

Data File : VW015069.D
Acq On : 27 Feb 2020 17:40
Operator : SY/VA
Sample : L1686-02RE
Misc : 5.43G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
GAW01

Quant Time: Feb 28 04:03:07 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M
Quant Title : VOC Analysis
QLast Update : Fri Feb 28 03:59:49 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	578840	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	551849	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	191275	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	337322	23.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.20%
7) Chloroethane-d5	2.89	69	251243	24.07	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.28%
10) 1,1-Dichloroethene-d2	4.14	63	858	0.04	ug/L	0.12
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.16%#
20) 2-Butanone-d5	7.07	46	168953	69.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	139.62%#
24) Chloroform-d	7.65	84	525730	27.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.56%
26) 1,2-Dichloroethane-d4	8.31	65	326001	30.64	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	122.56%
29) Benzene-d6	8.27	84	1037708	27.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.44%
33) 1,2-Dichloropropane-d6	9.27	67	368446	29.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.08%
37) Toluene-d8	10.32	98	856080	27.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.24%
38) trans-1,3-Dichloropropene-	10.57	79	132944	28.33	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	113.32%
39) 2-Hexanone-d5	10.92	63	119380	71.02	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	142.04%#
48) 1,1,2,2-Tetrachloroethane-	12.69	84	265504	32.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	129.48%#
61) 1,2-Dichlorobenzene-d4	13.85	152	229000	32.68	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.72%#

Target Compounds

						Qvalue
5) Vinyl chloride	2.36	62	101230	6.910	ug/L	92
13) Acetone	4.12	43	20238	7.070	ug/L	96
18) trans-1,2-Dichloroethene	5.42	96	34597	3.868	ug/L	94
22) cis-1,2-Dichloroethene	7.17	96	1934560	212.541	ug/L	93
35) Trichloroethene	9.09	95	279739	28.171	ug/L	99
44) Toluene	10.38	91	15828	0.397	ug/L	97
45) trans-1,3-Dichloropropene	10.57	75	6303	0.525	ug/L	87
47) Tetrachloroethene	10.86	164	4502	0.703	ug/L	91
59) 1,2,3-Trichloropropane	13.55	75	31808	5.112	ug/L	94

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

Data File : VW015069.D

Acq On : 27 Feb 2020 17:40

Operator : SY/VA

Sample : L1686-02RE

Misc : 5.43G/10ML/MSVOA W/SOIL

```
ALS Vial      : 19      Sample Multiplier: 1
```

