

Data File : VV011052.D
Acq On : 24 May 2019 05:03
Operator : SY/MD
Sample : K3016-20
Misc : 4.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D7

Quant Time: May 24 09:07:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM052019S.M
Quant Title : VOC Analysis
QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	104298	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	98885	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	30167	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	20404	17.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.64%
7) Chloroethane-d5	1.55	69	15241	18.93	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.72%
10) 1,1-Dichloroethene-d2	2.11	63	27616	12.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.32%
20) 2-Butanone-d5	3.93	46	30235	73.69	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	147.38%#
24) Chloroform-d	4.39	84	59413	21.99	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.96%
26) 1,2-Dichloroethane-d4	5.07	65	36921	23.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.76%
29) Benzene-d6	5.09	84	118987	22.04	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.16%
33) 1,2-Dichloropropane-d6	6.11	67	41561	24.23	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.92%
37) Toluene-d8	7.36	98	100291	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	79.92%
38) trans-1,3-Dichloropropene-	7.66	79	15051	21.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.48%
39) 2-Hexanone-d5	8.13	63	25264	78.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	157.94%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	50696	29.60	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.40%
61) 1,2-Dichlorobenzene-d4	11.67	152	27424	22.39	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	89.56%

Target Compounds

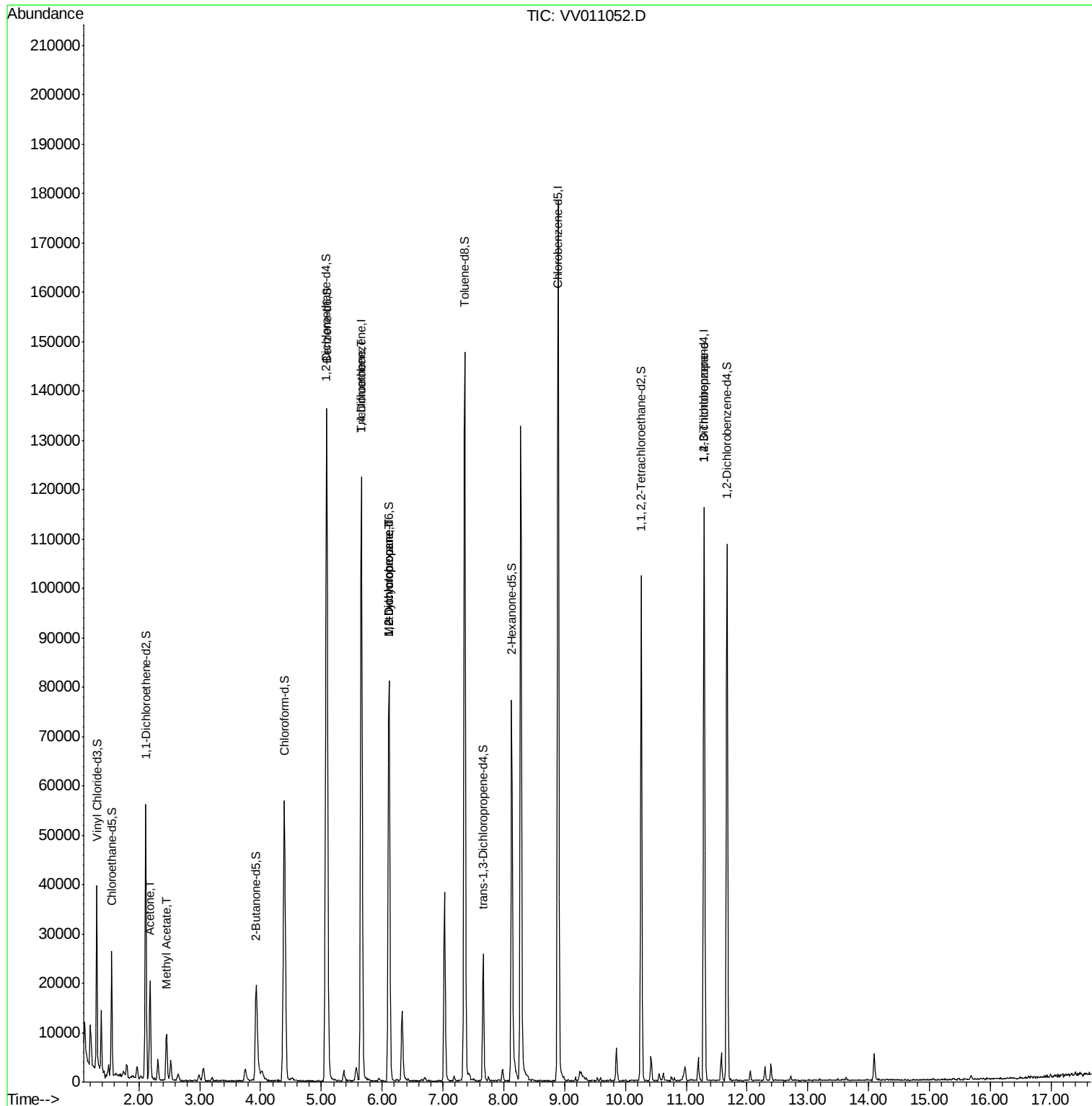
						Qvalue
13) Acetone	2.18	43	18438	46.601	ug/L	94
15) Methyl Acetate	2.45	43	10825	14.240	ug/L	95
35) Trichloroethene	5.66	95	3085	1.959	ug/L #	5
36) Methylcyclohexane	6.11	83	9524	4.090	ug/L #	21
40) 1,2-Dichloropropane	6.11	63	4375	2.920	ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	3978	3.222	ug/L	97

