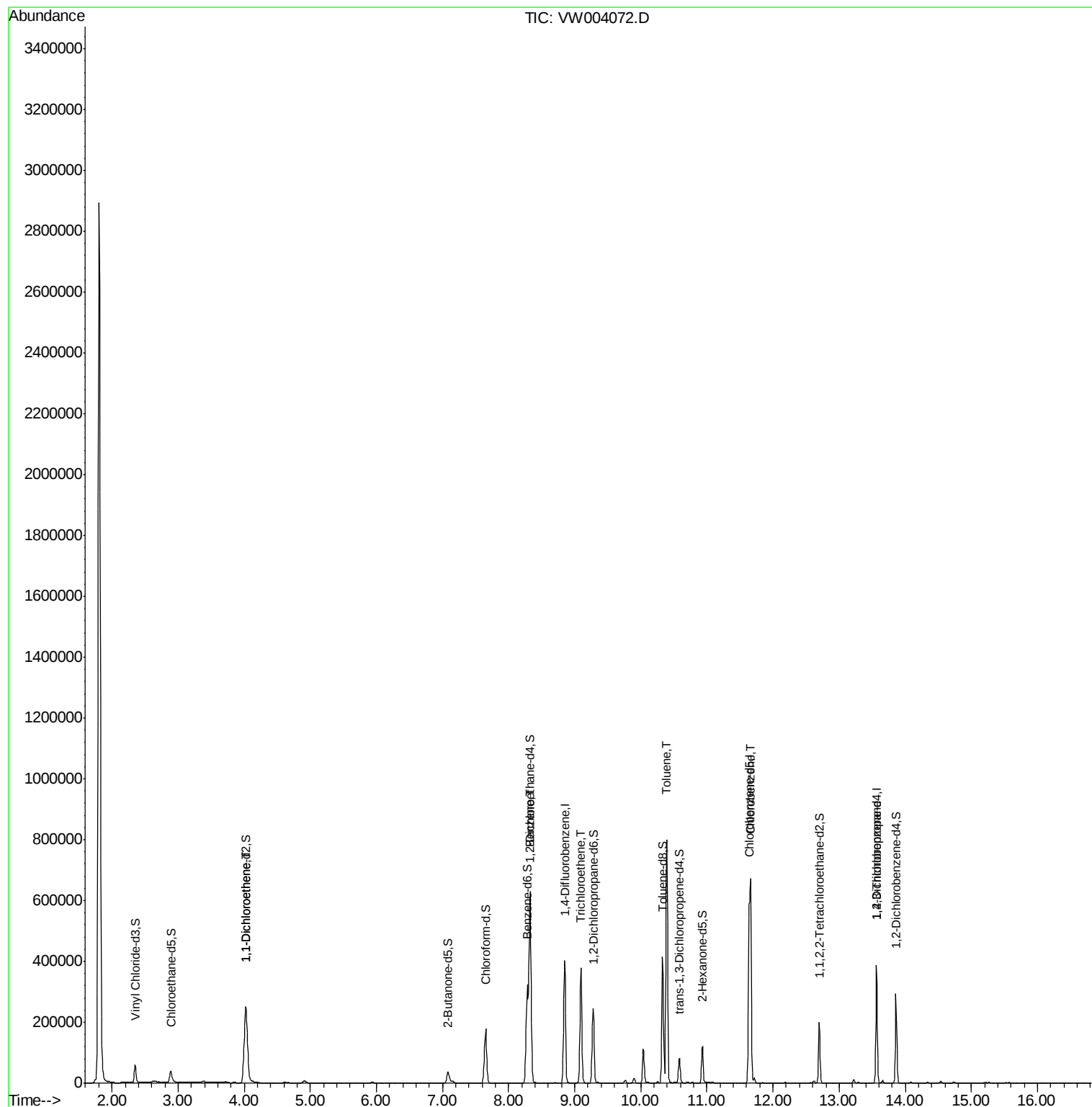
					Ovalue
12) 1,1-Dichloroethene	4.03	96	115474	27.213 ug/L	88
34) Benzene	8.33	78	538834	31.395 ug/L	100
35) Trichloroethene	9.09	95	135770	29.566 ug/L	100
44) Toluene	10.39	91	568472	31.609 ug/L	99
52) Chlorobenzene	11.66	112	324609	28.150 ug/L	98
59) 1,2,3-Trichloropropane	13.57	75	11924	2.980 ug/L #	86

