

Data File : VW015049.D
Acq On : 26 Feb 2020 18:02
Operator : SY/VA
Sample : L1686-09
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW06

Quant Time: Feb 27 02:05:22 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	741722	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	712270	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	264828	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	389934	21.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.08%
7) Chloroethane-d5	2.89	69	281362	21.04	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.16%
10) 1,1-Dichloroethene-d2	4.02	63	480787	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.07	46	166777	53.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.56%
24) Chloroform-d	7.79	84	135	0.01	ug/L	0.14
Spiked Amount	25.000	Range	40 - 150	Recovery	=	0.04%#
26) 1,2-Dichloroethane-d4	8.31	65	357320	26.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.84%
29) Benzene-d6	8.27	84	1137330	23.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	92.96%
33) 1,2-Dichloropropane-d6	9.27	67	415495	25.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.44%
37) Toluene-d8	10.32	98	986281	24.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.64%
38) trans-1,3-Dichloropropene-	10.57	79	146600	24.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.80%
39) 2-Hexanone-d5	10.92	63	135868	62.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	125.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	272437	25.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	260030	26.80	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.20%

Target Compounds

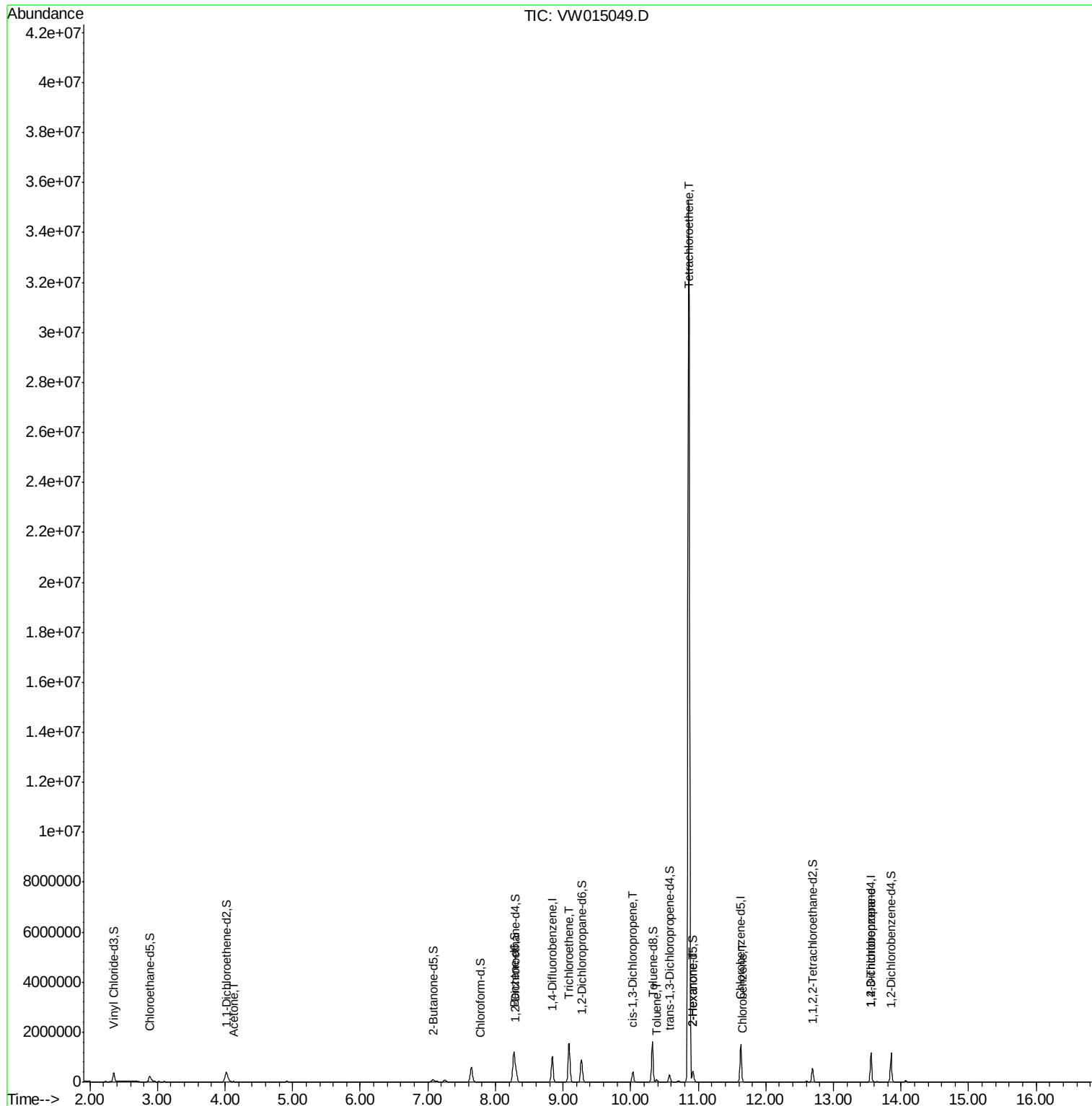
					Qvalue
13) Acetone	4.12	43	24029	6.551 ug/L	81
35) Trichloroethene	9.09	95	552897	43.139 ug/L	99
42) cis-1,3-Dichloropropene	10.03	75	10831	0.565 ug/L #	79
44) Toluene	10.38	91	68951	1.340 ug/L	95
47) Tetrachloroethene	10.86	164	6621778	801.633 ug/L	96
49) 2-Hexanone	10.92	43	18836	3.157 ug/L #	70
52) Chlorobenzene	11.66	112	11163	0.369 ug/L	97
59) 1,2,3-Trichloropropane	13.55	75	44469	5.537 ug/L	89

