

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW042619\
 Data File : VW010153.D
 Acq On : 26 Apr 2019 12:07
 Operator : SY/VA
 Sample : K24481-08MS
 Misc : 5.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 GAHW2MS

Quant Time: Apr 27 00:09:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM042419S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 26 23:30:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	708131	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	646518	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	286093	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	162765	24.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.16%
7) Chloroethane-d5	2.89	69	141570	25.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.24%
10) 1,1-Dichloroethene-d2	4.01	63	422685	21.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.12%
20) 2-Butanone-d5	7.07	46	112983	35.35	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.70%
24) Chloroform-d	7.64	84	441529	23.42	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.68%
26) 1,2-Dichloroethane-d4	8.30	65	239080	21.68	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.72%
29) Benzene-d6	8.27	84	879994	24.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.12%
33) 1,2-Dichloropropane-d6	9.27	67	277399	24.30	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.20%
37) Toluene-d8	10.32	98	810918	24.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.52%
38) trans-1,3-Dichloropropene-	10.58	79	111312	21.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.64%
39) 2-Hexanone-d5	10.93	63	93781	39.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	195907	20.67	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.68%
61) 1,2-Dichlorobenzene-d4	13.86	152	268055	25.30	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.20%

Target Compounds

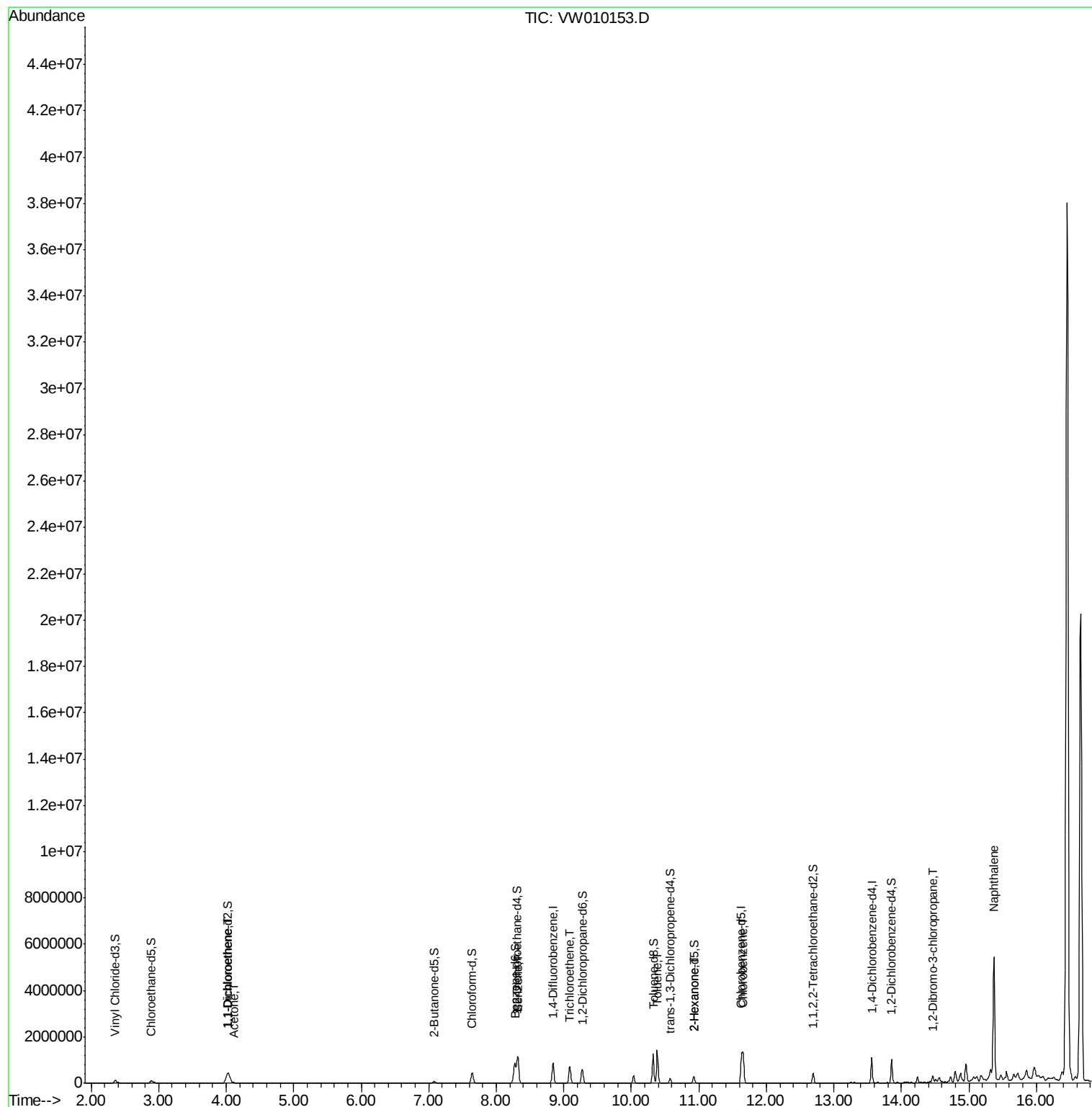
					Qvalue
12) 1,1-Dichloroethene	4.03	96	192791	21.010 ug/L	94
13) Acetone	4.12	43	7195	2.983 ug/L	76
34) Benzene	8.32	78	956825	24.331 ug/L	100
35) Trichloroethene	9.09	95	246415	23.759 ug/L	99
44) Toluene	10.38	91	1042515	25.043 ug/L	98
49) 2-Hexanone	10.93	43	12124	2.194 ug/L #	68
52) Chlorobenzene	11.66	112	652010	24.754 ug/L	100
66) 1,2-Dibromo-3-chloropropan	14.46	75	3731	2.384 ug/L #	6
69) Naphthalene	15.37	128	4471087	166.700 ug/L	99