Instrument :
MSVOA_W
ClientSampleId :
GAW01

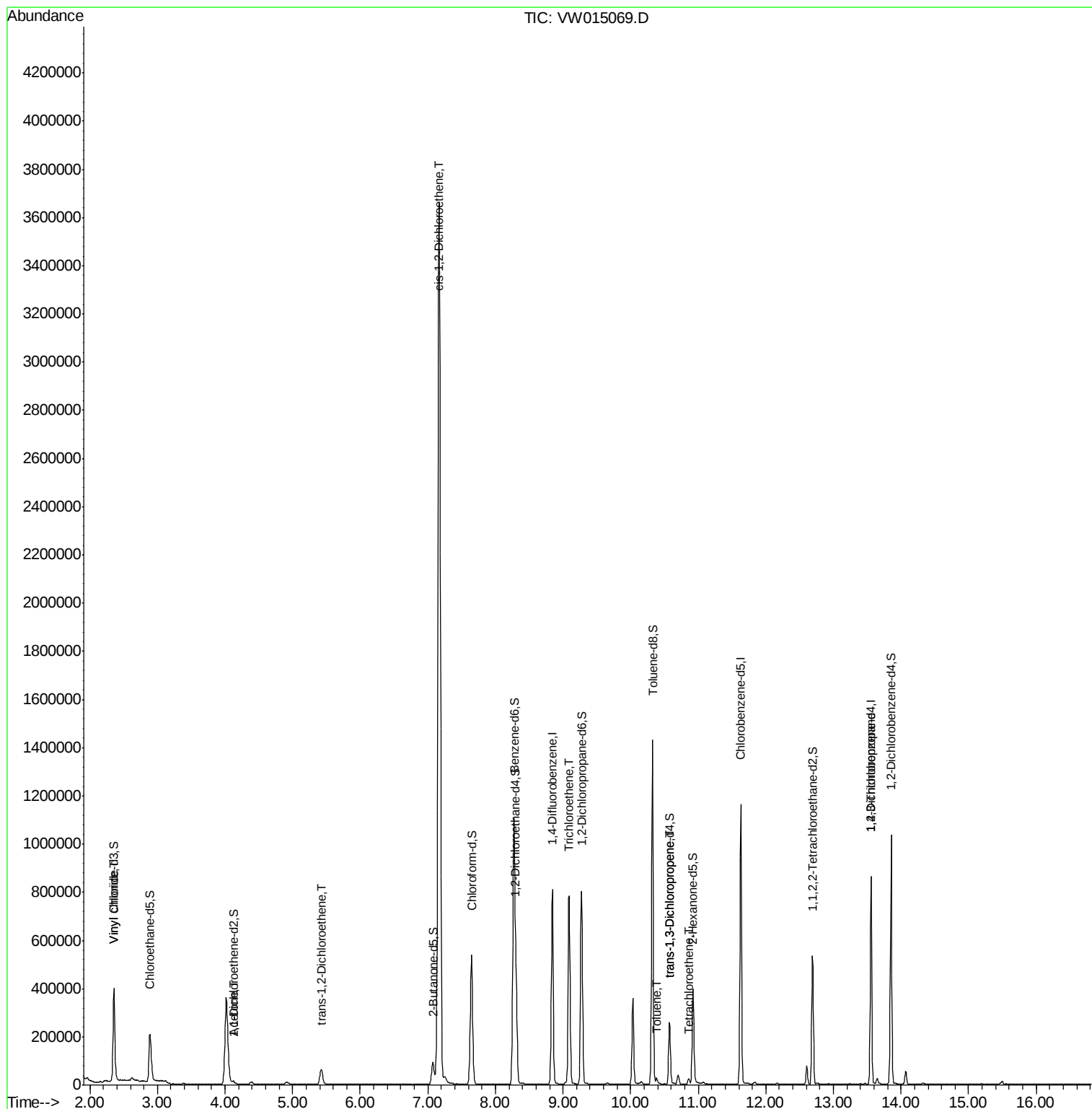
Quant Time: Feb 28 04:03:07 2020

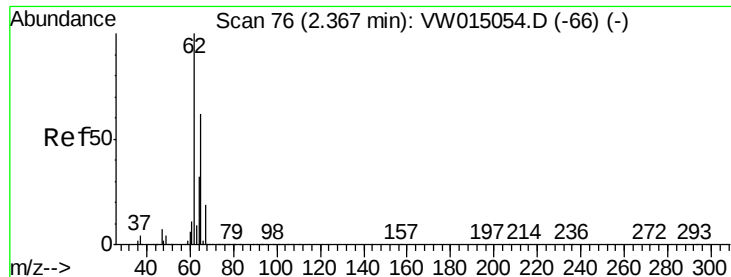
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM022420S.M