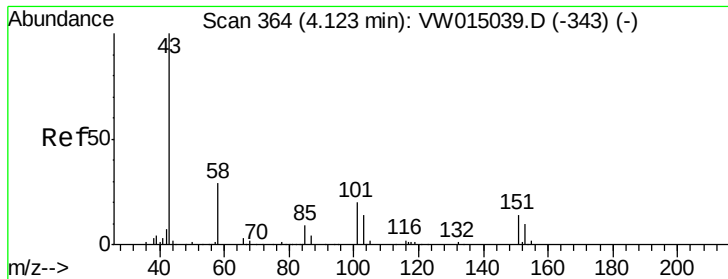
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW015049.D
Acq On : 26 Feb 2020 18:02
Operator : SY/VA
Sample : L1686-09
Misc : 5.31G/10ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW06

Quant Time: Feb 27 02:05:22 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





#13

Acetone

Concen: 6.551 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

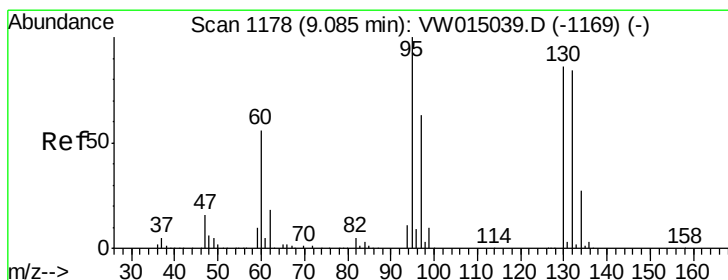
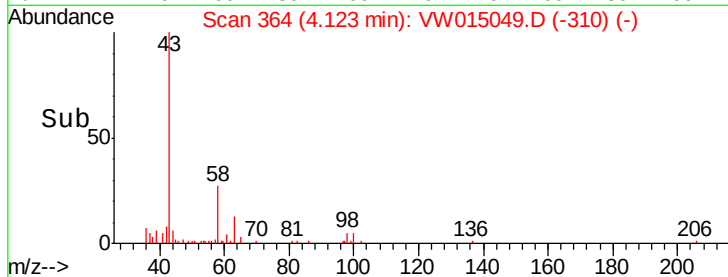
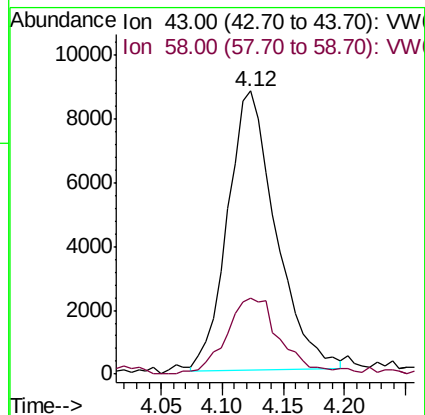
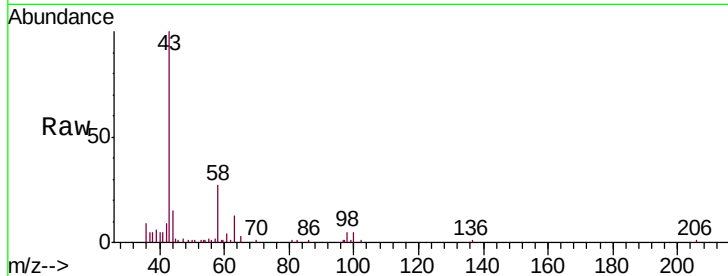
GAW06

Tgt Ion: 43 Resp: 24029

Ion Ratio Lower Upper

43 100

58 17.1 0.0 54.0



#35

Trichloroethene

Concen: 43.139 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Tgt Ion: 95 Resp: 552897

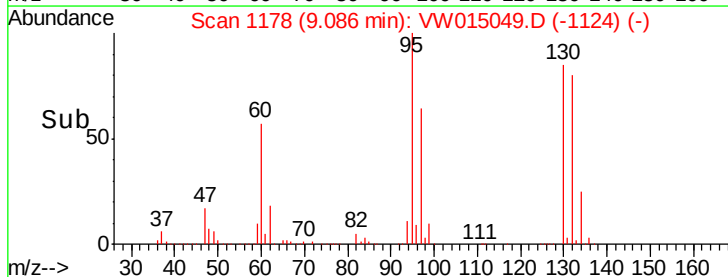
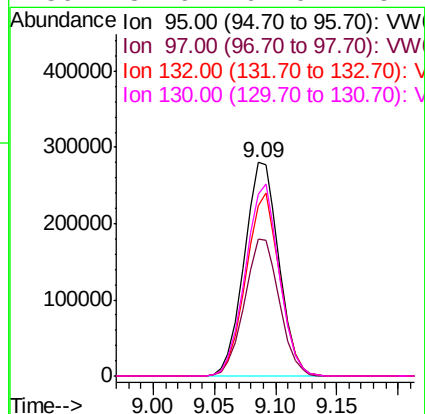
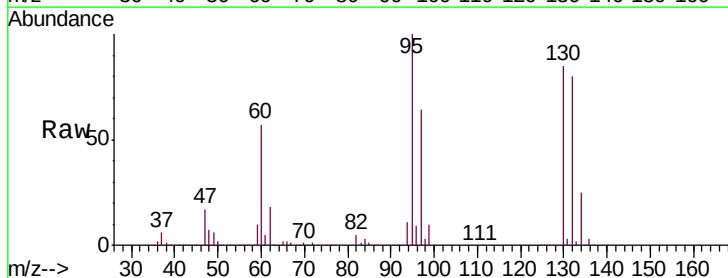
Ion Ratio Lower Upper