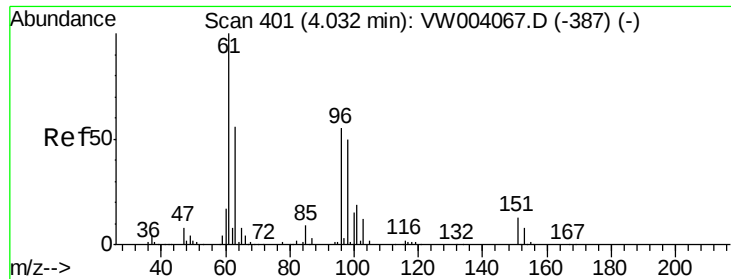
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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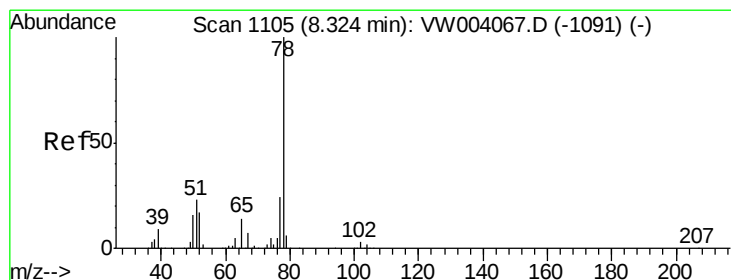
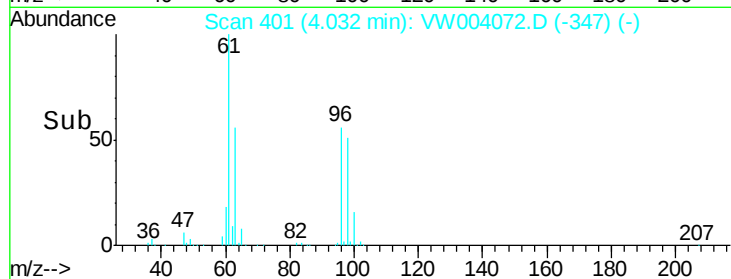
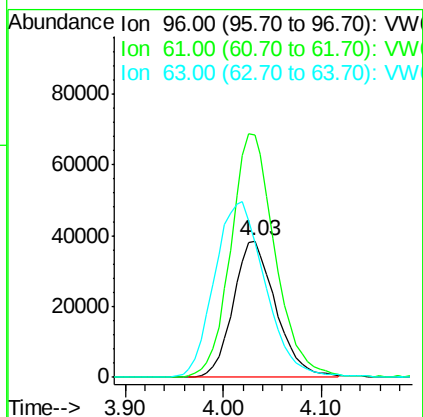
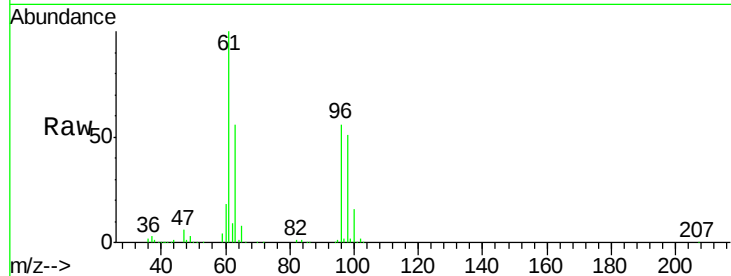




#12
 1,1-Dichloroethene
 Concen: 27.213 ug/L
 RT: 4.03 min Scan# 401
 Delta R.T. -0.00 min
 Lab File: VW004072.D
 Acq: 20 Jul 2018 13:16

