

Data File : VV010005.D
Acq On : 29 Mar 2019 16:54
Operator : SY/MD
Sample : K2084-13
Misc : 5.21G/10mL/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BF7X3

Quant Time: Mar 30 04:17:35 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM032619S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 04:13:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	143695	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	132137	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	45972	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58262	19.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.92%
7) Chloroethane-d5	1.57	69	65571	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.28%
10) 1,1-Dichloroethene-d2	2.12	63	137411	17.23	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.92%
20) 2-Butanone-d5	3.93	46	35371	65.09	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	130.18%
24) Chloroform-d	4.40	84	60468	16.52	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	66.08%
26) 1,2-Dichloroethane-d4	5.08	65	57340	26.03	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	104.12%
29) Benzene-d6	5.10	84	169005	24.35	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.40%
33) 1,2-Dichloropropane-d6	6.12	67	54804	26.99	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.96%
37) Toluene-d8	7.36	98	144320	21.97	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.88%
38) trans-1,3-Dichloropropene-	7.66	79	17800	21.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	85.72%
39) 2-Hexanone-d5	8.13	63	24832	65.53	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	131.06%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	54245	26.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	41608	23.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.08%

Target Compounds

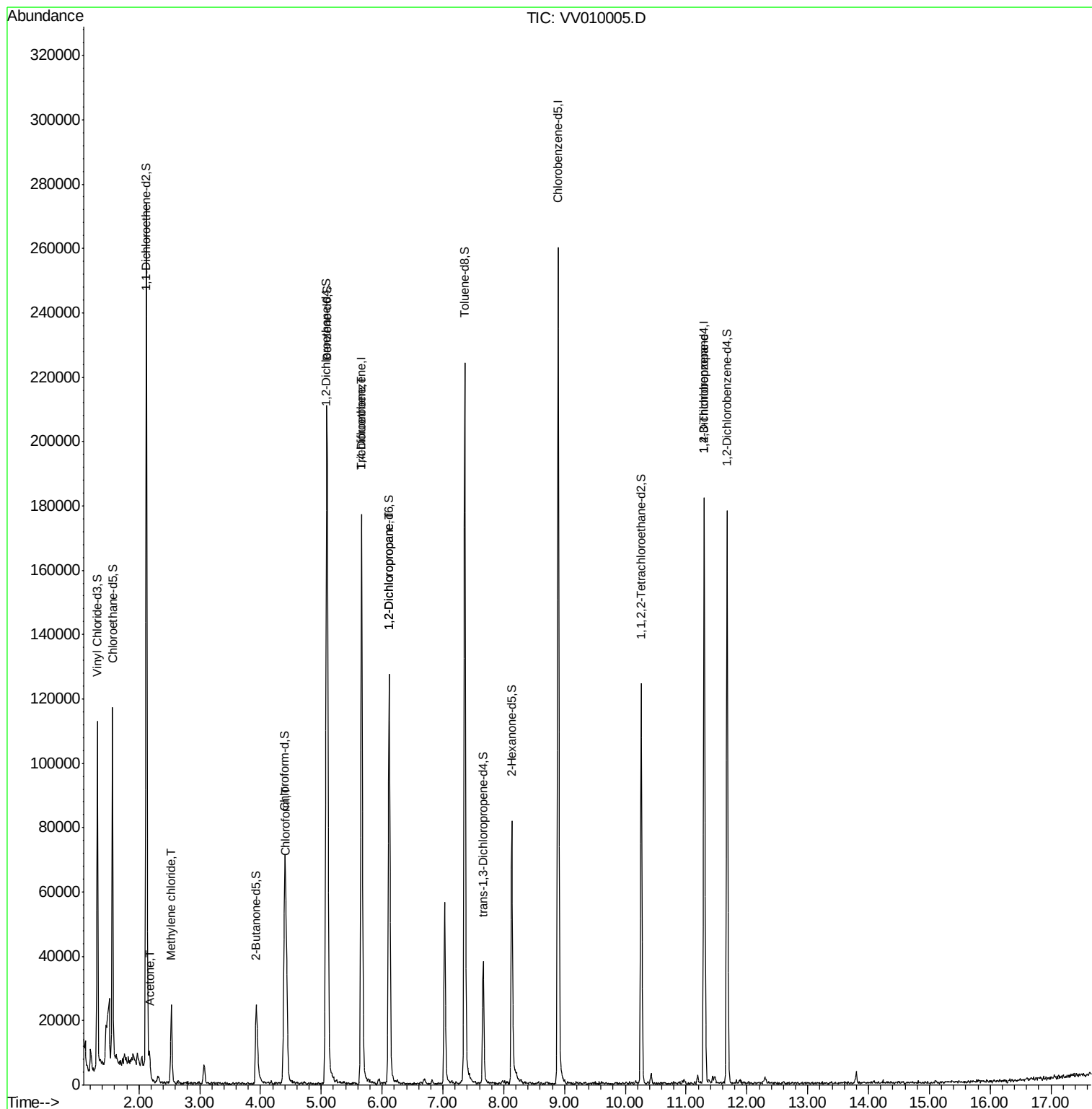
					Qvalue
13) Acetone	2.18	43	2639	3.208 ug/L	91
16) Methylene chloride	2.53	84	9656	4.081 ug/L	95
25) Chloroform	4.43	83	27309	7.173 ug/L	94
35) Trichloroethene	5.66	95	4361	2.279 ug/L #	5
40) 1,2-Dichloropropane	6.11	63	7003	3.862 ug/L #	92
59) 1,2,3-Trichloropropane	11.30	75	7386	5.063 ug/L	90