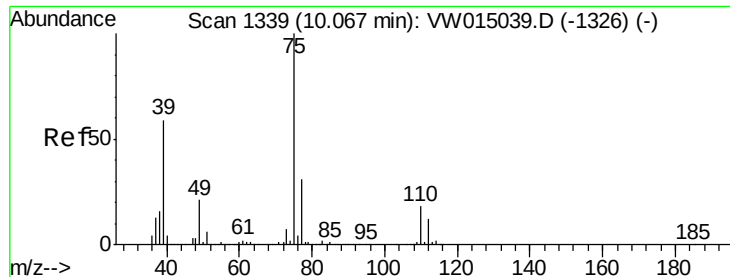
95 100

97 64.4 44.7 83.1

132 83.2 58.1 107.9

130 87.6 62.0 115.2





#42

cis-1,3-Dichloroprene

Concen: 0.565 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

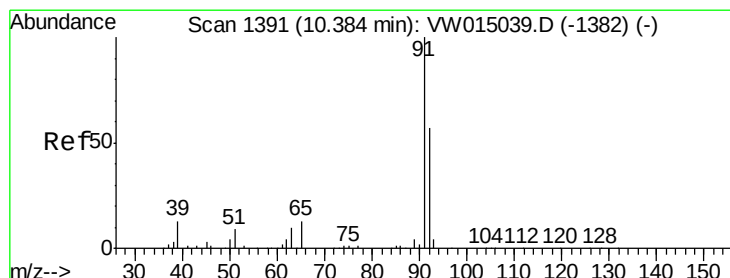
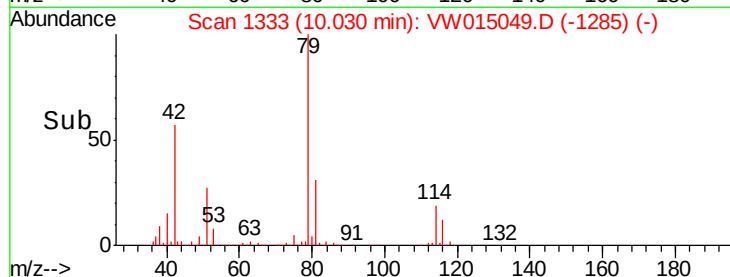
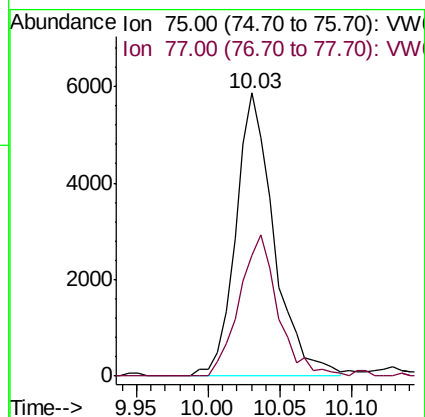
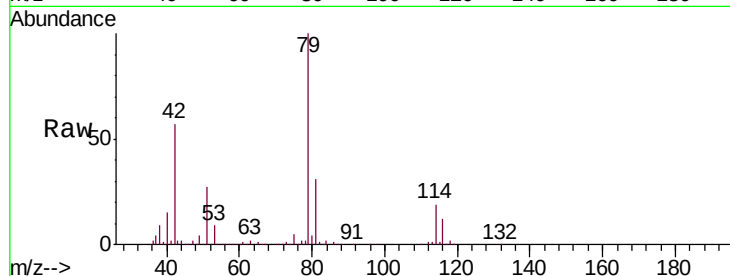
GAW06