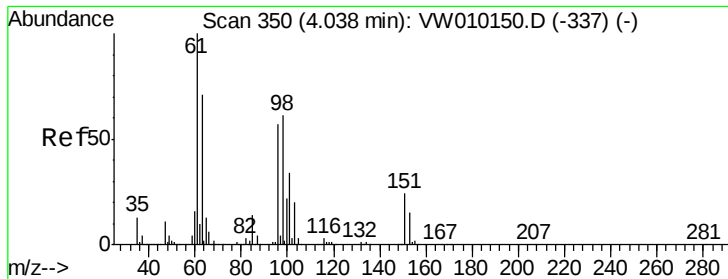
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 26 23:30:44 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 21.010 ug/L

RT: 4.03 min Scan# 349

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

GAHW2MS

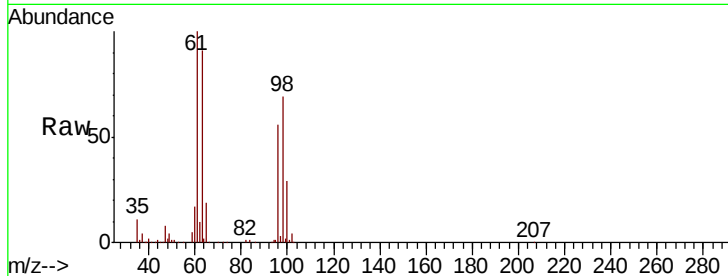
Tgt Ion: 96 Resp: 192791

Ion Ratio Lower Upper

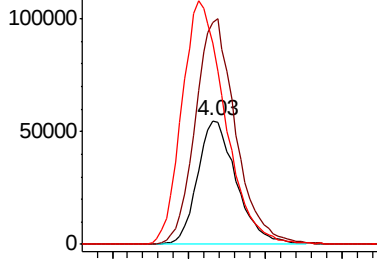
96 100

61 179.4 135.3 251.3

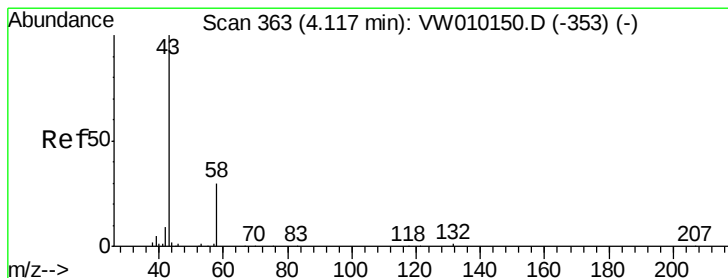
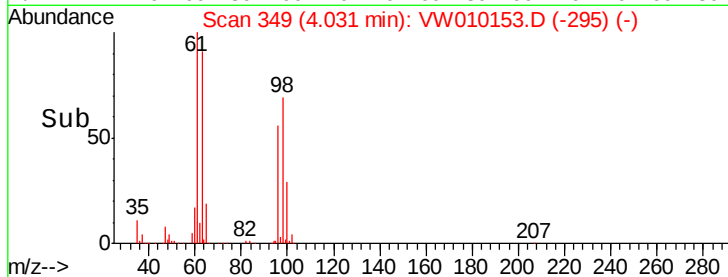
63 163.1 115.8 215.2



Abundance Ion 96.00 (95.70 to 96.70): VW
Ion 61.00 (60.70 to 61.70): VW
Ion 63.00 (62.70 to 63.70): VW