Quant Title : VOC Analysis

QLast Update : Fri Feb 28 03:59:49 2020

Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.910 ug/L

RT: 2.36 min Scan# 75

Delta R.T. -0.01 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

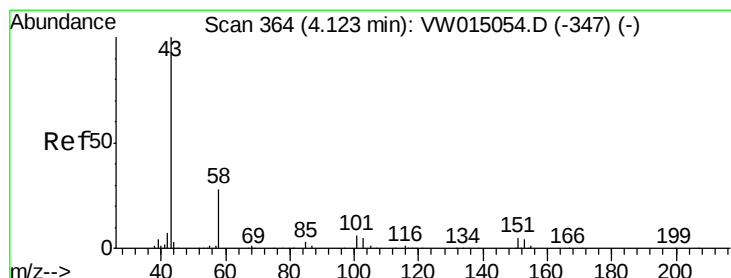
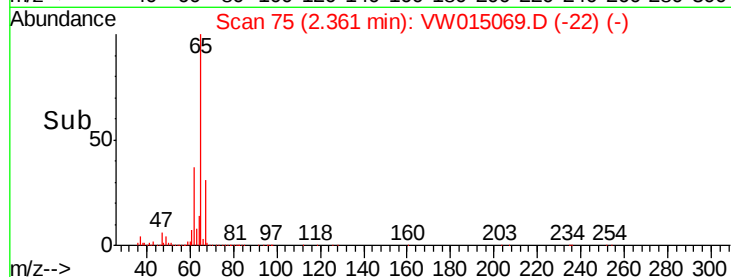
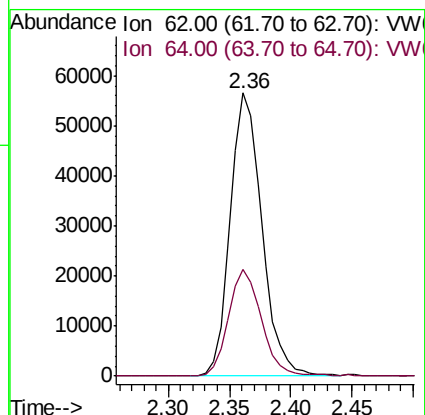
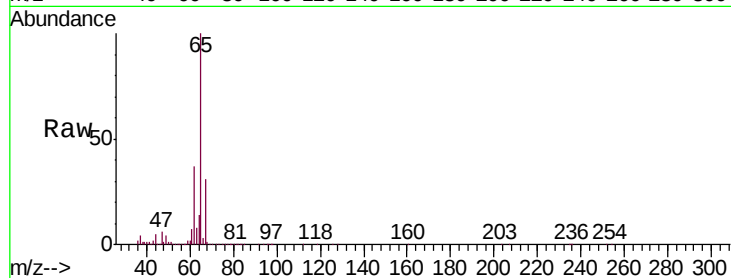
GAW01

Tgt Ion: 62 Resp: 101230

Ion Ratio Lower Upper

62 100

64 37.6 23.0 42.8



#13

Acetone

Concen: 7.070 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW015069.D

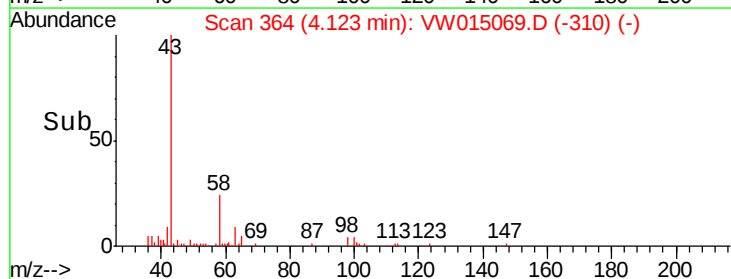
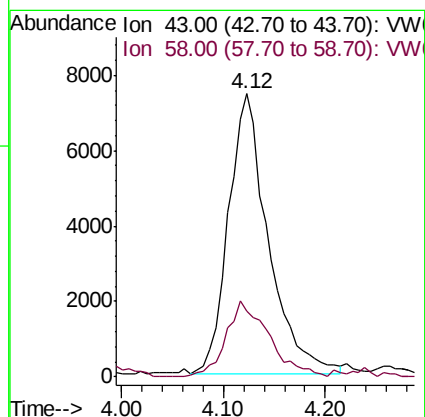
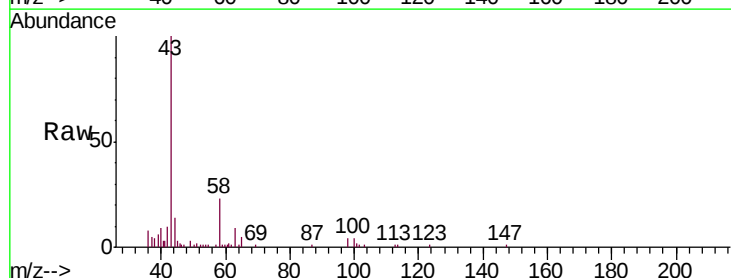
Acq: 27 Feb 2020 17:40