Tgt Ion: 75 Resp: 10831

Ion Ratio Lower Upper

75 100

77 42.6 21.9 40.7#



#44

Toluene

Concen: 1.340 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VW015049.D

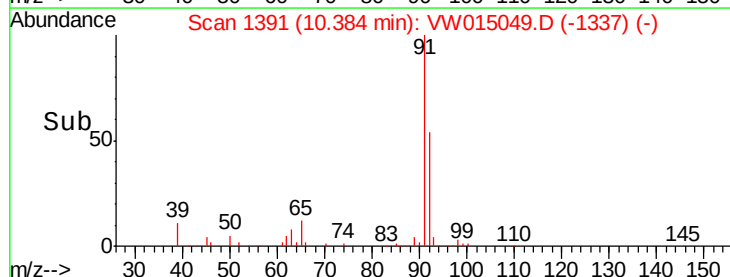
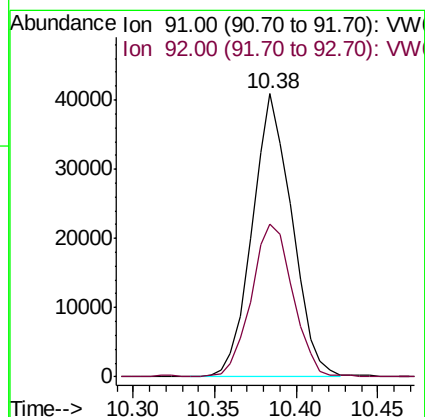
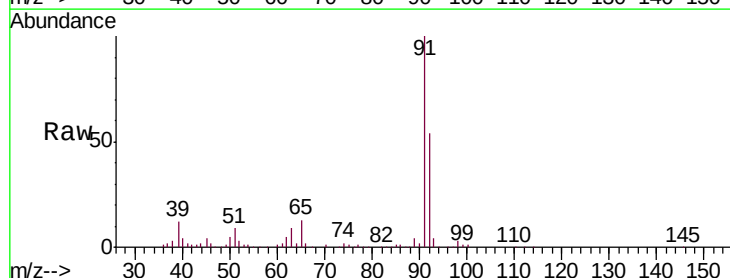
Acq: 26 Feb 2020 18:02