Time-->



#13

Acetone

Concen: 2.983 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW010153.D

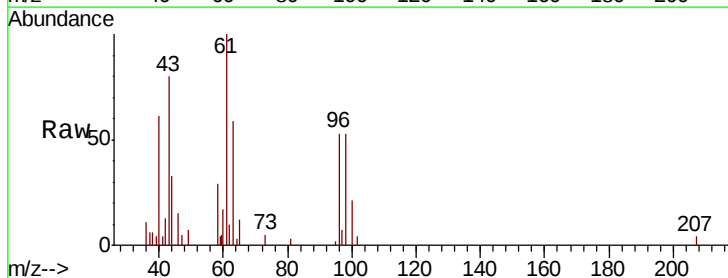
Acq: 26 Apr 2019 12:07

Tgt Ion: 43 Resp: 7195

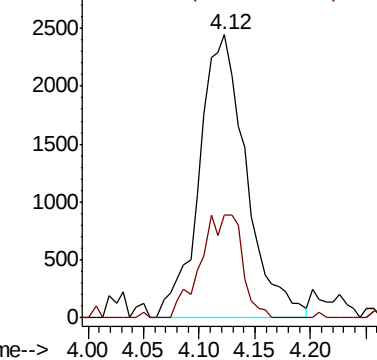
Ion Ratio Lower Upper

43 100

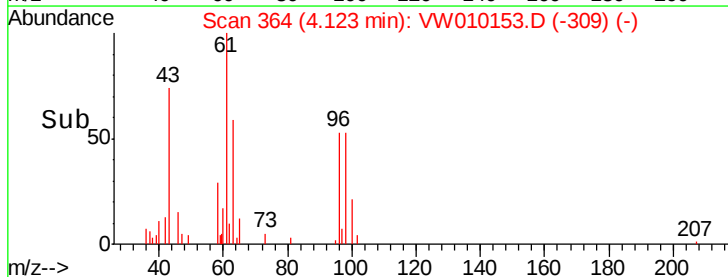
58 16.3 0.0 58.2

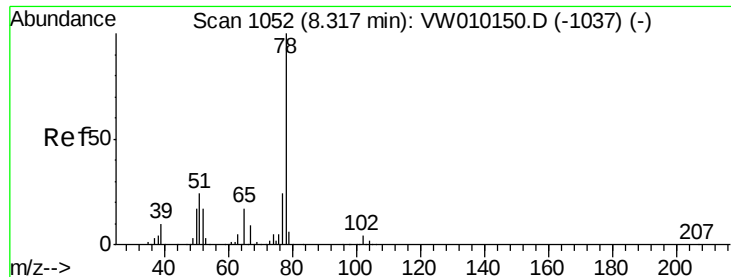


Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



Time-->





#34

Benzene

Concen: 24.331 ug/L

RT: 8.32 min Scan# 1053

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

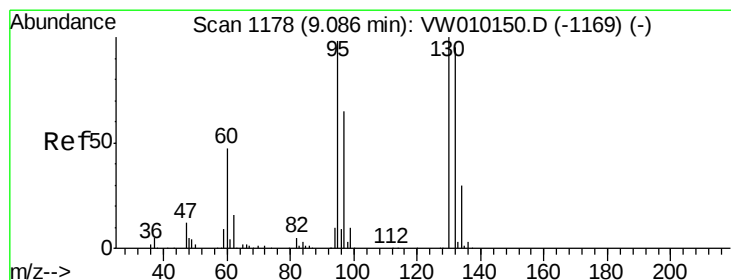
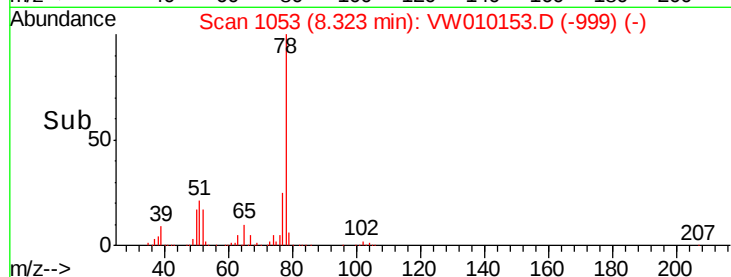
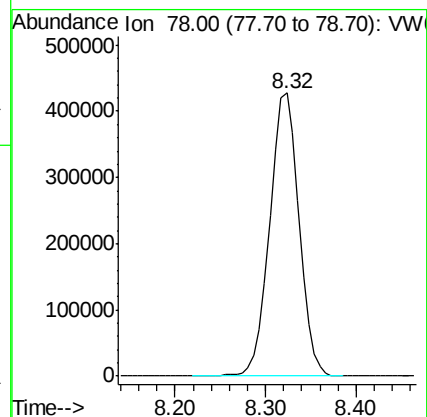
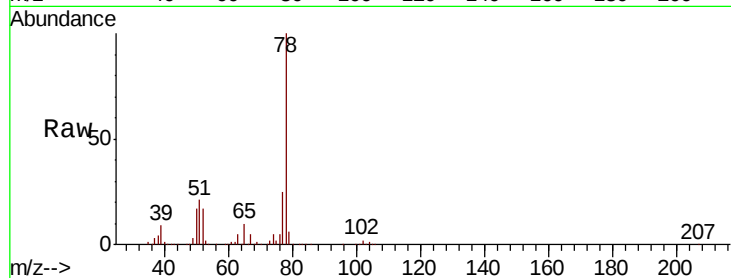
Instrument :

MSVOA_W

ClientSampleId :

