

Data File : VV011038.D
Acq On : 23 May 2019 20:21
Operator : SY/MD
Sample : K3016-05
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C4

Quant Time: May 24 08:20:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	83949	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	84770	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	27910	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	16714	17.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.84%
7) Chloroethane-d5	1.57	69	13745	21.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.84%
10) 1,1-Dichloroethene-d2	2.12	63	25344	13.77	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	55.08%
20) 2-Butanone-d5	3.94	46	28536	86.41	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	172.82%#
24) Chloroform-d	4.40	84	55317	25.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.76%
26) 1,2-Dichloroethane-d4	5.08	65	34866	27.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.84%
29) Benzene-d6	5.09	84	103410	22.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.40%
33) 1,2-Dichloropropane-d6	6.12	67	37790	25.70	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.80%
37) Toluene-d8	7.36	98	83552	19.42	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.68%
38) trans-1,3-Dichloropropene-	7.66	79	13942	23.09	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.36%
39) 2-Hexanone-d5	8.13	63	22894	83.47	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	166.94%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	44835	30.54	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	122.16%#
61) 1,2-Dichlorobenzene-d4	11.67	152	25831	22.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.16%

Target Compounds

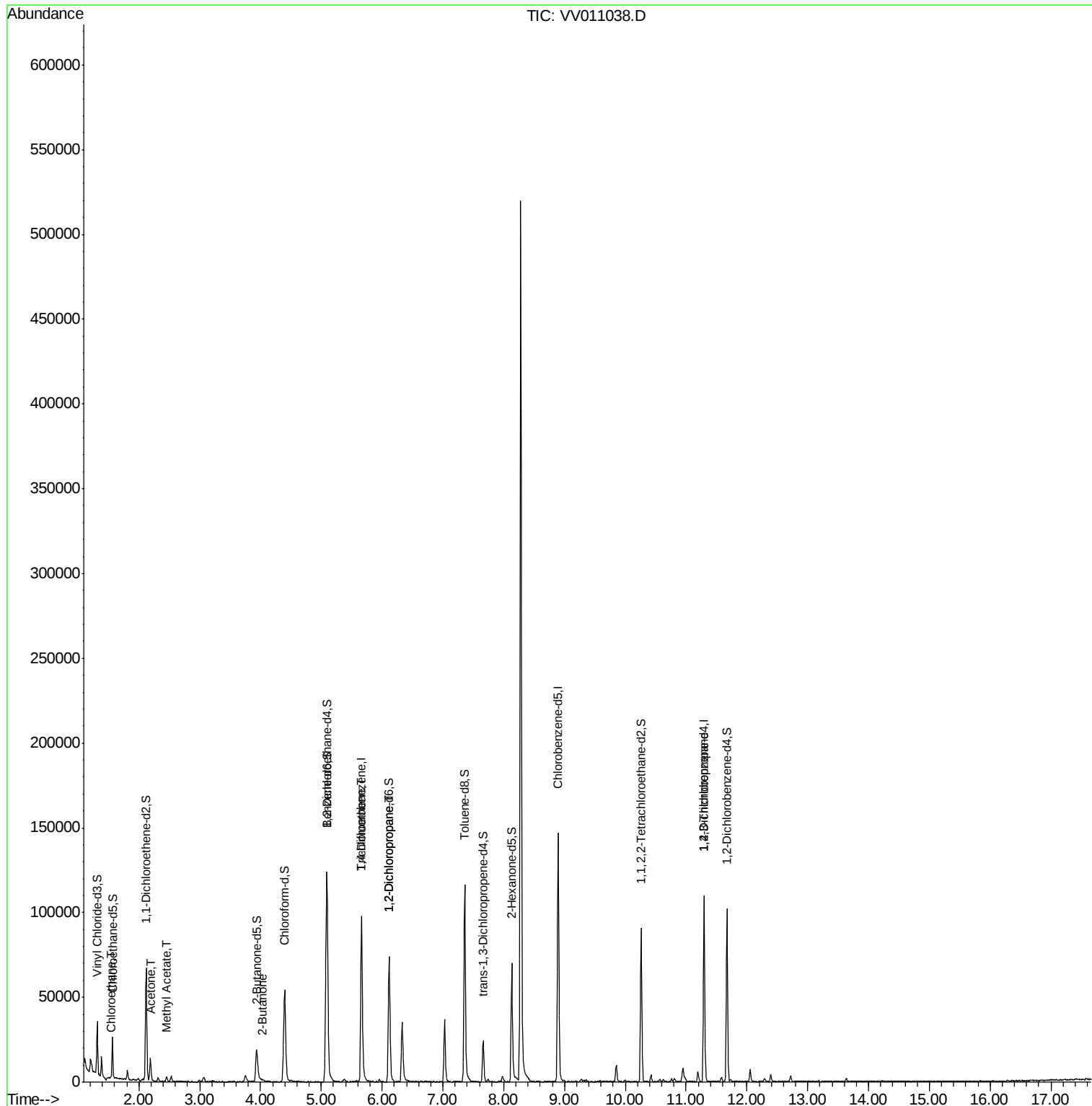
					Qvalue
8) Chloroethane	1.53	64	914	1.620 ug/L #	46
13) Acetone	2.19	43	12014	37.725 ug/L	86
15) Methyl Acetate	2.46	43	2882	4.710 ug/L	97
21) 2-Butanone	4.05	43	1422	3.263 ug/L	75
35) Trichloroethene	5.66	95	2569	1.903 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	3997	3.112 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	3755	3.547 ug/L	95