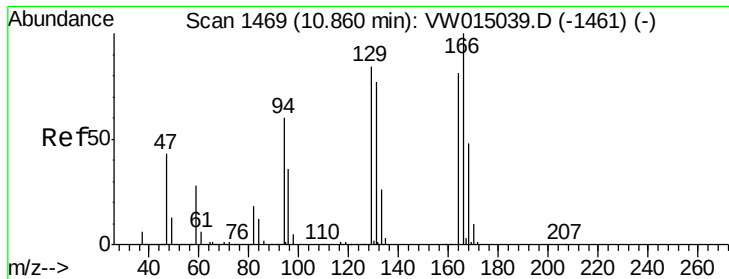
Tgt Ion: 91 Resp: 68951

Ion Ratio Lower Upper

91 100

92 53.8 40.5 75.1





#47

Tetrachloroethene

Concen: 801.633 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

GAW06

Tgt Ion:164 Resp: 6621778

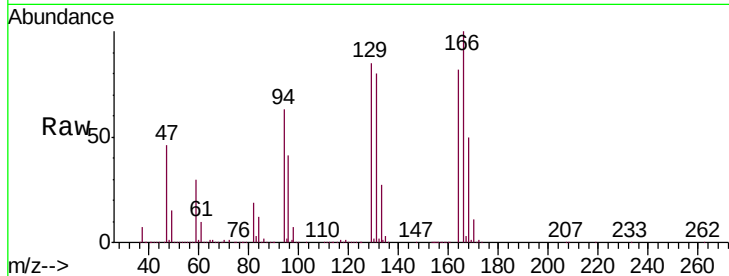
Ion Ratio Lower Upper

164 100

129 103.9 71.7 133.1

131 97.9 70.1 130.3

166 122.3 91.3 169.6

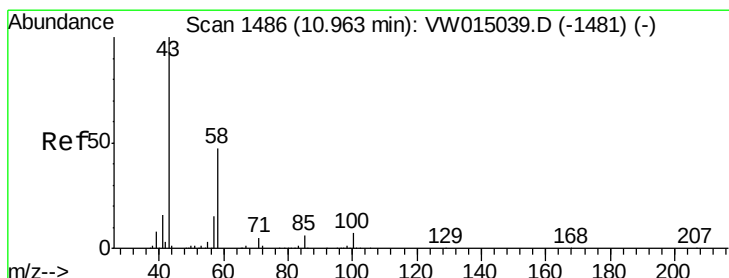
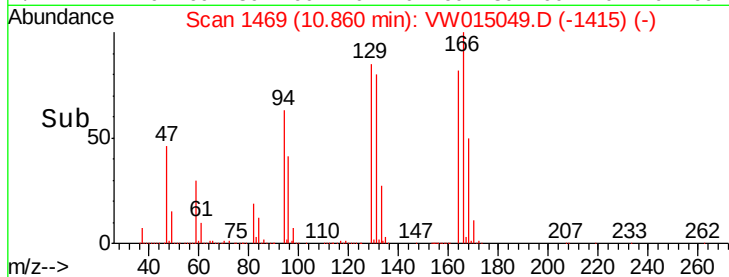
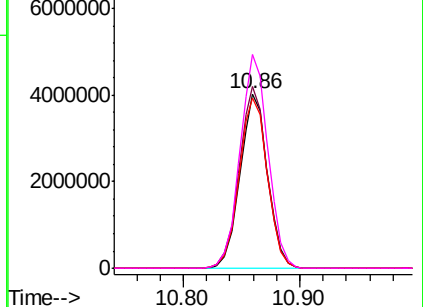


