

Data File : VW015050.D
Acq On : 26 Feb 2020 18:28
Operator : SY/VA
Sample : L1686-10
Misc : 5.24G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW07

Quant Time: Feb 27 02:05:32 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	694478	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	670110	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	233054	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	376439	21.67	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.68%
7) Chloroethane-d5	2.89	69	275552	22.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.04%
10) 1,1-Dichloroethene-d2	4.02	63	460863	17.05	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.20%
20) 2-Butanone-d5	7.07	46	177946	61.29	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.58%
24) Chloroform-d	7.65	84	571787	25.06	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.24%
26) 1,2-Dichloroethane-d4	8.41	65	433	0.03	ug/L	0.11
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.12%#
29) Benzene-d6	8.27	84	1091054	23.69	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.76%
33) 1,2-Dichloropropane-d6	9.27	67	401778	26.06	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	104.24%
37) Toluene-d8	10.32	98	943299	24.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	98.24%
38) trans-1,3-Dichloropropene-	10.57	79	147769	25.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	103.72%
39) 2-Hexanone-d5	10.92	63	147929	72.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	144.96%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	284815	28.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	114.36%
61) 1,2-Dichlorobenzene-d4	13.85	152	243813	28.55	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	114.20%

Target Compounds

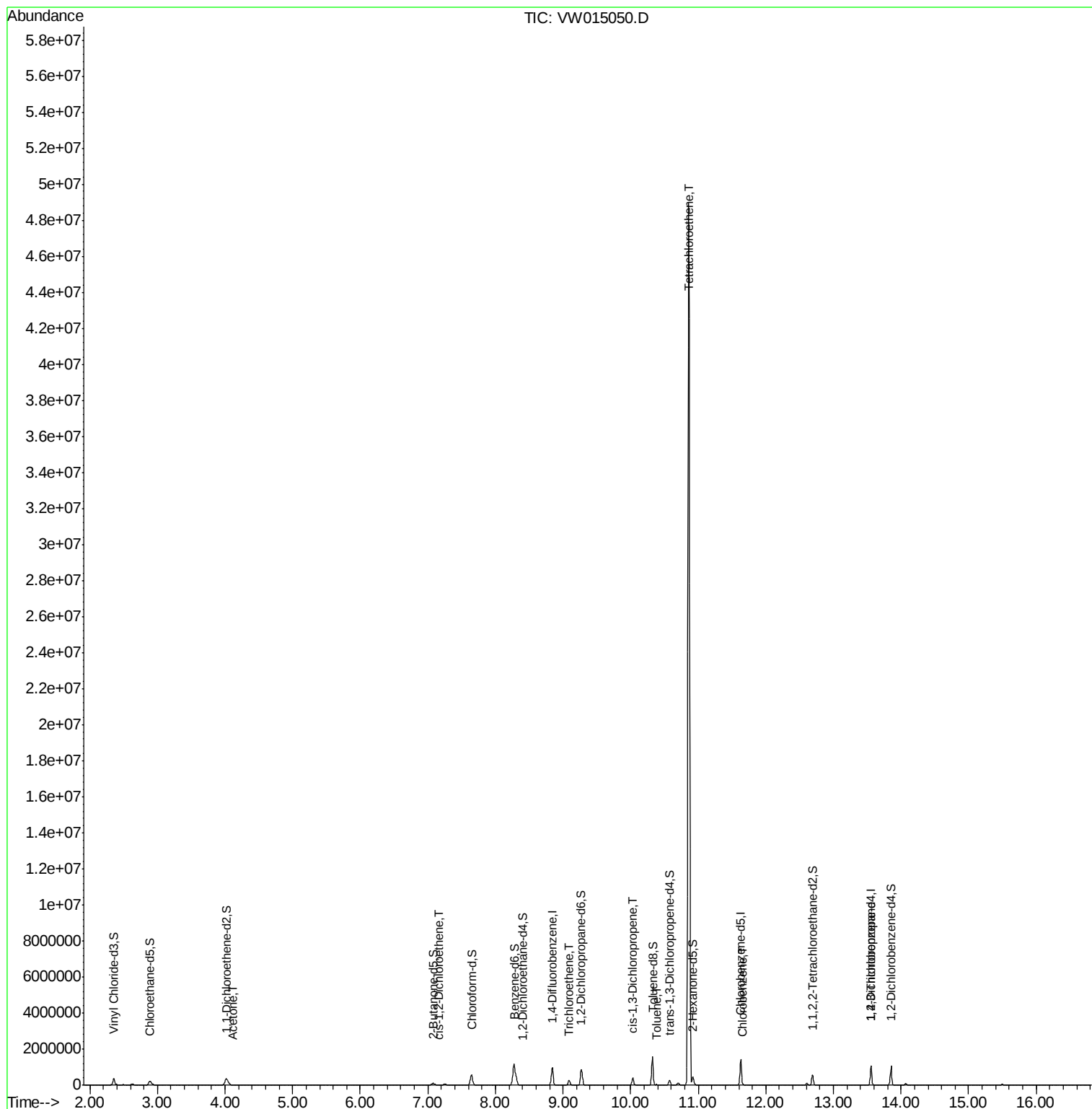
						Qvalue
13) Acetone	4.12	43	17460	5.084	ug/L	97
22) cis-1,2-Dichloroethene	7.17	96	8290	0.759	ug/L	93
35) Trichloroethene	9.09	95	92018	7.631	ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	10302	0.571	ug/L #	69
44) Toluene	10.39	91	21046	0.435	ug/L	95
47) Tetrachloroethene	10.86	164	9046888	1164.122	ug/L	96
52) Chlorobenzene	11.66	112	13980	0.491	ug/L	93
59) 1,2,3-Trichloropropane	13.55	75	39292	5.201	ug/L	91