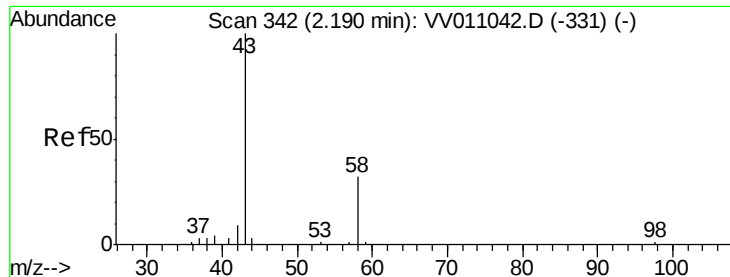
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri May 24 09:03:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 46.601 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Acq: 24 May 2019 05:03

Instrument :

MSVOA_V

ClientSampleId :

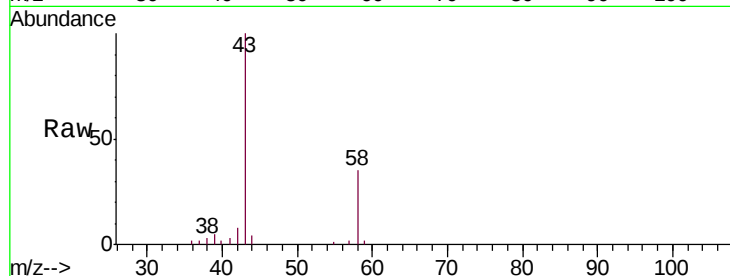
A51D7

Tgt Ion: 43 Resp: 18438

Ion Ratio Lower Upper

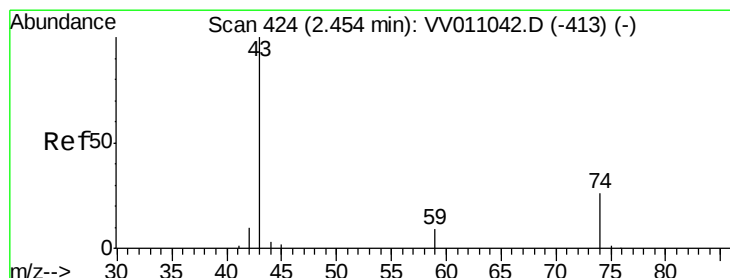
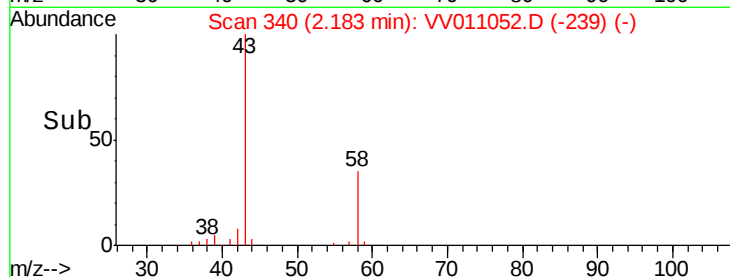
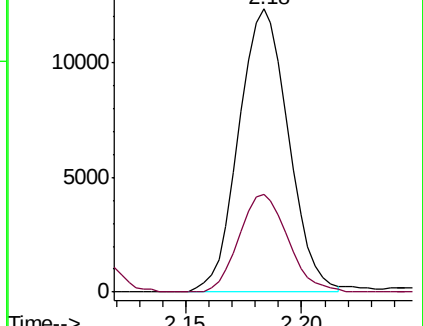
43 100