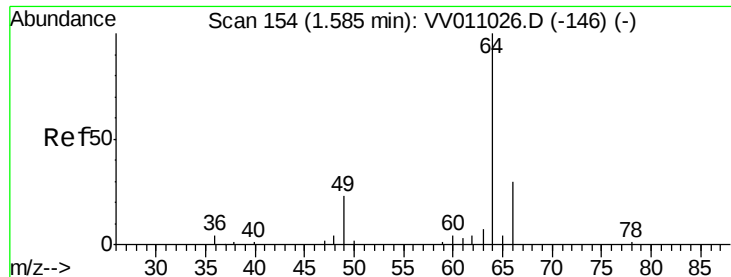
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011038.D
Acq On : 23 May 2019 20:21
Operator : SY/MD
Sample : K3016-05
Misc : 5.60G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C4

Quant Time: May 24 08:20:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 08:16:13 2019
Response via : Initial Calibration





#8

Chloroethane

Concen: 1.620 ug/L

RT: 1.53 min Scan# 137

Delta R.T. -0.05 min

Lab File: VV011038.D

Acq: 23 May 2019 20:21

Instrument :

MSVOA_V

ClientSampleId :

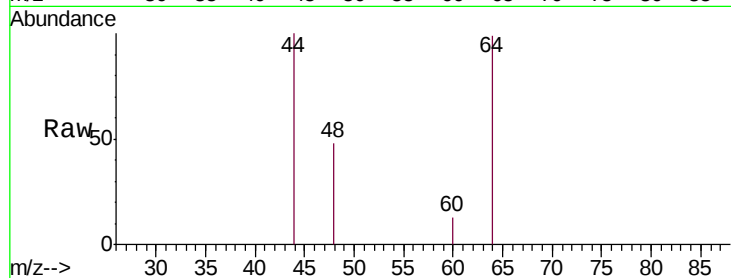
A51C4

Tgt Ion: 64 Resp: 914

Ion Ratio Lower Upper

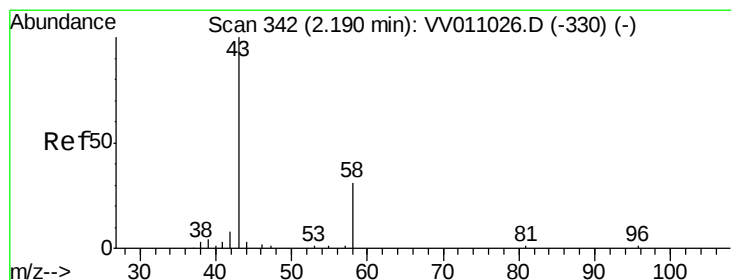
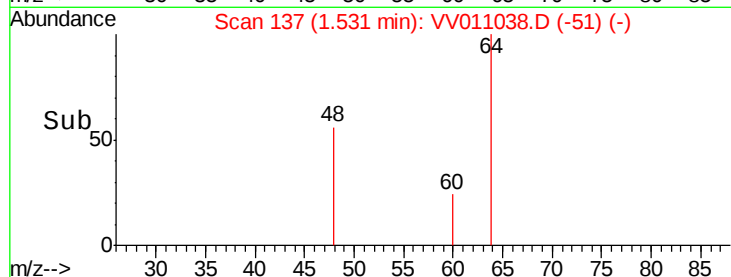
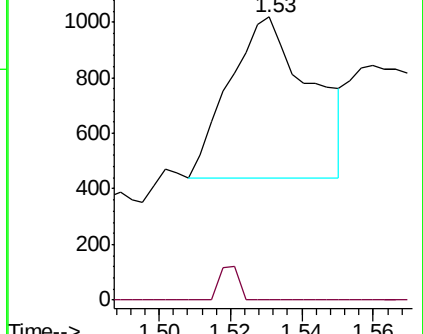
64 100

