

Data File : VV010723.D
Acq On : 08 May 2019 11:03
Operator : SY/MD
Sample : K2690-12
Misc : 6.04G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5158

Quant Time: May 09 02:27:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:24:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	91591	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	90937	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	37421	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	23298	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.48%
7) Chloroethane-d5	1.57	69	23888	20.40	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.60%
10) 1,1-Dichloroethene-d2	2.12	63	39235	12.71	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.84%
20) 2-Butanone-d5	3.93	46	23282	54.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	109.06%
24) Chloroform-d	4.40	84	56916	22.79	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.16%
26) 1,2-Dichloroethane-d4	5.08	65	37026	23.74	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	94.96%
29) Benzene-d6	5.09	84	106447	22.24	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	88.96%
33) 1,2-Dichloropropane-d6	6.12	67	35745	23.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	93.76%
37) Toluene-d8	7.36	98	93320	20.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.44%
38) trans-1,3-Dichloropropene-	7.66	79	12441	17.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	71.56%
39) 2-Hexanone-d5	8.13	63	17165	53.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.56%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	35587	24.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.32%
61) 1,2-Dichlorobenzene-d4	11.67	152	33486	23.11	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.44%

Target Compounds

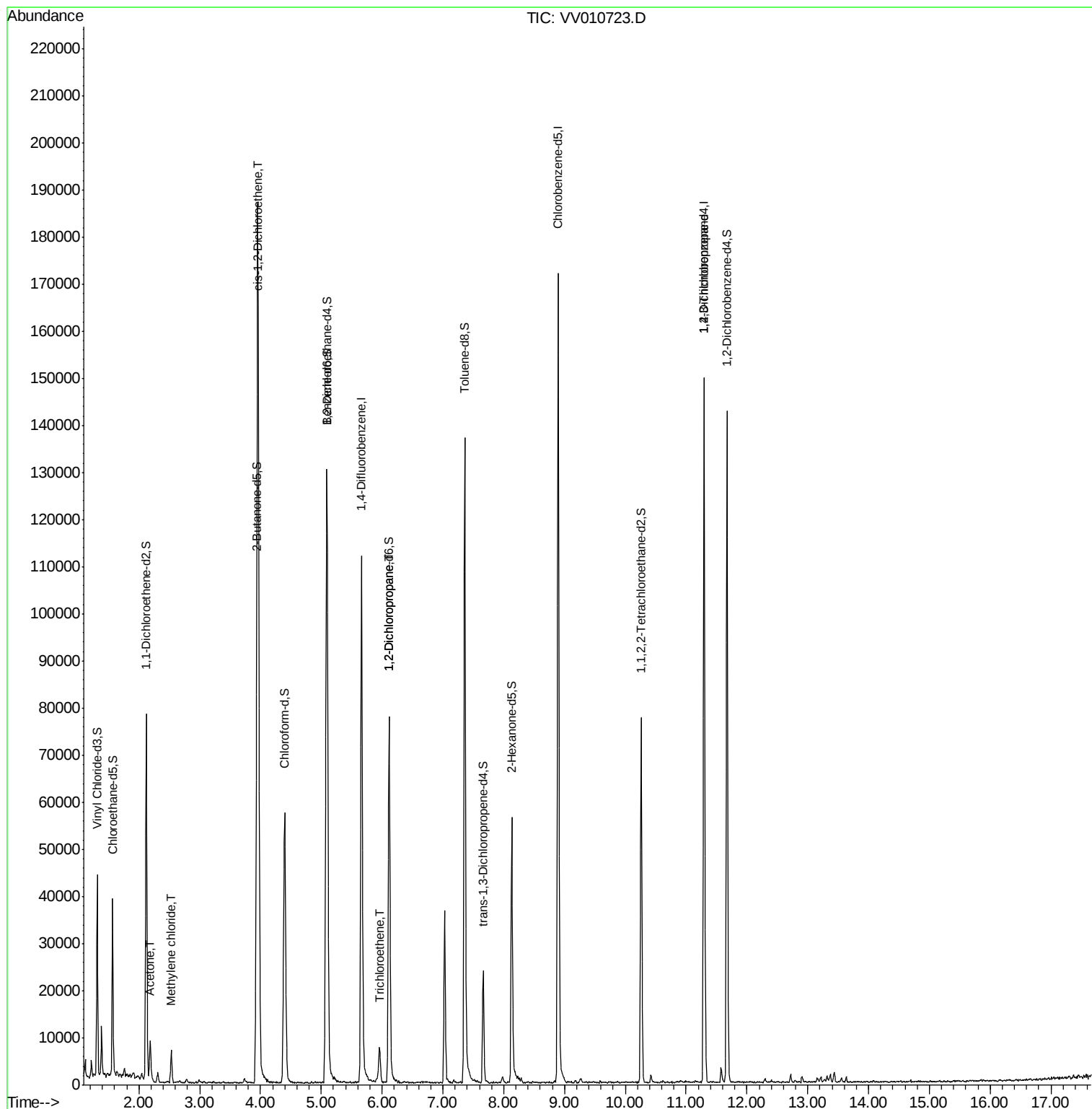
					Qvalue
13) Acetone	2.19	43	6925	10.476 ug/L	97
16) Methylene chloride	2.53	84	2598	1.835 ug/L	93
22) cis-1,2-Dichloroethene	3.96	96	95843	64.371 ug/L	96
35) Trichloroethene	5.96	95	2584	1.728 ug/L	92
40) 1,2-Dichloropropane	6.12	63	4512	3.177 ug/L #	87
59) 1,2,3-Trichloropropane	11.30	75	5272	4.419 ug/L #	81