58 33.9 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV011042.D (-331) (-)



#15

Methyl Acetate

Concen: 14.240 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV011052.D

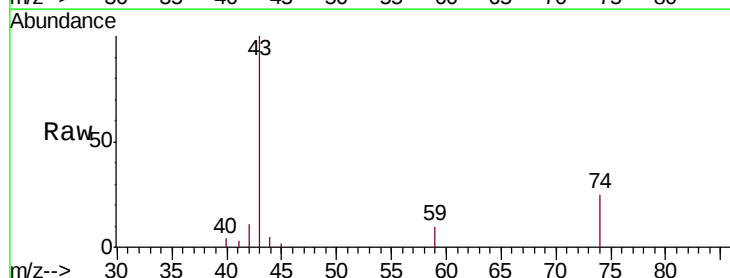
Acq: 24 May 2019 05:03

Tgt Ion: 43 Resp: 10825

Ion Ratio Lower Upper

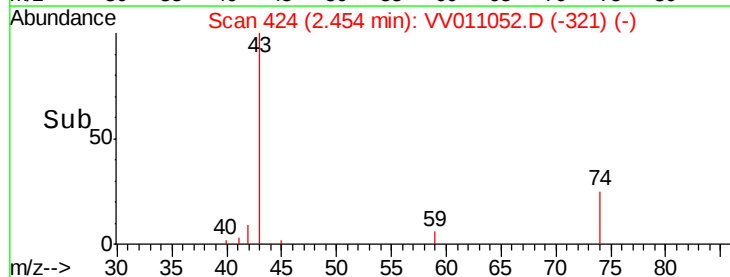
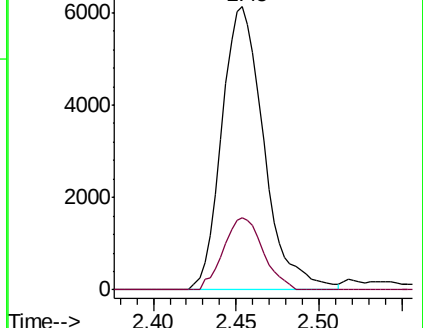
43 100

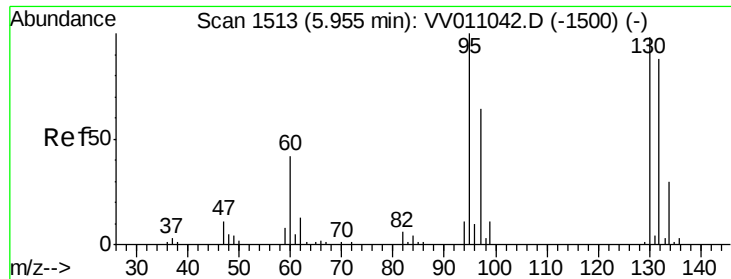
74 23.9 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011042.D (-413) (-)

Ion 74.00 (73.70 to 74.70): VV011042.D (-413) (-)