66 0.0 20.4 37.8#



Abundance Ion 64.00 (63.70 to 64.70): VV0

Ion 66.00 (65.70 to 66.70): VV0



#13

Acetone

Concen: 37.725 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011038.D

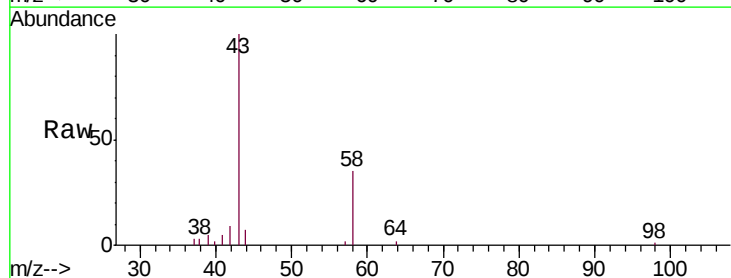
Acq: 23 May 2019 20:21

Tgt Ion: 43 Resp: 12014

Ion Ratio Lower Upper

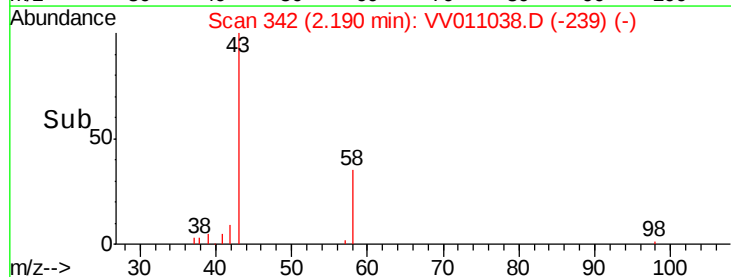
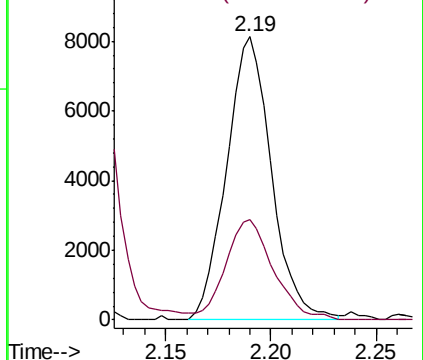
43 100

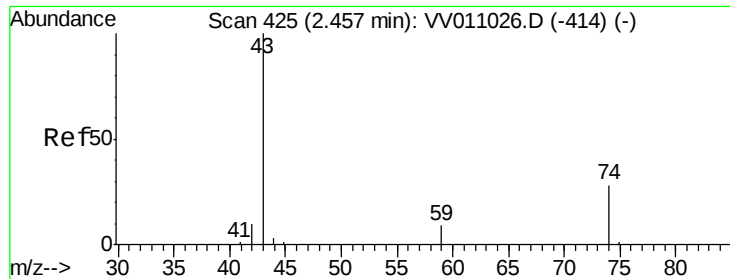
58 37.8 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0