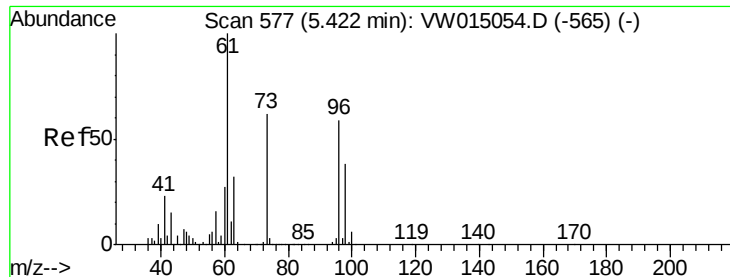
Tgt Ion: 43 Resp: 20238

Ion Ratio Lower Upper

43 100

58 29.3 0.0 54.0





#18

trans-1,2-Dichloroethene

Concen: 3.868 ug/L

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

Instrument :

MSVOA_W

ClientSampled :

GAW01

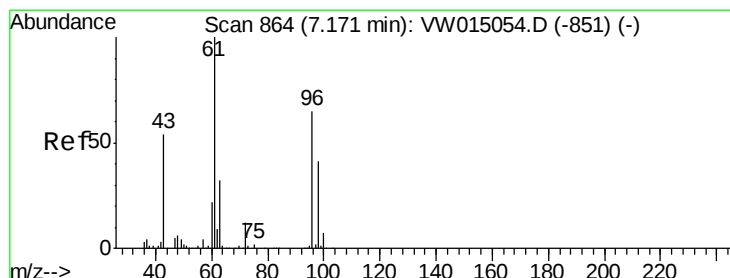
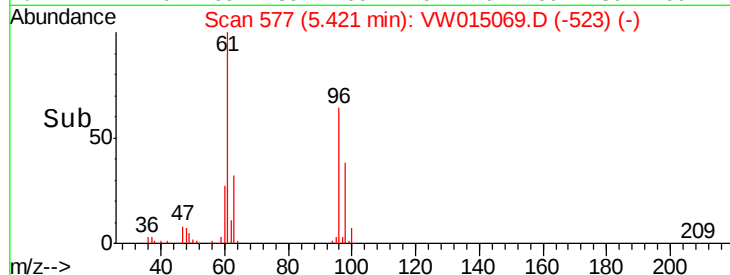
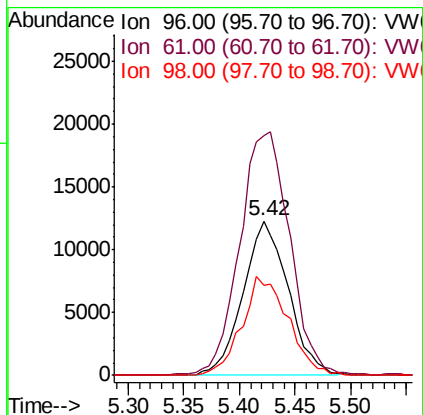
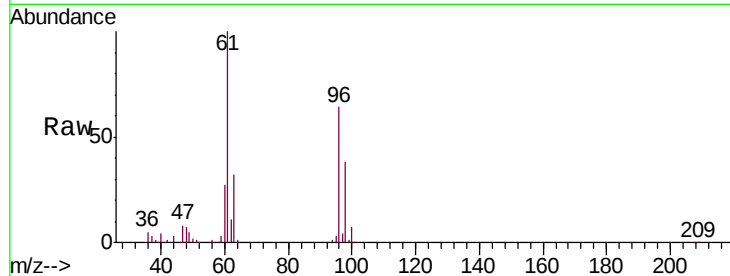
Tgt Ion: 96 Resp: 34597