GAHW2MS

Tgt Ion: 78 Resp: 956825



#35

Trichloroethene

Concen: 23.759 ug/L

RT: 9.09 min Scan# 1179

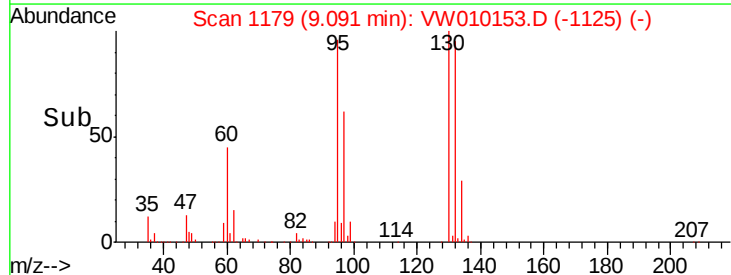
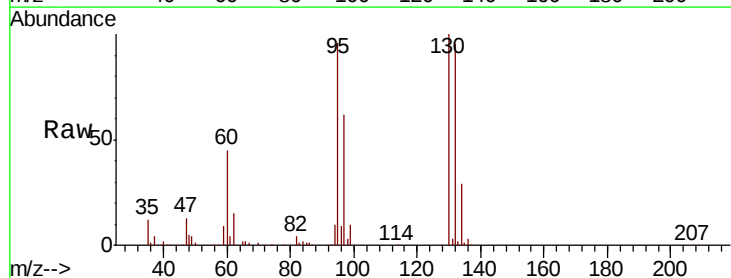
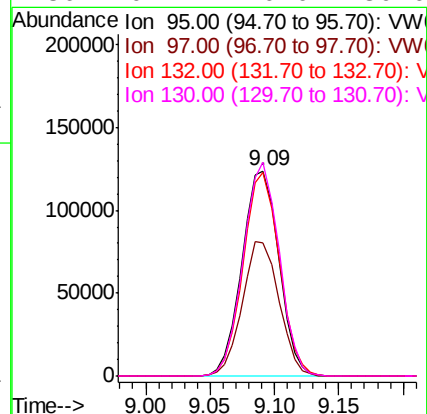
Delta R.T. -0.00 min

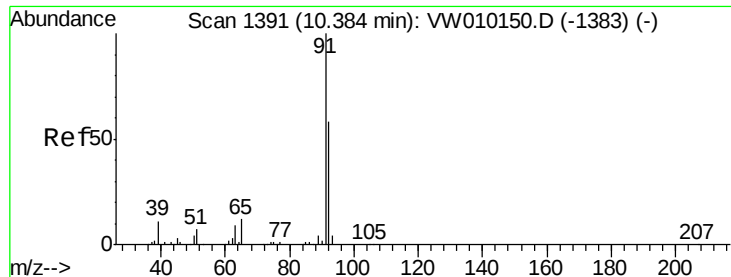
Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Tgt Ion: 95 Resp: 246415

Ion	Ratio	Lower	Upper
95	100		
97	65.1	45.1	83.9
132	97.2	67.2	124.8
130	101.2	70.0	130.0