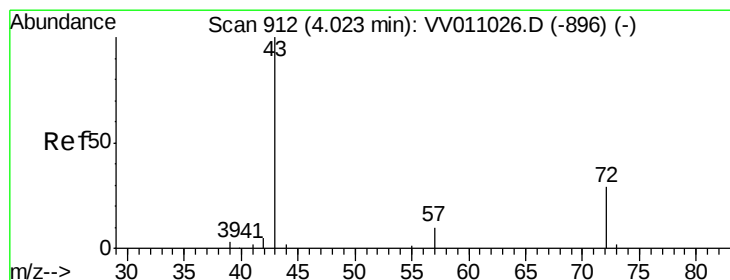
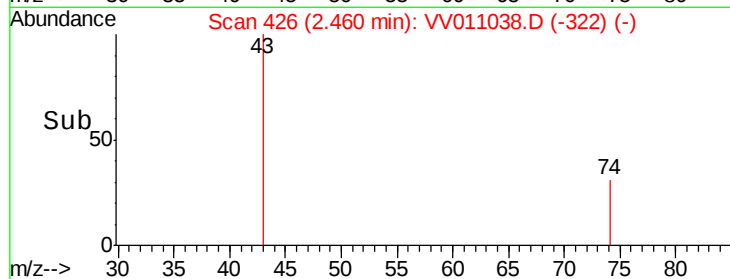
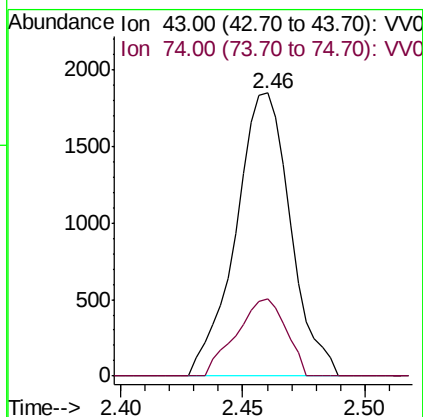
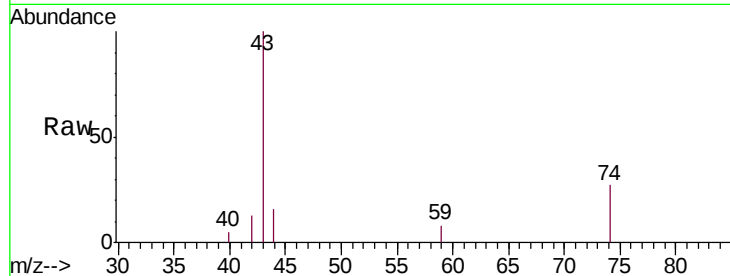




#15
Methyl Acetate
Concen: 4.710 ug/L
RT: 2.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: VV011038.D
Acq: 23 May 2019 20:21

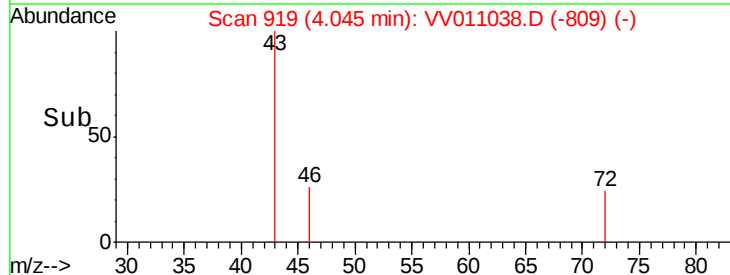
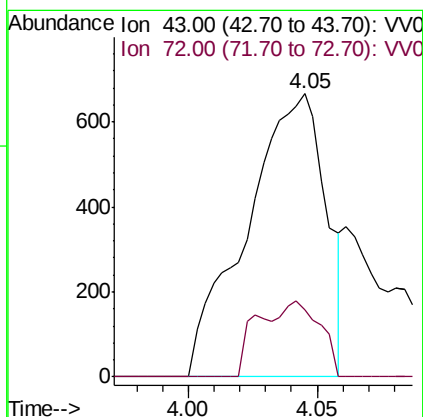
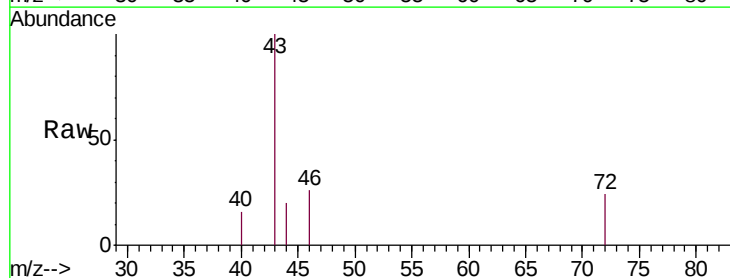
Instrument :
MSVOA_V
ClientSampled :
A51C4