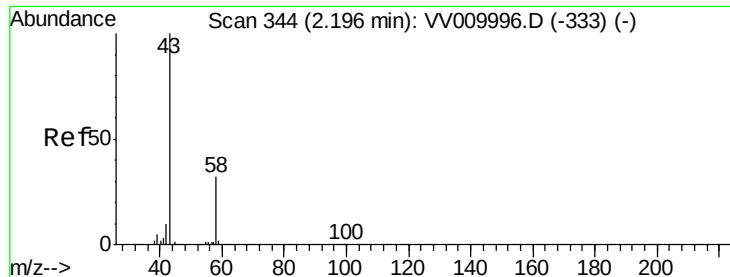
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.208 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

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Instrument :

MSVOA_V

ClientSampleId :

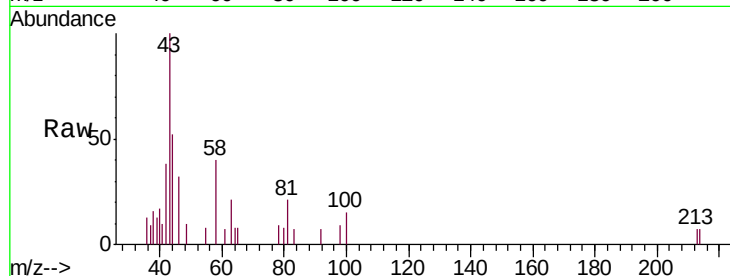
BF7X3

Tgt Ion: 43 Resp: 2639

Ion Ratio Lower Upper

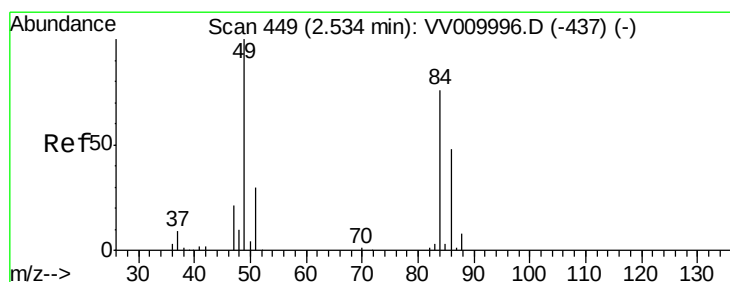
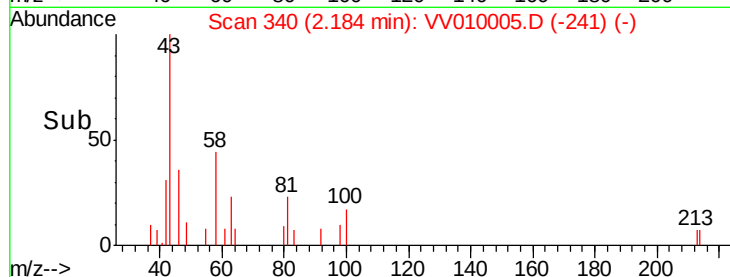
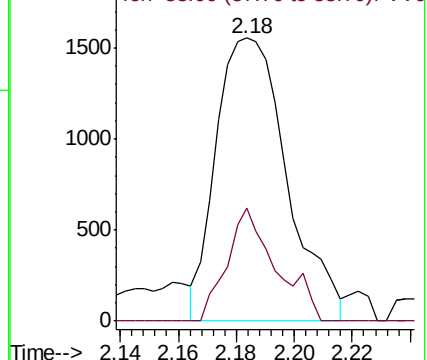
43 100