#44

Toluene

Concen: 25.043 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

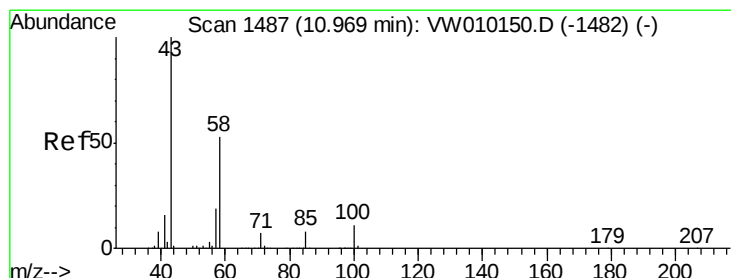
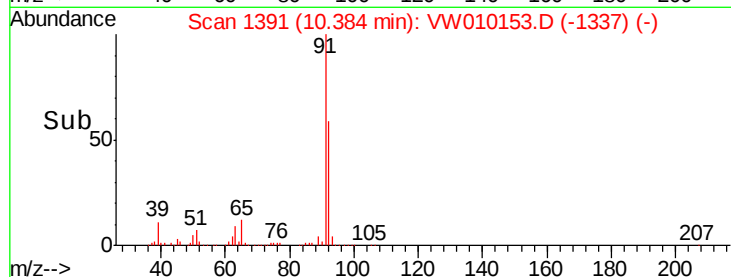
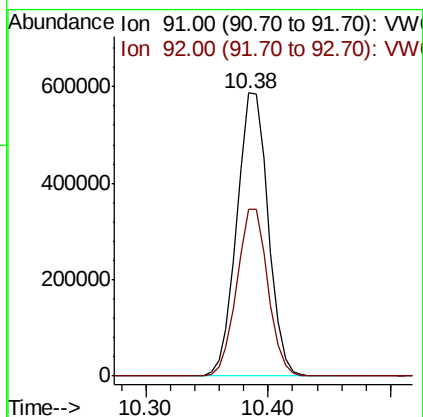
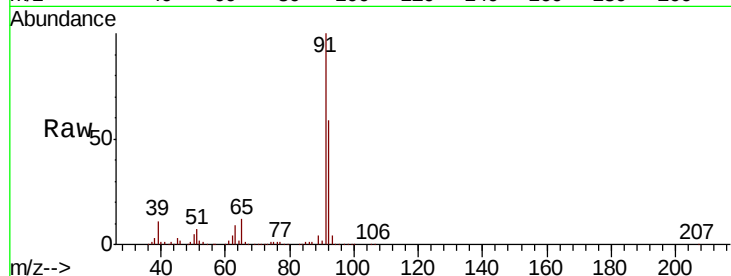
GAHW2MS

Tgt Ion: 91 Resp: 1042515

Ion Ratio Lower Upper

91 100

92 59.1 40.3 74.9



#49

2-Hexanone

Concen: 2.194 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Tgt Ion: 43 Resp: 12124

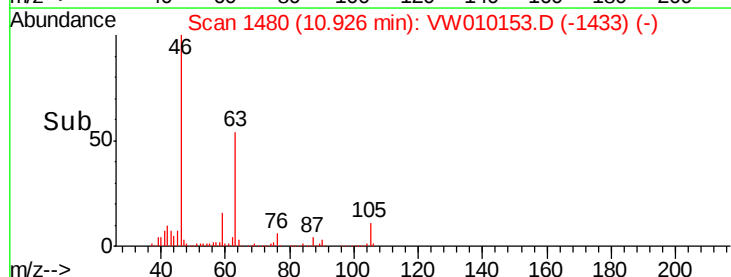
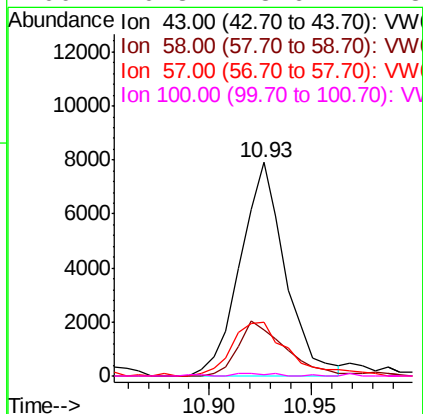
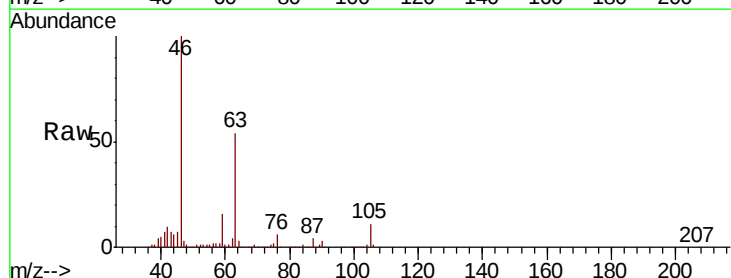
Ion Ratio Lower Upper