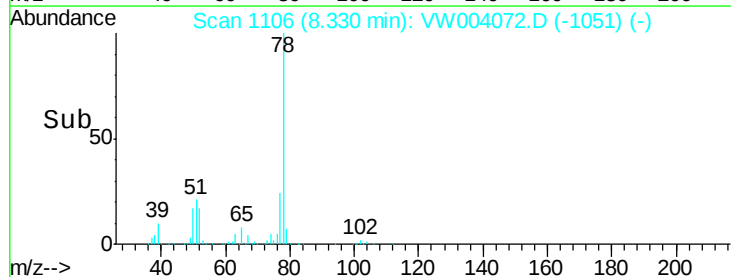
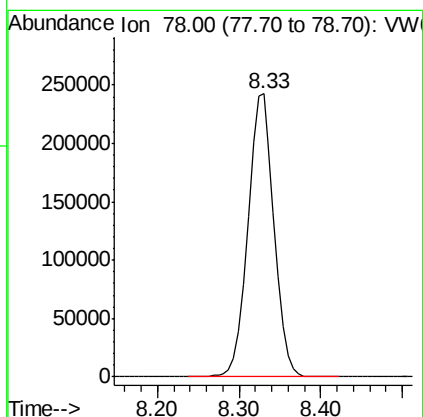
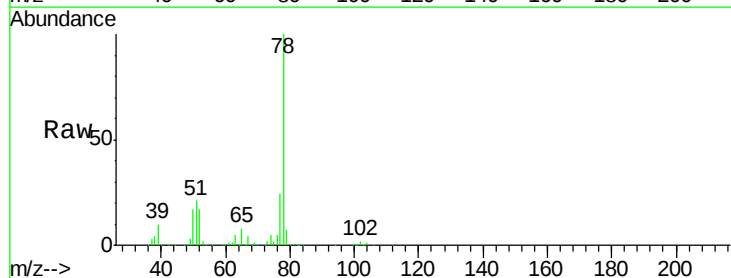
Instrument :
 MSVOA_W
 ClientSampled :

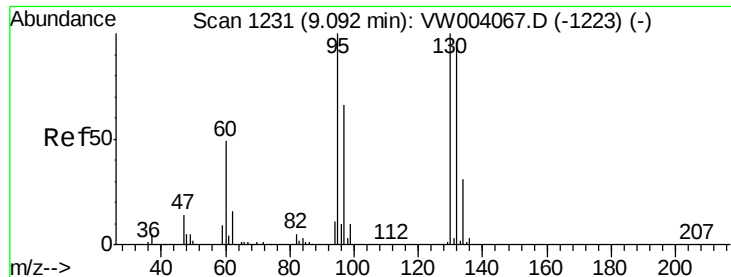
Tot Ion: 96 Resp: 115474
 Ion Ratio Lower Upper
 96 100
 61 177.6 127.3 236.5
 63 99.2 88.5 164.4



#34
 Benzene
 Concen: 31.395 ug/L
 RT: 8.33 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: VW004072.D
 Acq: 20 Jul 2018 13:16

Tgt Ion: 78 Resp: 538834





#35

Trichloroethene

Concen: 29.566 ug/L

RT: 9.09 min Scan# 1231

Delta R.T. -0.00 min

Lab File: VW004072.D

Acq: 20 Jul 2018 13:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 95 Resp: 135770