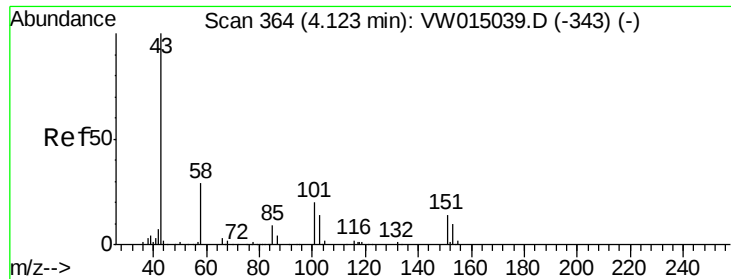
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Feb 27 02:01:40 2020
Response via : Initial Calibration





#13

Acetone

Concen: 5.084 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015050.D

Acq: 26 Feb 2020 18:28

Instrument :

MSVOA_W

ClientSampled :

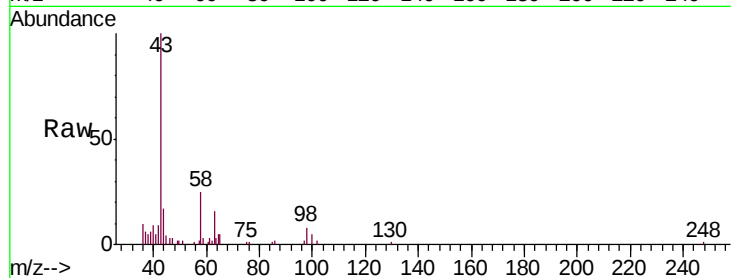
GAW07

Tgt Ion: 43 Resp: 17460

Ion Ratio Lower Upper

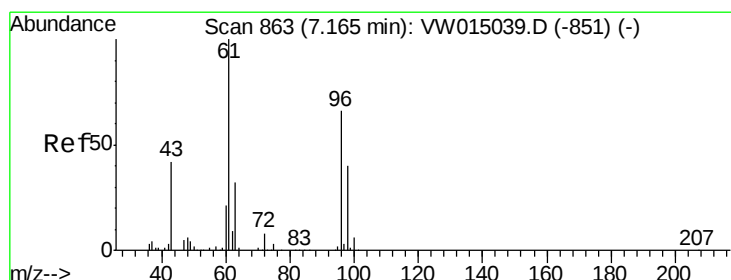
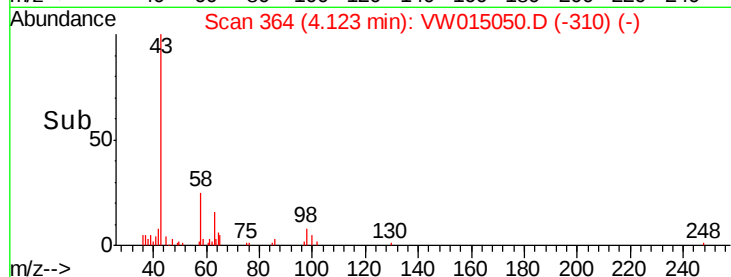
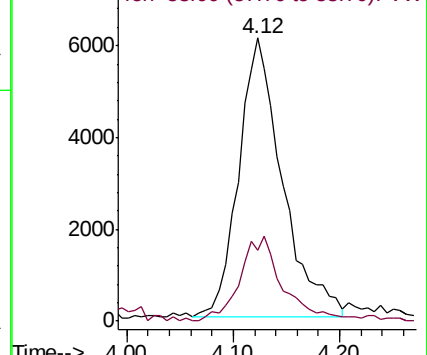
43 100

58 28.3 0.0 54.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#22

cis-1,2-Dichloroethene

Concen: 0.759 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

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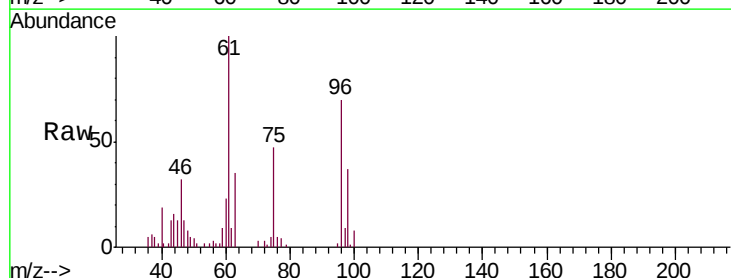
Tgt Ion: 96 Resp: 8290

Ion Ratio Lower Upper

96 100

61 143.0 105.2 195.4

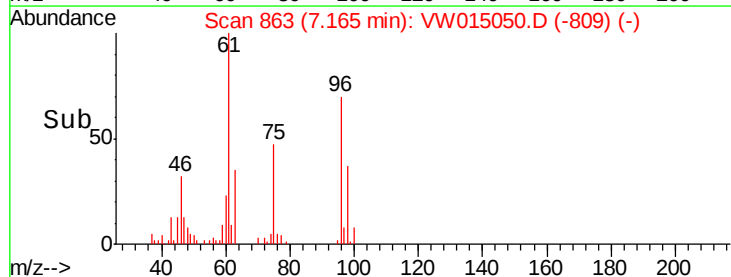
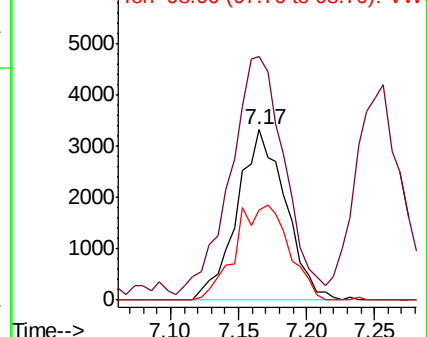
98 53.0 42.6 79.2