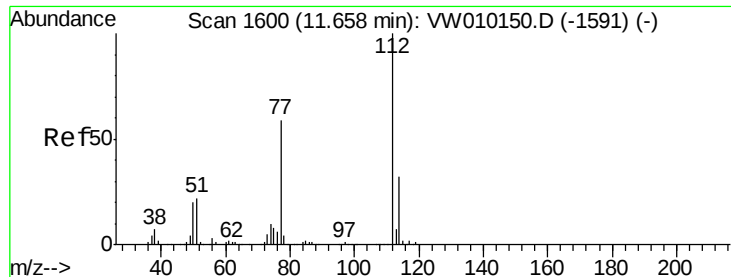
43 100

58 27.3 39.9 59.9#

57 31.9 14.3 21.5#

100 0.3 8.6 12.8#

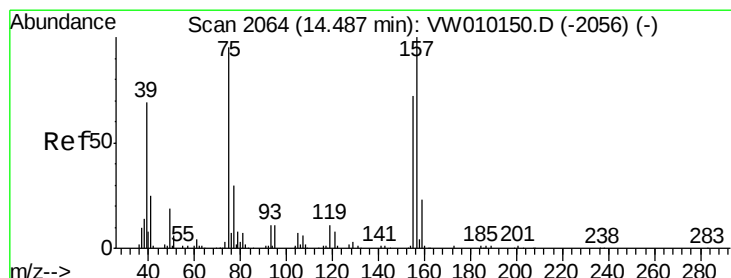
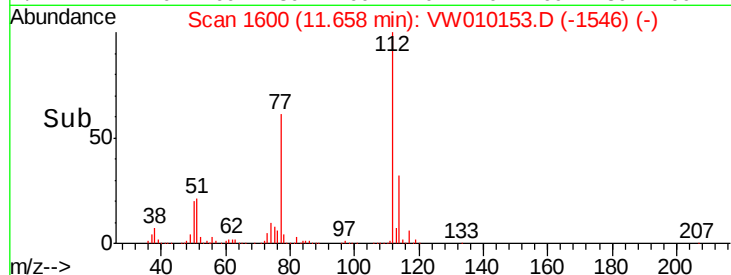
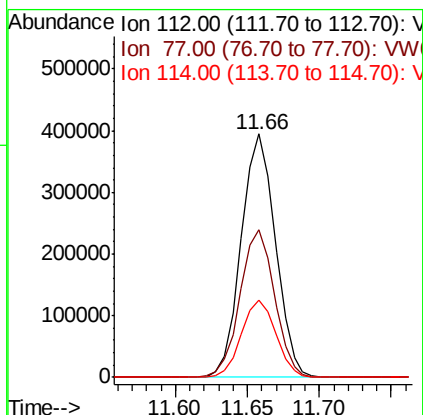
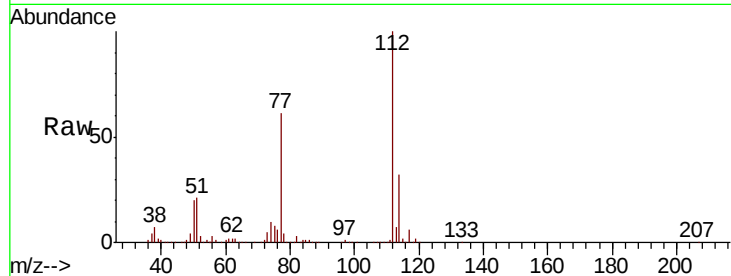




#52
Chlorobenzene
Concen: 24.754 ug/L
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW010153.D
Acq: 26 Apr 2019 12:07