Ion Ratio Lower Upper

96 100

61 155.6 115.1 213.8

98 58.6 44.0 81.6



#22

cis-1,2-Dichloroethene

Concen: 212.541 ug/L

RT: 7.17 min Scan# 863

Delta R.T. -0.01 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

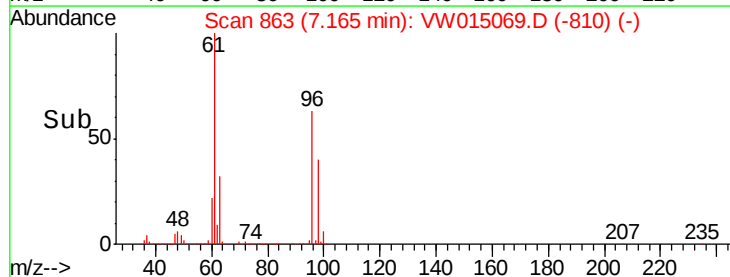
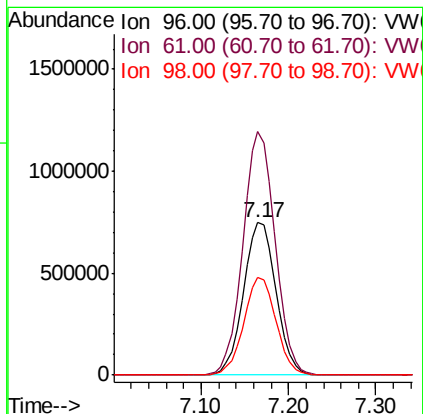
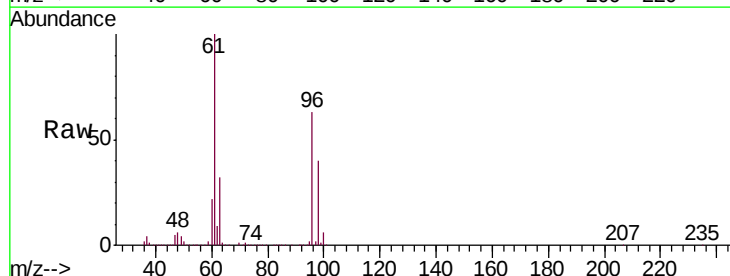
Tgt Ion: 96 Resp: 1934560

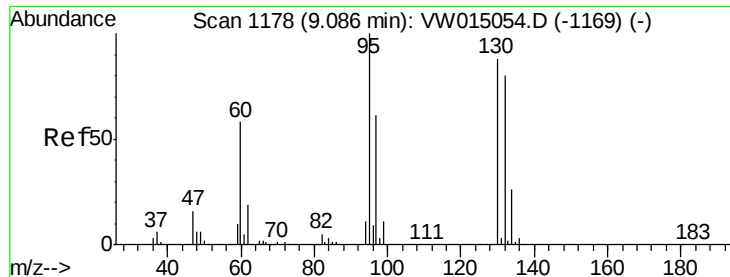
Ion Ratio Lower Upper

96 100

61 159.7 105.2 195.4

98 64.3 42.6 79.2





#35

Trichloroethene

Concen: 28.171 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. -0.00 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

Instrument :

MSVOA_W

ClientSampled :