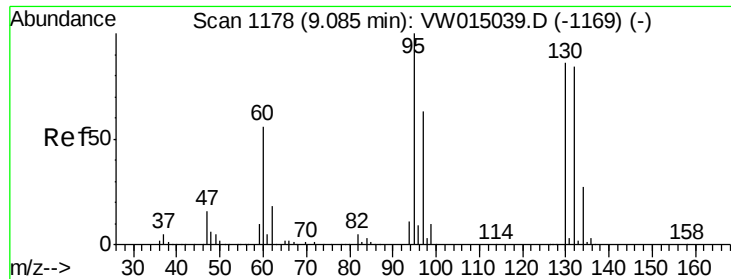


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 7.631 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW015050.D

Acq: 26 Feb 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

GAW07

Tgt Ion: 95 Resp: 92018

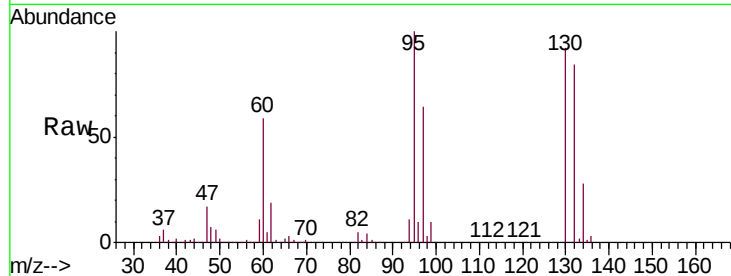
Ion Ratio Lower Upper

95 100

97 63.9 44.7 83.1

132 83.5 58.1 107.9

130 89.4 62.0 115.2

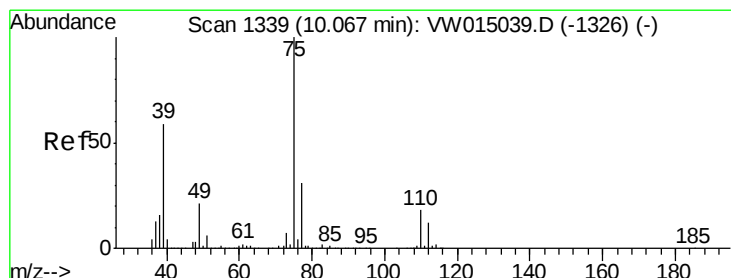
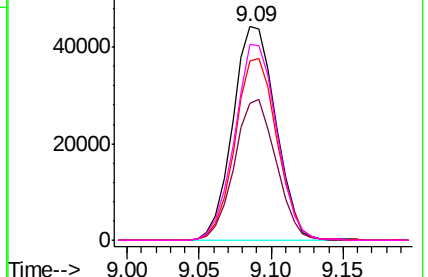
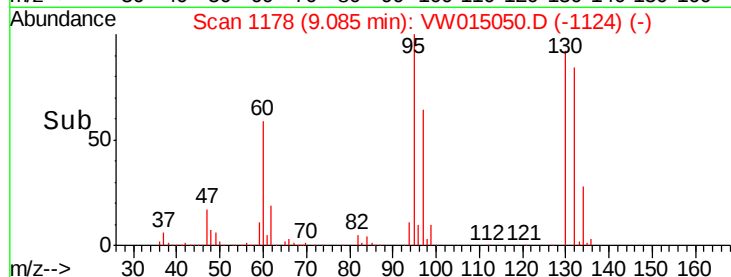


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.571 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.03 min