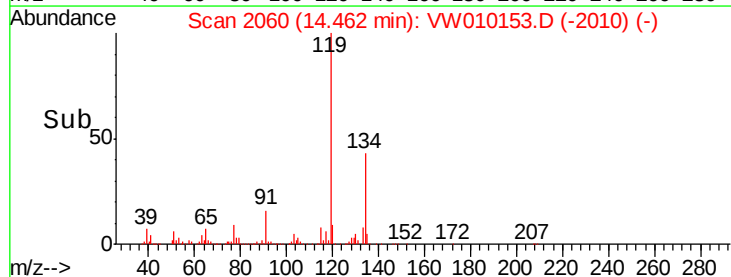
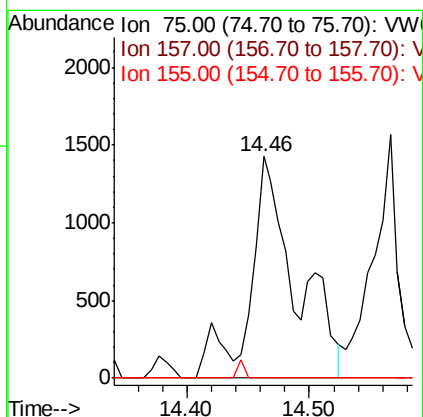
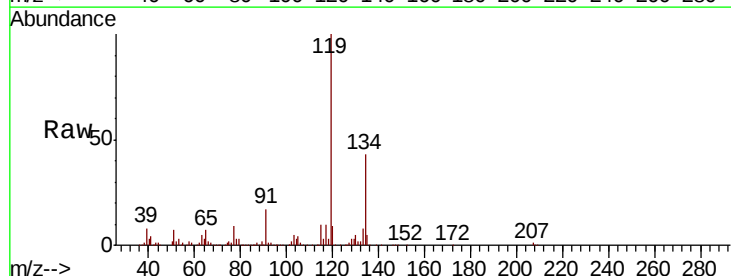
Instrument :
MSVOA_W
ClientSampleId :
GAHW2MS

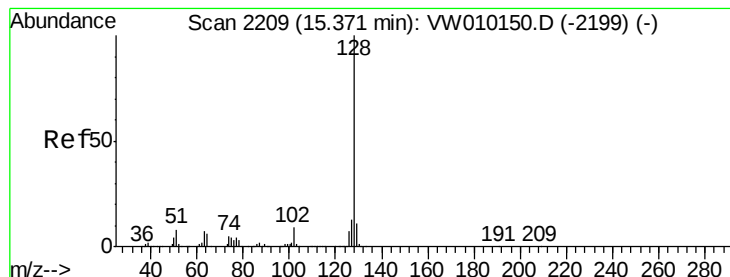
Tgt Ion: 112 Resp: 652010
Ion Ratio Lower Upper
112 100
77 60.9 48.6 73.0
114 31.7 22.3 41.3



#66
1,2-Dibromo-3-chloropropane
Concen: 2.384 ug/L
RT: 14.46 min Scan# 2060
Delta R.T. -0.02 min
Lab File: VW010153.D
Acq: 26 Apr 2019 12:07

Tgt Ion: 75 Resp: 3731
Ion Ratio Lower Upper
75 100
157 0.0 78.4 117.6#
155 0.0 60.2 90.2#





#69

Naphthalene

Concen: 166.700 ug/L

RT: 15.37 min Scan# 2209

Delta R.T. -0.00 min

Lab File: VW010153.D

Acq: 26 Apr 2019 12:07

Instrument :

MSVOA_W

ClientSampleId :

GAHW2MS

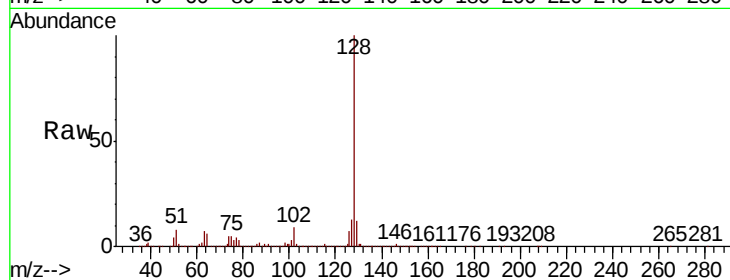
Tgt Ion:128 Resp: 4471087

Ion Ratio Lower Upper

128 100

129 11.3 8.6 13.0

127 13.4 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