GAW01

Tgt Ion: 95 Resp: 279739

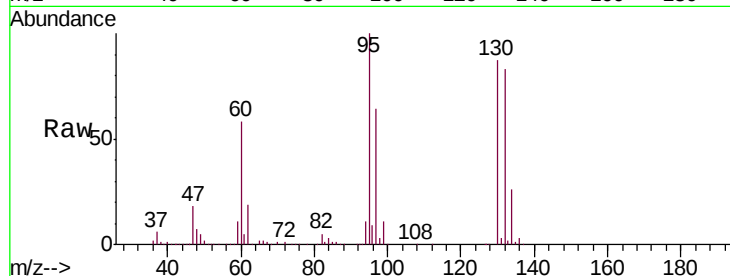
Ion Ratio Lower Upper

95 100

97 64.3 44.7 83.1

132 84.2 58.1 107.9

130 88.0 62.0 115.2

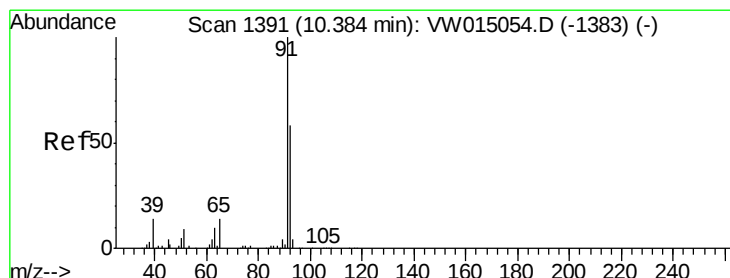
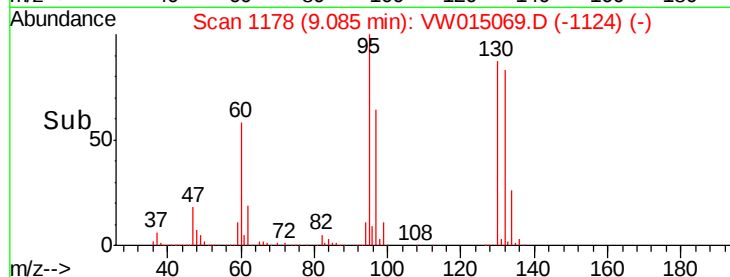
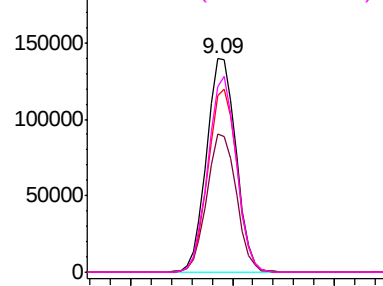