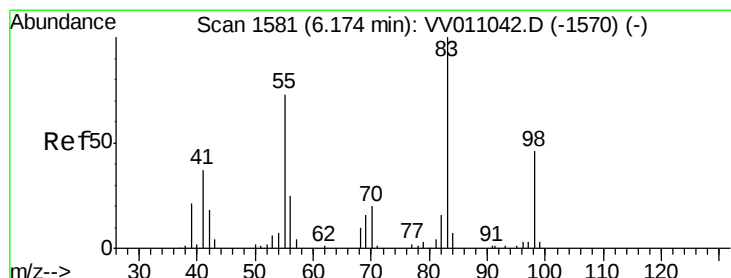
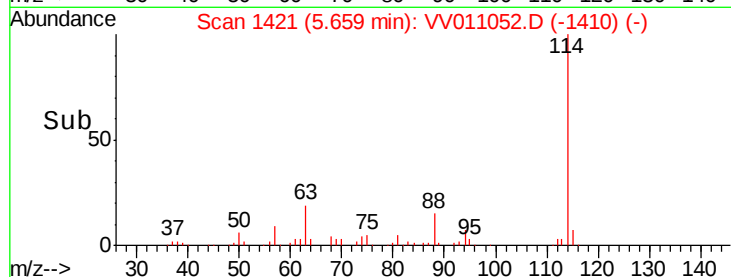
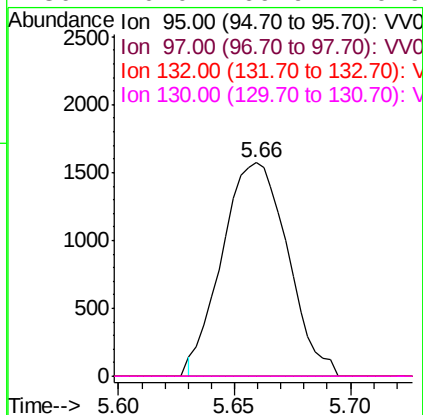
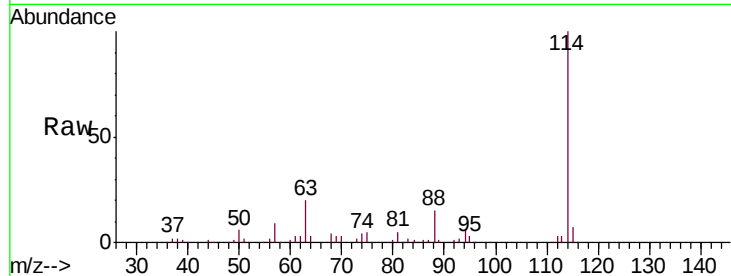




#35
 Trichloroethene
 Concen: 1.959 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV011052.D
 Acq: 24 May 2019 05:03

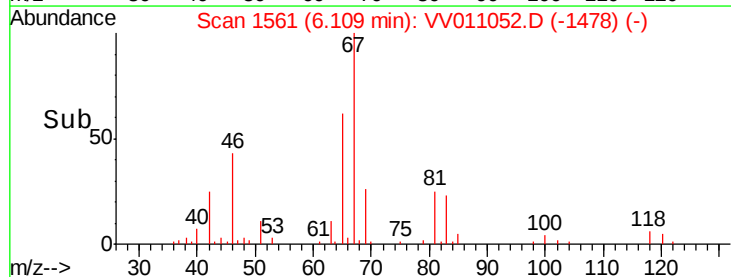
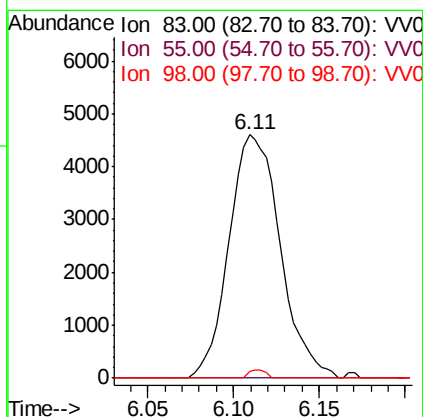
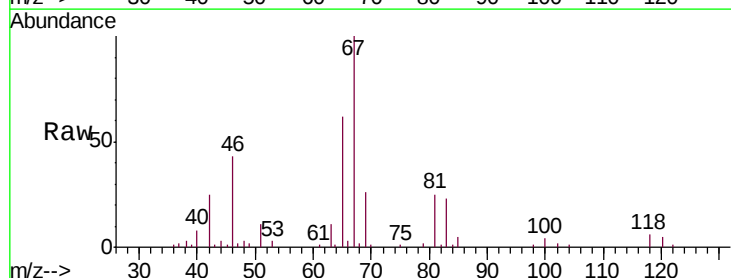
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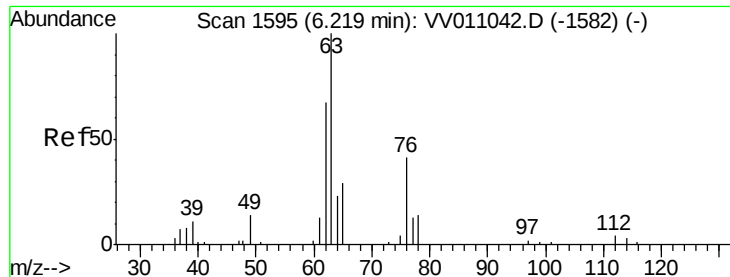
Tgt Ion: 95 Resp: 3085
 Ion Ratio Lower Upper
 95 100
 97 0.0 43.4 80.6#
 132 0.0 68.8 127.8#
 130 0.0 69.9 129.9#