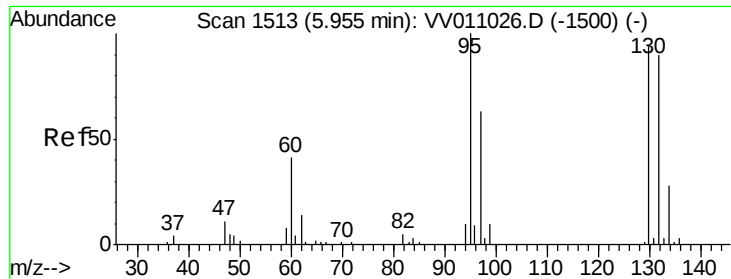
Tgt Ion: 43 Resp: 2882
Ion Ratio Lower Upper
43 100
74 24.8 21.1 31.7



#21
2-Butanone
Concen: 3.263 ug/L
RT: 4.05 min Scan# 919
Delta R.T. 0.02 min
Lab File: VV011038.D
Acq: 23 May 2019 20:21

Tgt Ion: 43 Resp: 1422
Ion Ratio Lower Upper
43 100
72 13.6 13.1 39.3





#35

Trichloroethene

Concen: 1.903 ug/L

RT: 5.66 min Scan# 1420

Delta R.T. -0.30 min

Lab File: VV011038.D

Acq: 23 May 2019 20:21

Instrument :

MSVOA_V

ClientSampleId :

A51C4

Tgt Ion: 95 Resp: 2569

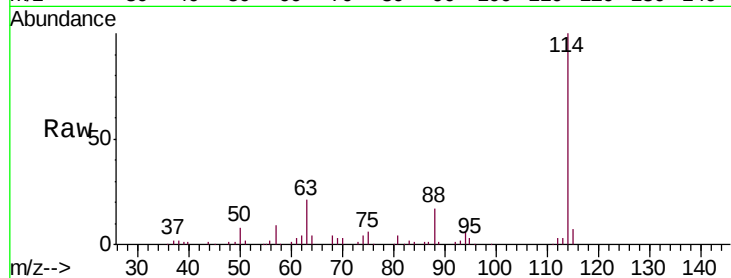
Ion Ratio Lower Upper

95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#

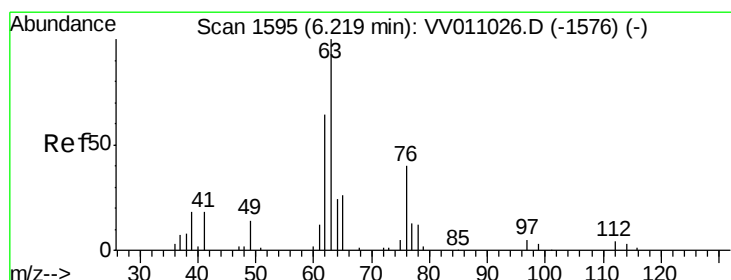
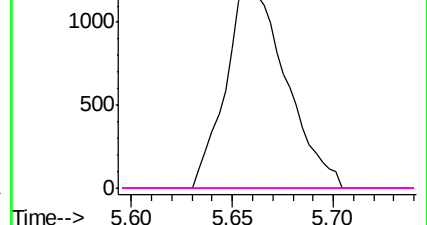
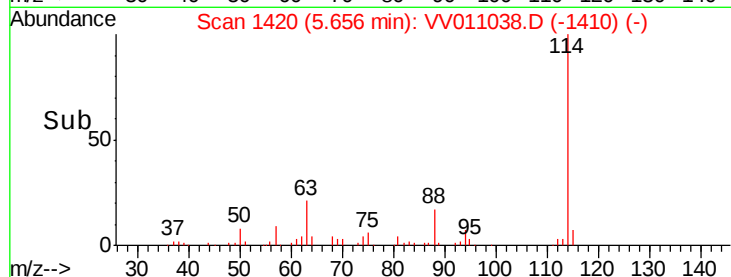


Abundance Ion 95.00 (94.70 to 95.70): VV011038.D (-1410) (-)