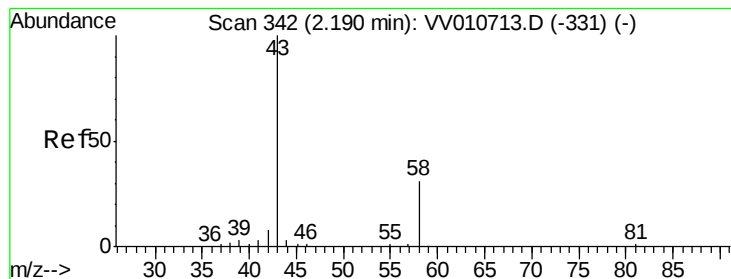
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu May 09 02:24:26 2019
Response via : Initial Calibration





#13

Acetone

Concen: 10.476 ug/L

RT: 2.19 min Scan# 341

Delta R.T. -0.00 min

Lab File: VV010723.D

Acq: 08 May 2019 11:03

Instrument :

MSVOA_V

ClientSampled :

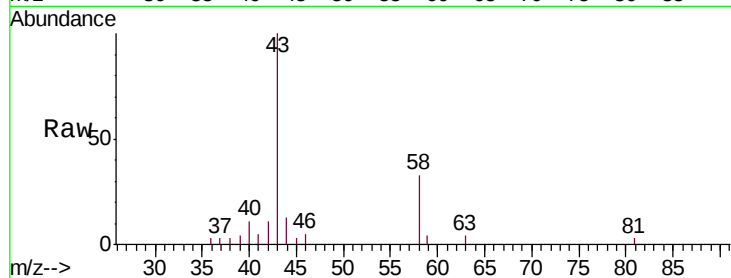
A5158

Tgt Ion: 43 Resp: 6925

Ion Ratio Lower Upper

43 100

58 33.4 0.0 63.4



Abundance Ion 43.00 (42.70 to 43.70): VV010723.D (-331) (-)

Ion 58.00 (57.70 to 58.70): VV010723.D (-331) (-)