Lab File: VW015050.D

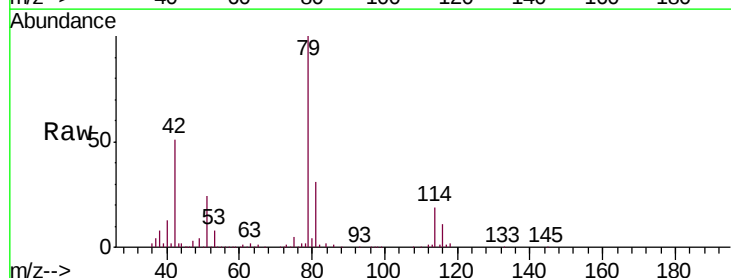
Acq: 26 Feb 2020 18:28

Tgt Ion: 75 Resp: 10302

Ion Ratio Lower Upper

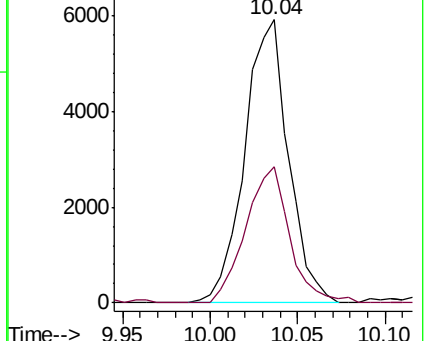
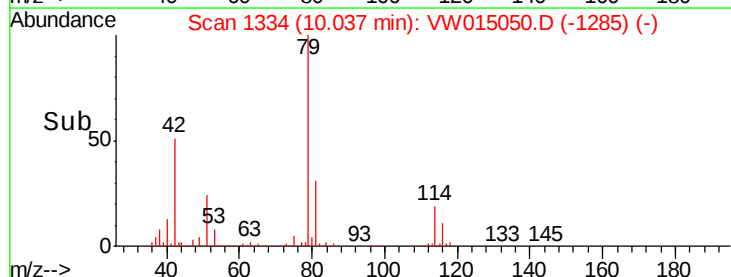
75 100

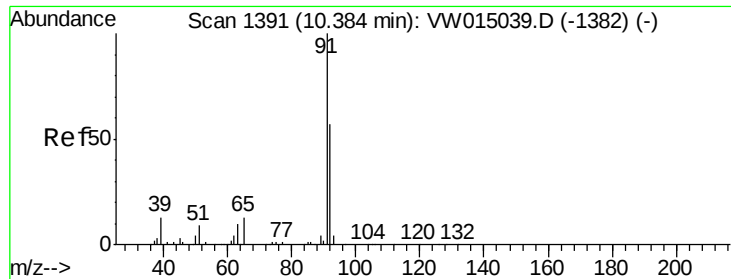
77 48.2 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#44

Toluene

Concen: 0.435 ug/L

RT: 10.39 min Scan# 1392

Delta R.T. 0.01 min

Lab File: VW015050.D

Acq: 26 Feb 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

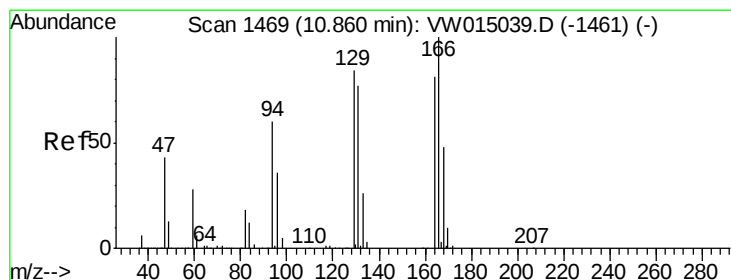
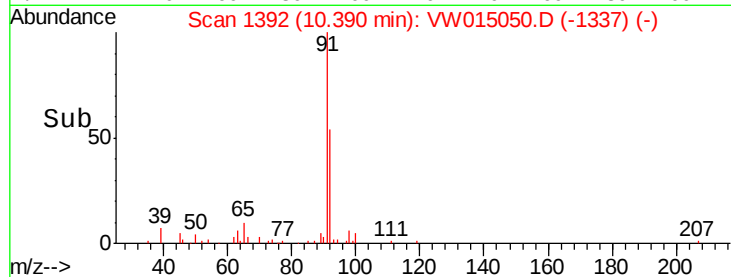
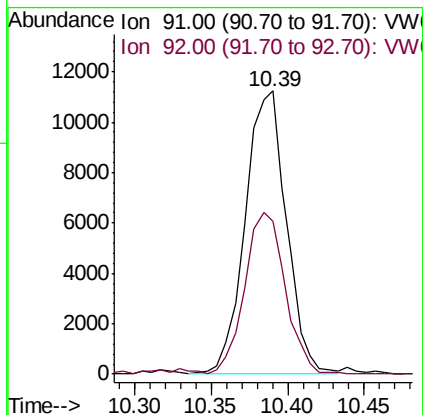
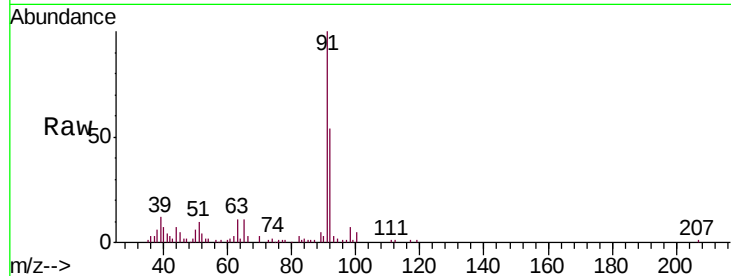
GAW07