Ion 97.00 (96.70 to 97.70): VV011038.D (-1410) (-)

Ion 132.00 (131.70 to 132.70): VV011038.D (-1410) (-)

Ion 130.00 (129.70 to 130.70): VV011038.D (-1410) (-)



#40

1,2-Dichloropropane

Concen: 3.112 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.11 min

Lab File: VV011038.D

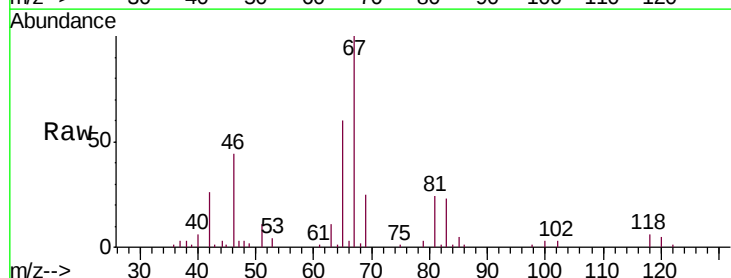
Acq: 23 May 2019 20:21

Tgt Ion: 63 Resp: 3997

Ion Ratio Lower Upper

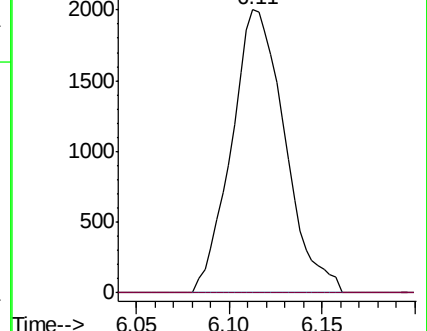
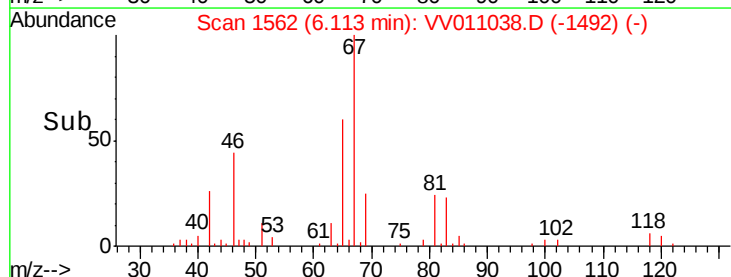
63 100

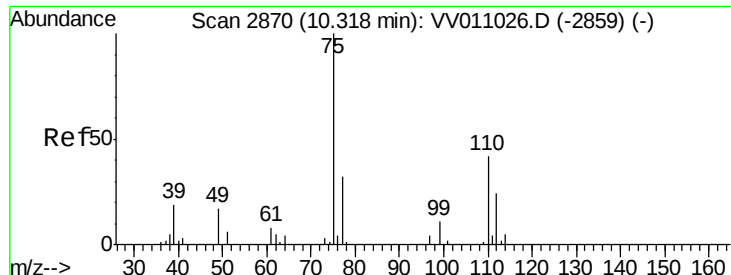
112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VV011038.D (-1492) (-)

Ion 112.00 (111.70 to 112.70): VV011038.D (-1492) (-)





#59

1,2,3-Trichloropropane

Concen: 3.547 ug/L

RT: 11.29 min Scan# 3173

Delta R.T. 0.97 min

Lab File: VV011038.D

Acq: 23 May 2019 20:21

Instrument :

MSVOA_V

ClientSampleId :

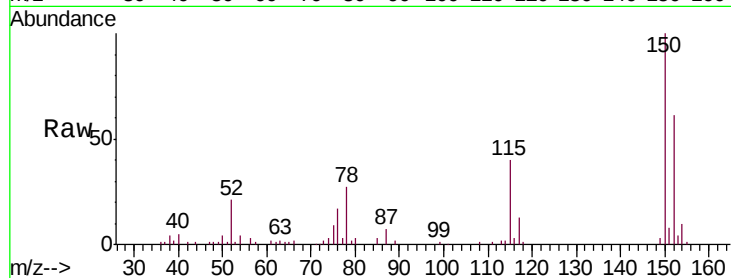
A51C4

Tgt Ion: 75 Resp: 3755

Ion Ratio Lower Upper

75 100

77 34.7 25.4 38.2



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