2.19

5000

4000

3000

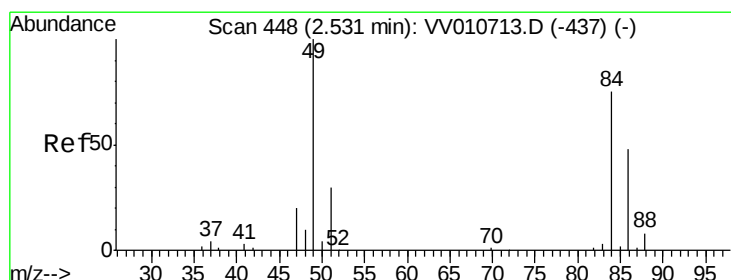
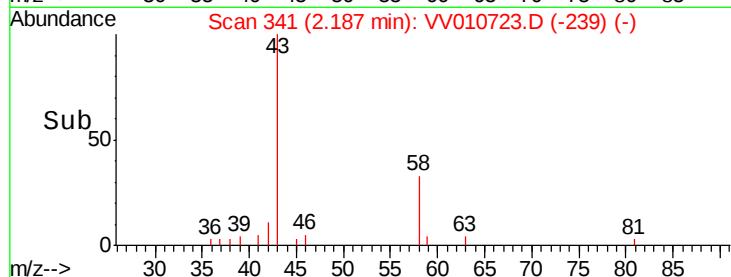
2000

1000

0

Time-->

2.15 2.20 2.25



#16

Methylene chloride

Concen: 1.835 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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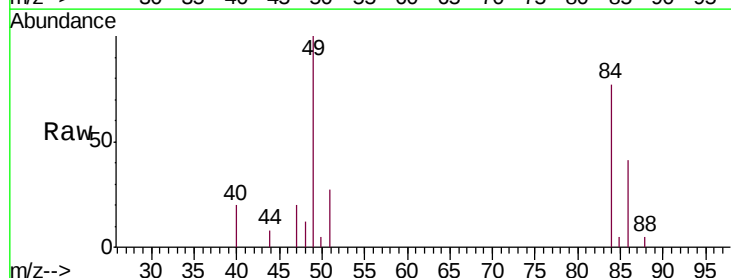
Tgt Ion: 84 Resp: 2598

Ion Ratio Lower Upper

84 100

49 130.4 92.9 172.5

86 53.2 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010723.D (-437) (-)

Ion 49.00 (48.70 to 49.70): VV010723.D (-437) (-)

Ion 86.00 (85.70 to 86.70): VV010723.D (-437) (-)

3000

2500

2000

1500

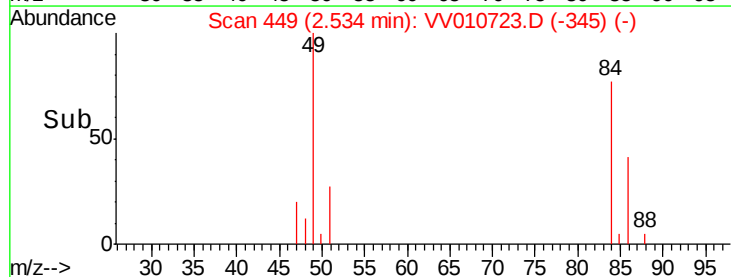
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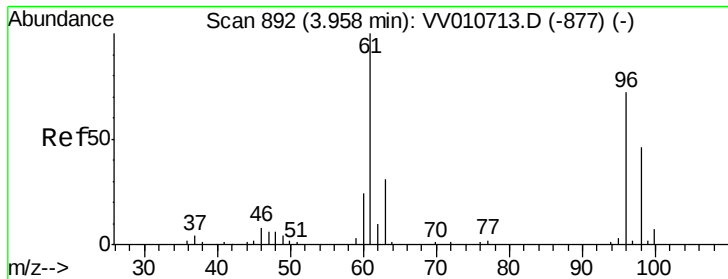
500