Tgt Ion: 91 Resp: 21046

Ion Ratio Lower Upper

91 100

92 54.0 40.5 75.1



#47

Tetrachloroethene

Concen: 1164.122 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW015050.D

Acq: 26 Feb 2020 18:28

Tgt Ion: 164 Resp: 9046888

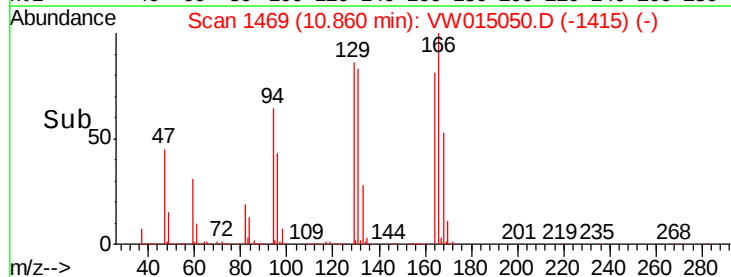
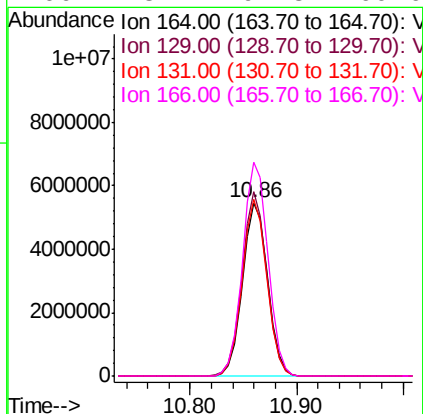
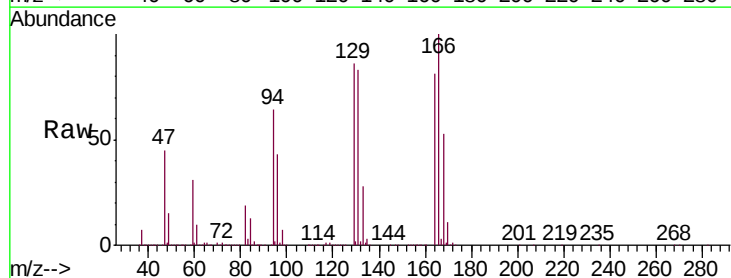
Ion Ratio Lower Upper

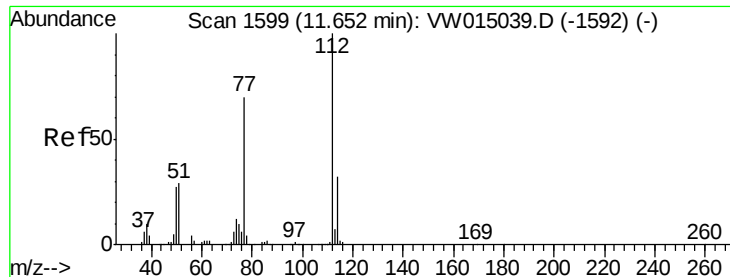
164 100

129 106.3 71.7 133.1

131 102.1 70.1 130.3

166 123.4 91.3 169.6





#52

Chlorobenzene

Concen: 0.491 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015050.D

Acq: 26 Feb 2020 18:28

Instrument :