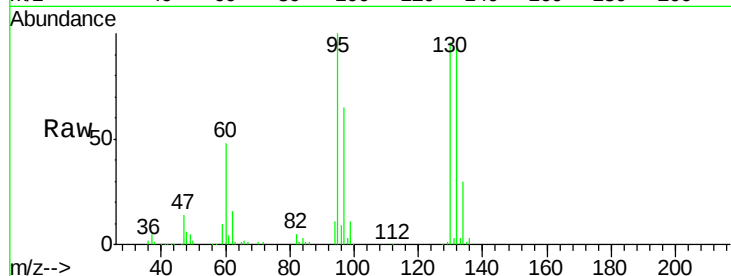
Ion Ratio Lower Upper

95 100

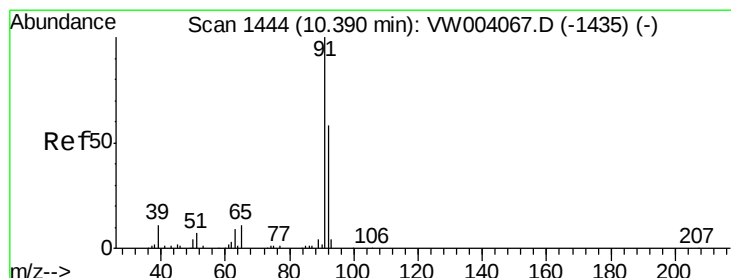
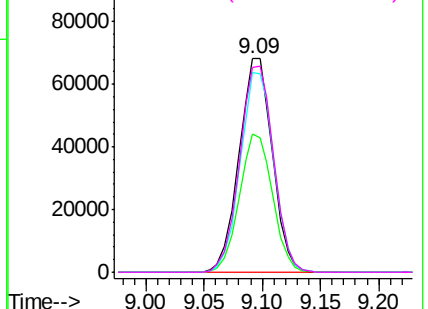
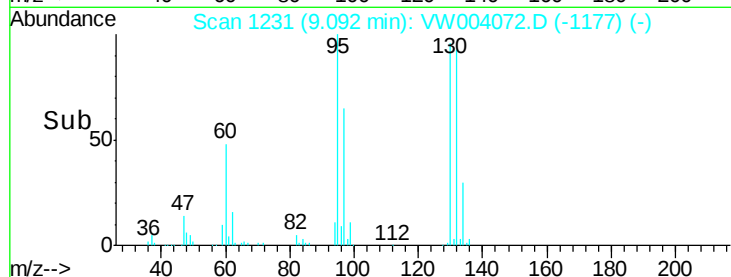
97 64.4 44.7 83.1

132 94.5 66.1 122.7

130 98.6 68.9 127.9



Abundance Ion 95.00 (94.70 to 95.70): VW
Ion 97.00 (96.70 to 97.70): VW
Ion 132.00 (131.70 to 132.70): V
Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 31.609 ug/L

RT: 10.39 min Scan# 1444

Delta R.T. -0.00 min

Lab File: VW004072.D

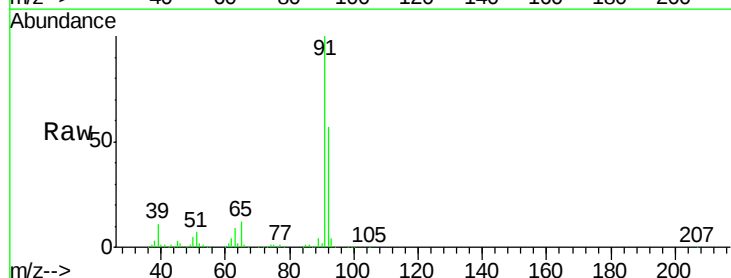
Acq: 20 Jul 2018 13:16

Tgt Ion: 91 Resp: 568472

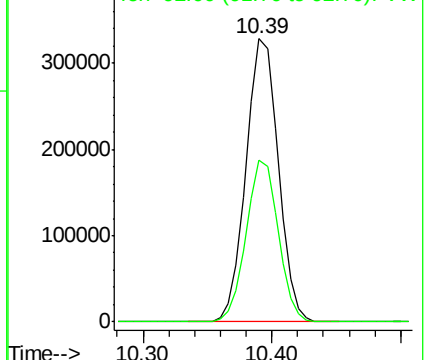
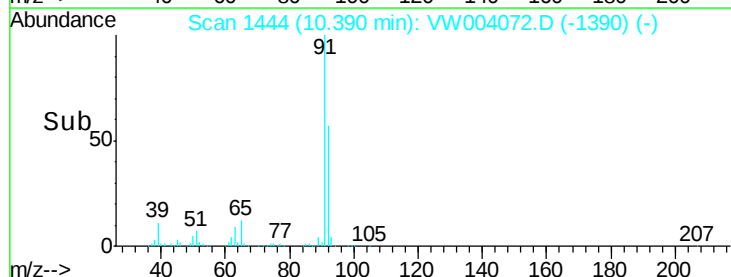
Ion Ratio Lower Upper