0

Time-->

2.50 2.55



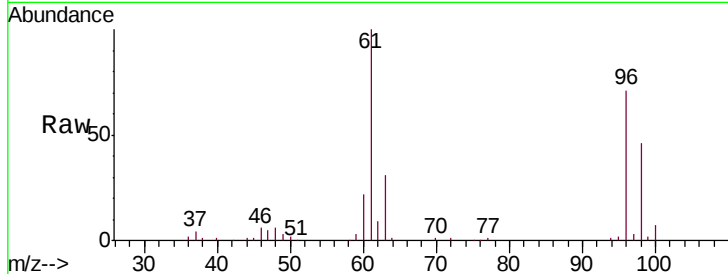


#22

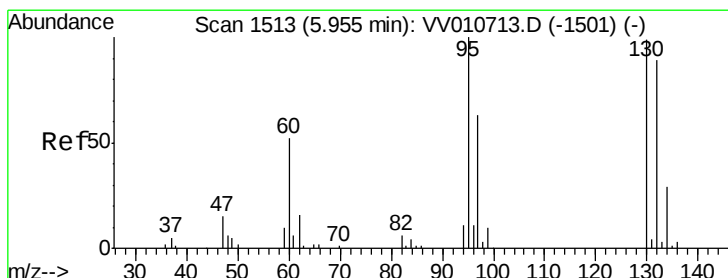
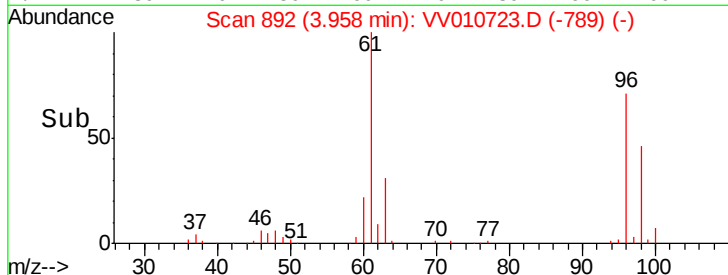
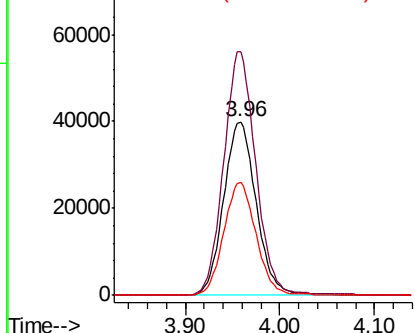
cis-1,2-Dichloroethene
Concen: 64.371 ug/L
RT: 3.96 min Scan# 892
Delta R.T. -0.00 min
Lab File: VV010723.D
Acq: 08 May 2019 11:03

Instrument :
MSVOA_V
ClientSampleId :
A5158

Tgt Ion: 96 Resp: 95843
Ion Ratio Lower Upper
96 100
61 140.2 93.9 174.5
98 65.0 46.5 86.5



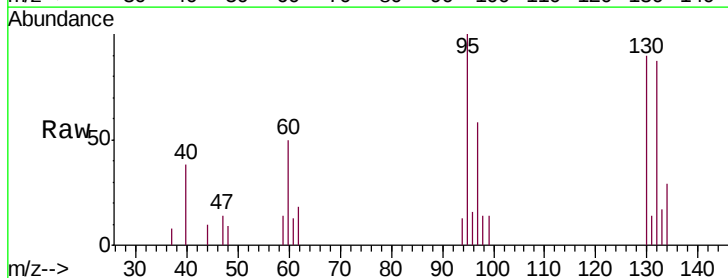
Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0



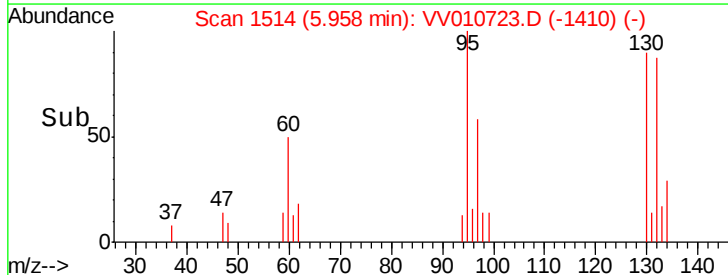
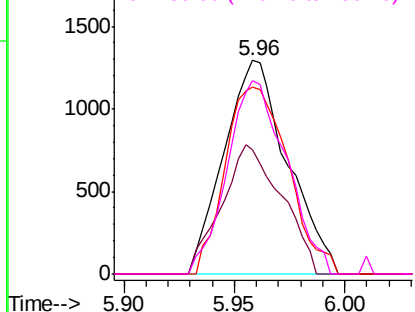
#35