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#44

Toluene

Concen: 0.397 ug/L

RT: 10.38 min Scan# 1391

Delta R.T. -0.00 min

Lab File: VW015069.D

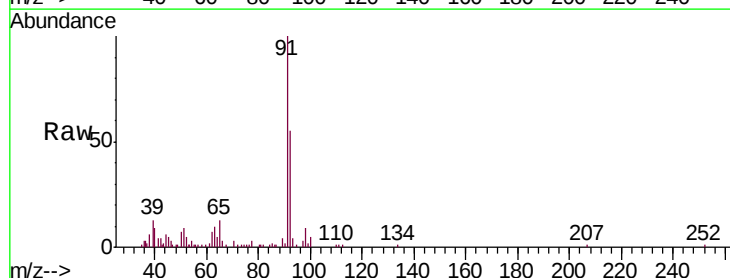
Acq: 27 Feb 2020 17:40

Tgt Ion: 91 Resp: 15828

Ion Ratio Lower Upper

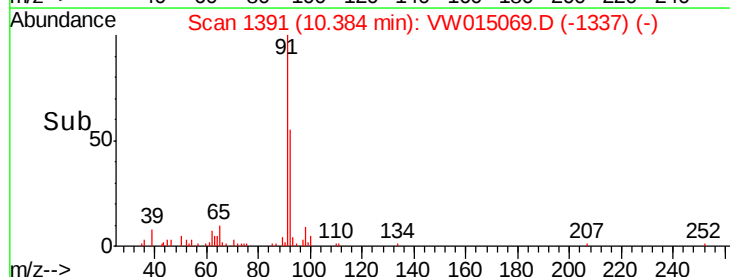
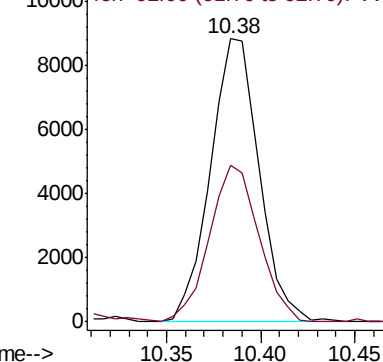
91 100

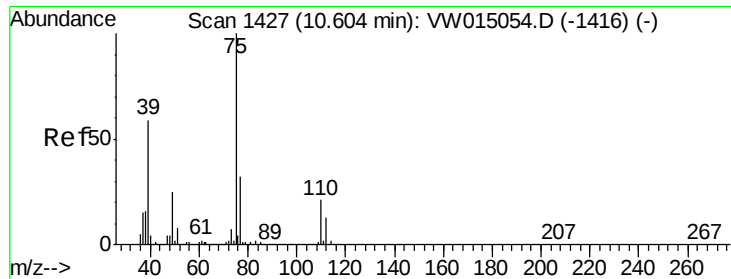
92 55.3 40.5 75.1



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 92.00 (91.70 to 92.70): VW





#45

trans-1,3-Dichloropropene

Concen: 0.525 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

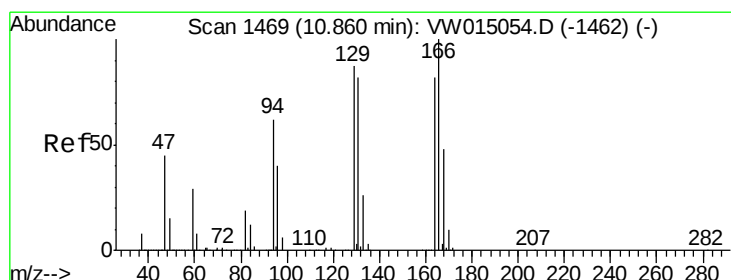
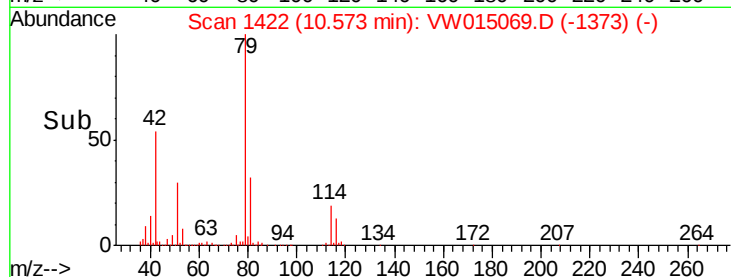
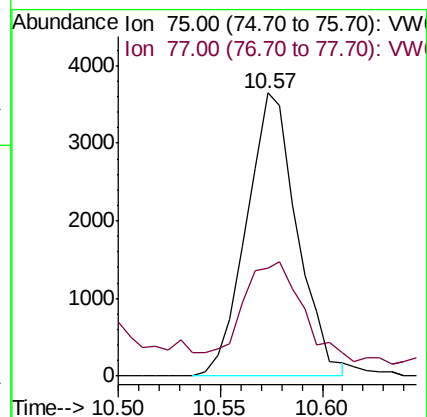
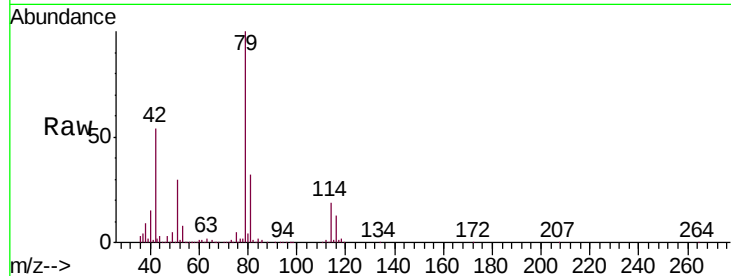
GAW01