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#49

2-Hexanone

Concen: 3.157 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.04 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Tgt Ion: 43 Resp: 18836

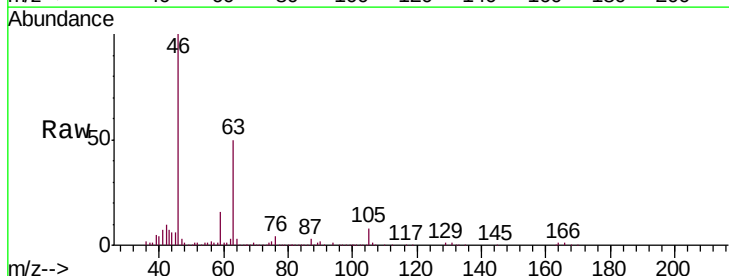
Ion Ratio Lower Upper

43 100

58 23.1 38.9 58.3#

57 22.3 13.4 20.2#

100 1.0 6.7 10.1#

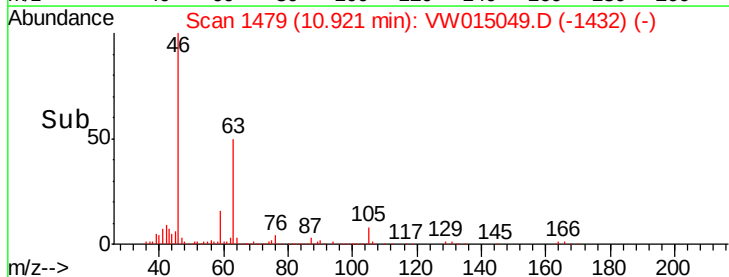
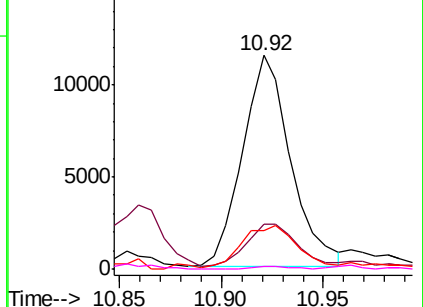


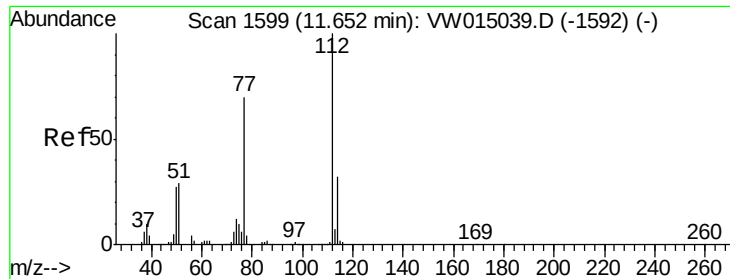
Abundance Ion 43.00 (42.70 to 43.70): VV