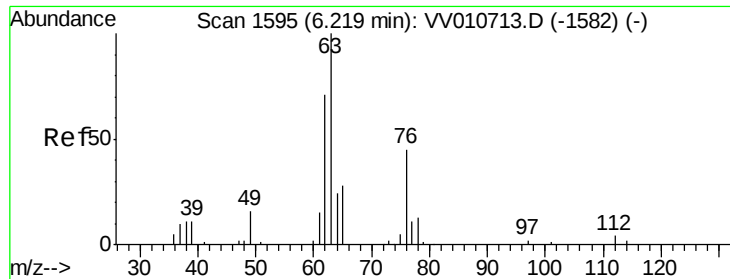
Trichloroethene
Concen: 1.728 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV010723.D
Acq: 08 May 2019 11:03

Tgt Ion: 95 Resp: 2584
Ion Ratio Lower Upper
95 100
97 56.9 44.3 82.3
132 86.5 62.4 115.8
130 84.4 68.5 127.3



Abundance Ion 95.00 (94.70 to 95.70): VV0
Ion 97.00 (96.70 to 97.70): VV0
Ion 132.00 (131.70 to 132.70): VV0
Ion 130.00 (129.70 to 130.70): VV0

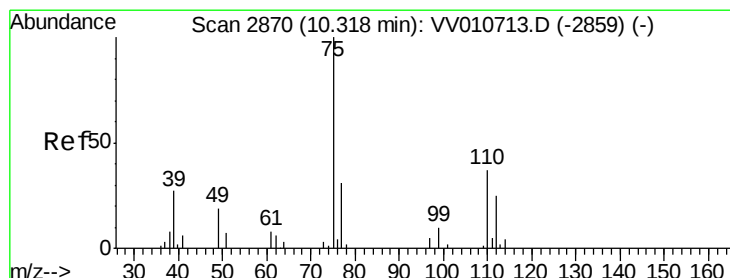
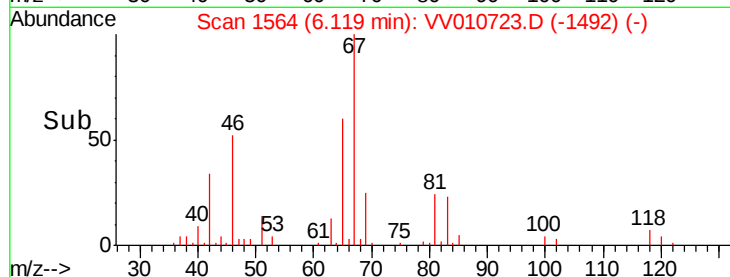
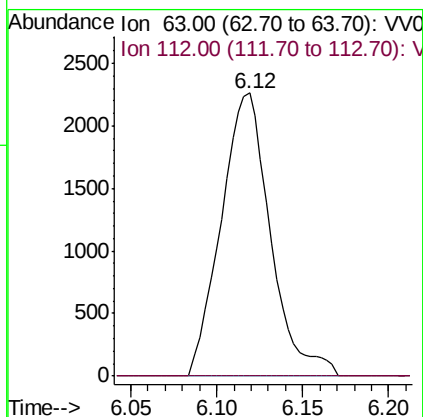
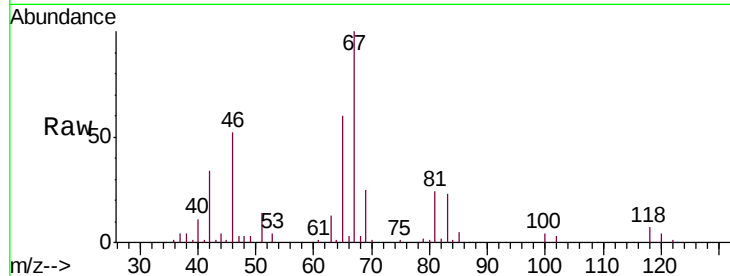




#40
 1,2-Dichloropropane
 Concen: 3.177 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV010723.D
 Acq: 08 May 2019 11:03

Instrument :
 MSVOA_V
 ClientSampled :
 A5158

Tgt Ion: 63 Resp: 4512
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#59
 1,2,3-Trichloropropane
 Concen: 4.419 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010723.D
 Acq: 08 May 2019 11:03

Tgt Ion: 75 Resp: 5272
 Ion Ratio Lower Upper
 75 100
 77 41.8 25.0 37.6#