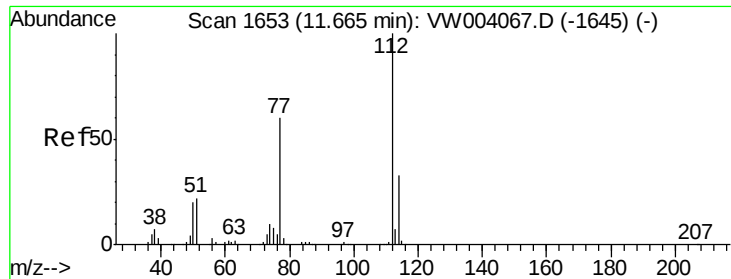
91 100

92 57.3 39.5 73.4



Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW

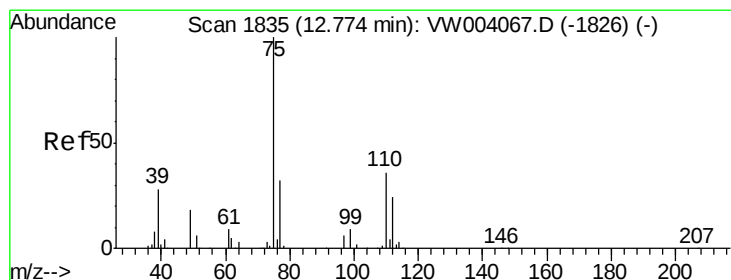
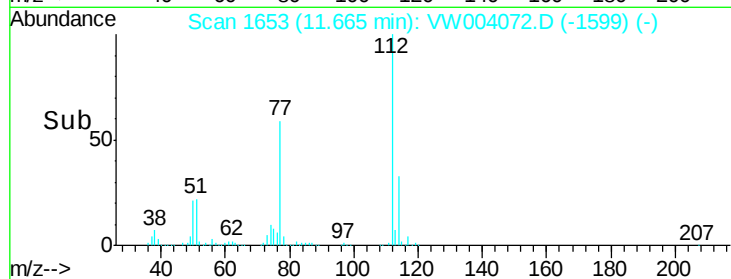
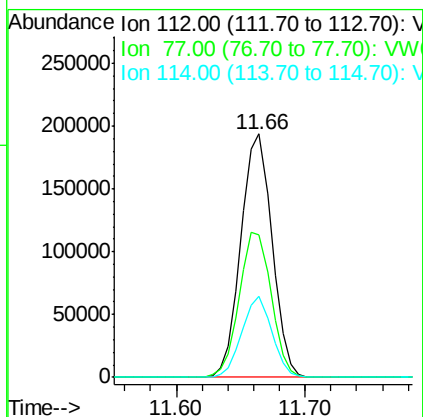
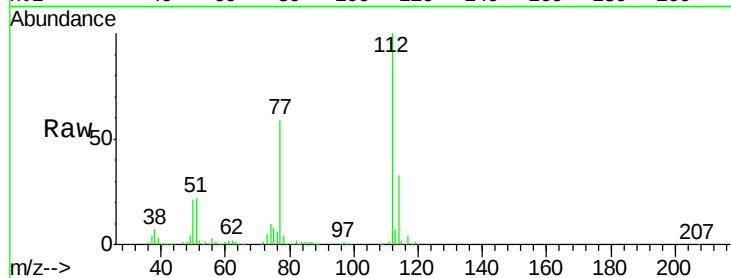




#52
Chlorobenzene
Concen: 28.150 ug/L
RT: 11.66 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VW004072.D
Acq: 20 Jul 2018 13:16

Instrument :
MSVOA_W
ClientSampled :

Tot Ion:112 Resp: 324609
Ion Ratio Lower Upper
112 100
77 58.5 47.7 71.5
114 33.5 22.2 41.2



#59
1,2,3-Trichloropropane
Concen: 2.980 ug/L
RT: 13.57 min Scan# 1965
Delta R.T. 0.79 min
Lab File: VW004072.D
Acq: 20 Jul 2018 13:16

Tgt Ion: 75 Resp: 11924
Ion Ratio Lower Upper
75 100
77 39.7 25.4 38.0#