Ion 58.00 (57.70 to 58.70): VV

Ion 57.00 (56.70 to 57.70): VV

Ion 100.00 (99.70 to 100.70): VV





#52

Chlorobenzene

Concen: 0.369 ug/L

RT: 11.66 min Scan# 1600

Delta R.T. 0.01 min

Lab File: VW015049.D

Acq: 26 Feb 2020 18:02

Instrument :

MSVOA_W

ClientSampleId :

GAW06

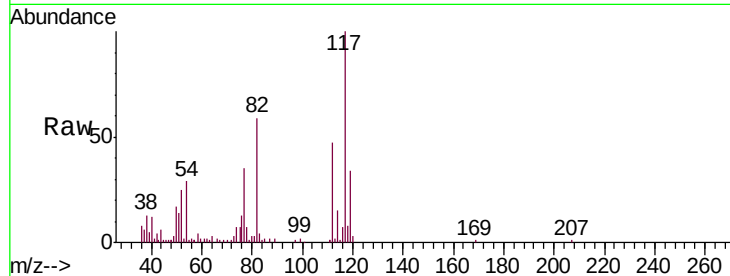
Tgt Ion: 112 Resp: 11163

Ion Ratio Lower Upper

112 100

77 74.4 57.0 85.6

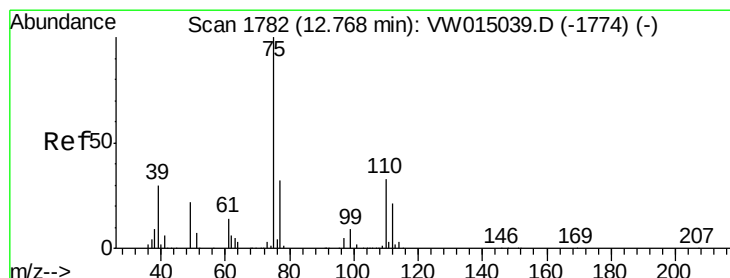
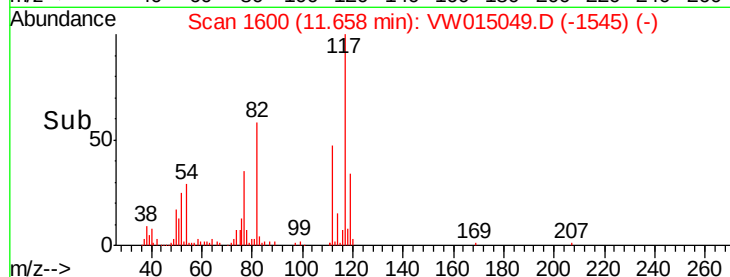
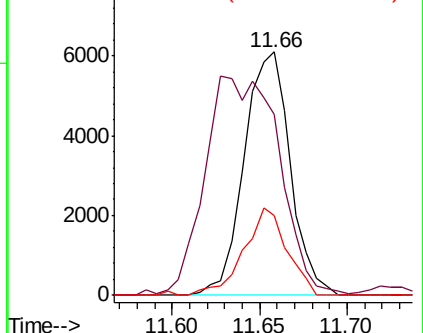
114 32.9 22.5 41.9



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: 5.537 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015049.D

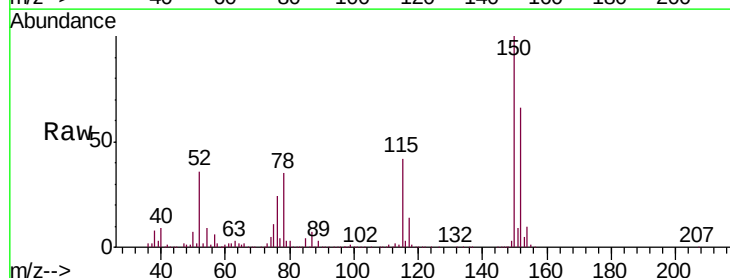
Acq: 26 Feb 2020 18:02

Tgt Ion: 75 Resp: 44469

Ion Ratio Lower Upper

75 100

77 37.8 25.4 38.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