Tgt Ion: 75 Resp: 6303

Ion Ratio Lower Upper

75 100

77 38.3 21.6 40.2



#47

Tetrachloroethene

Concen: 0.703 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

Tgt Ion: 164 Resp: 4502

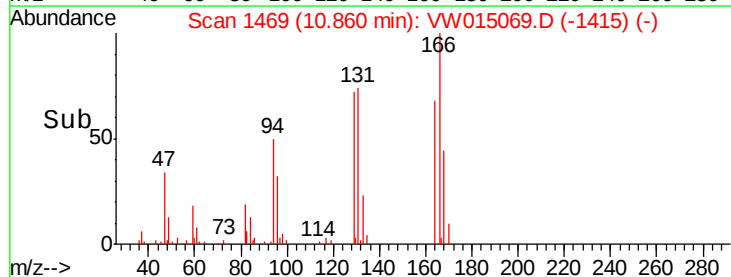
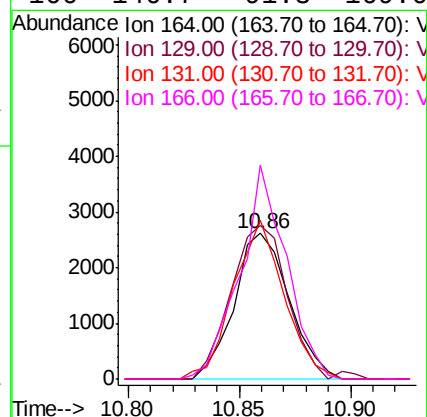
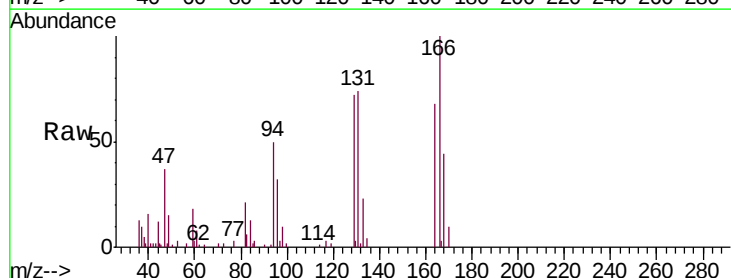
Ion Ratio Lower Upper

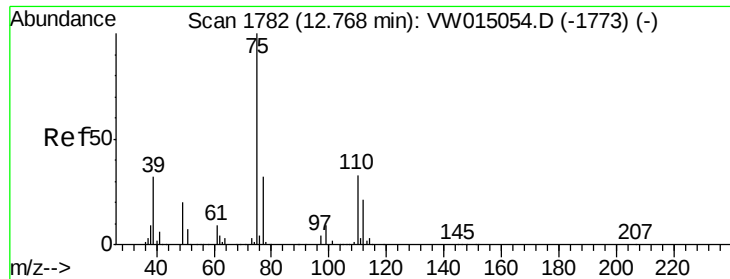
164 100

129 105.6 71.7 133.1

131 108.7 70.1 130.3

166 146.7 91.3 169.6





#59

1,2,3-Trichloropropane

Concen: 5.112 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW015069.D

Acq: 27 Feb 2020 17:40

Instrument :

MSVOA_W

ClientSampleId :

GAW01

Tgt Ion: 75 Resp: 31808

Ion Ratio Lower Upper

75 100

77 35.3 25.4 38.0