#36
 Methylcyclohexane
 Concen: 4.090 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.06 min
 Lab File: VV011052.D
 Acq: 24 May 2019 05:03

Tgt Ion: 83 Resp: 9524
 Ion Ratio Lower Upper
 83 100
 55 0.0 57.0 85.4#
 98 1.1 36.2 54.4#

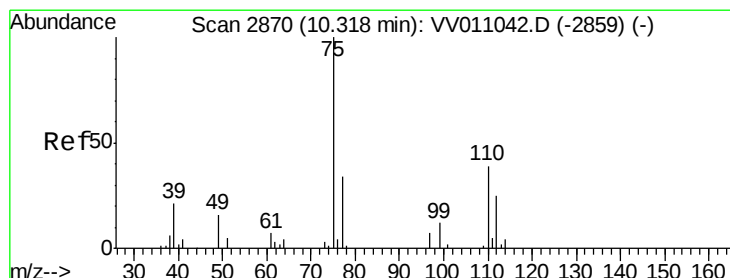
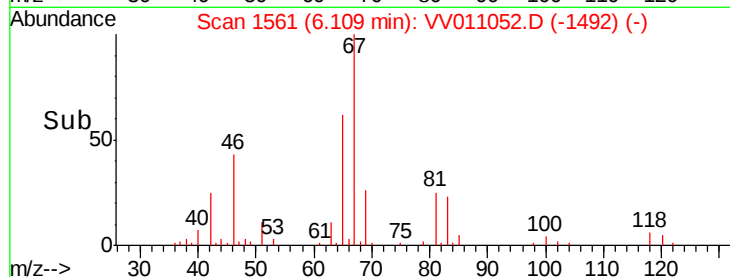
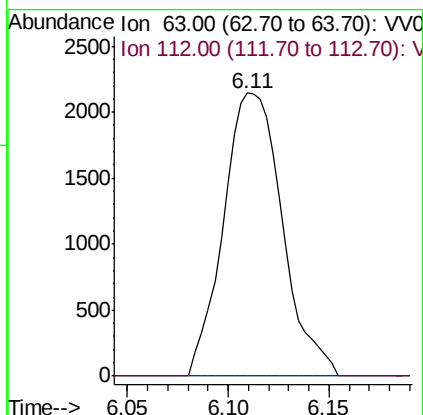
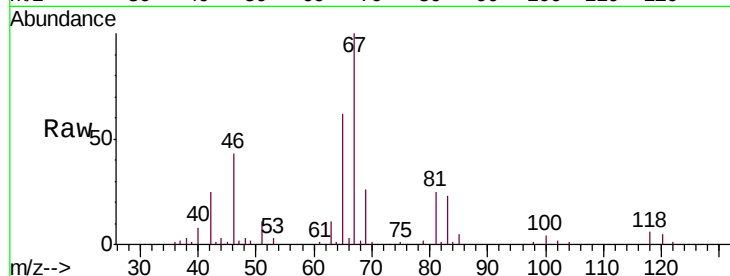




#40
 1,2-Dichloropropane
 Concen: 2.920 ug/L
 RT: 6.11 min Scan# 1561
 Delta R.T. -0.11 min
 Lab File: VV011052.D
 Acq: 24 May 2019 05:03

Instrument :
 MSVOA_V
 ClientSampleID :
 A51D7

Tgt Ion: 63 Resp: 4375
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.222 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV011052.D
 Acq: 24 May 2019 05:03

Tgt Ion: 75 Resp: 3978
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.2