MSVOA_W

ClientSampleId :

GAW07

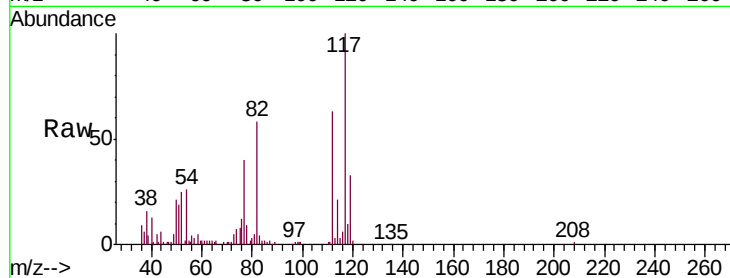
Tgt Ion: 112 Resp: 13980

Ion Ratio Lower Upper

112 100

77 63.1 57.0 85.6

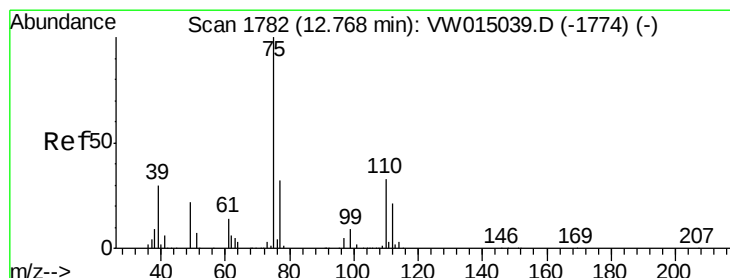
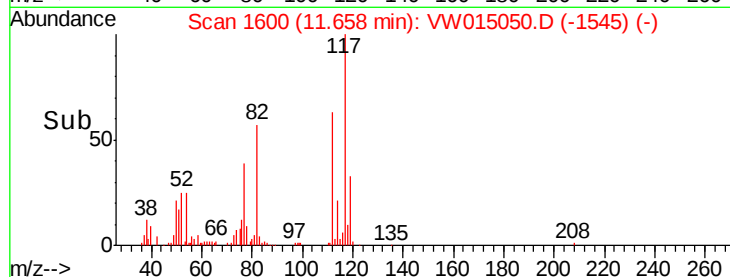
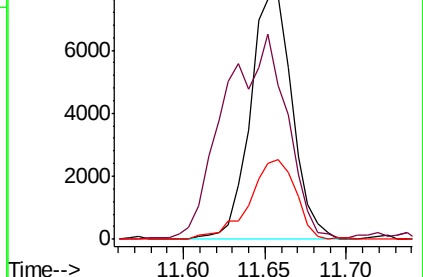
114 32.6 22.5 41.9



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VW

Ion 114.00 (113.70 to 114.70): V



#59

1,2,3-Trichloropropane

Concen: 5.201 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015050.D

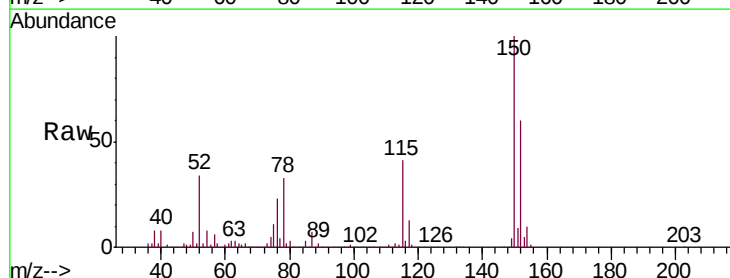
Acq: 26 Feb 2020 18:28

Tgt Ion: 75 Resp: 39292

Ion Ratio Lower Upper

75 100

77 36.6 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