58 24.9 0.0 59.4



Abundance Ion 43.00 (42.70 to 43.70): VV0

Ion 58.00 (57.70 to 58.70): VV0



#16

Methylene chloride

Concen: 4.081 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

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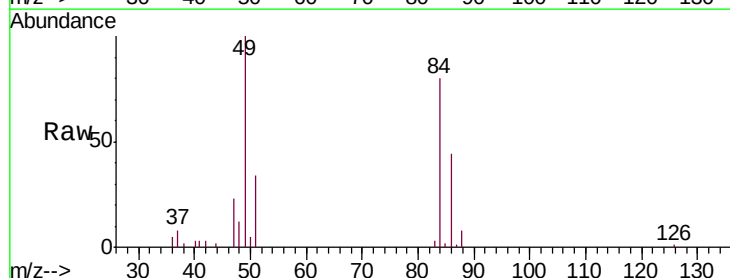
Tgt Ion: 84 Resp: 9656

Ion Ratio Lower Upper

84 100

49 125.4 90.4 167.8

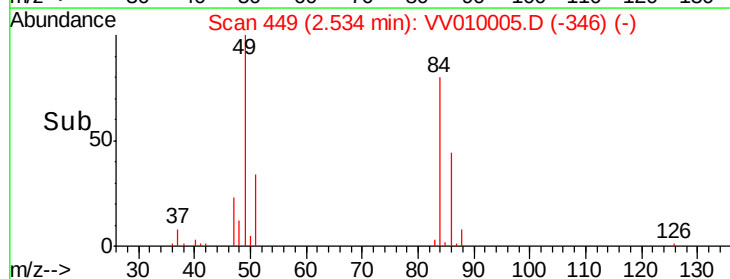
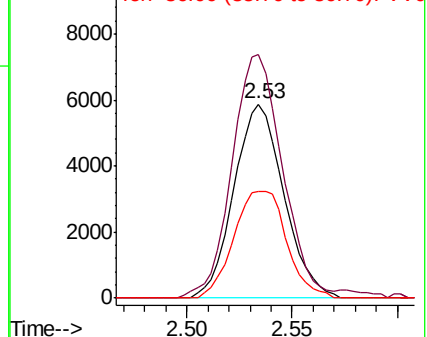
86 54.9 44.0 81.6

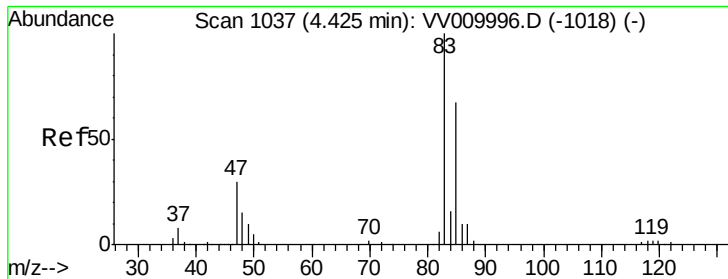


Abundance Ion 84.00 (83.70 to 84.70): VV0

Ion 49.00 (48.70 to 49.70): VV0

Ion 86.00 (85.70 to 86.70): VV0

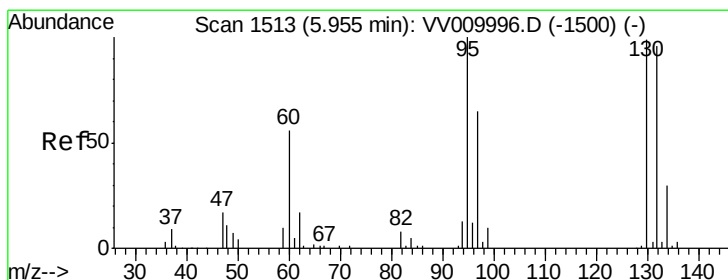
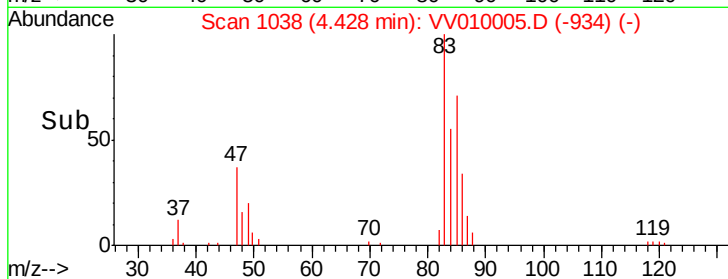
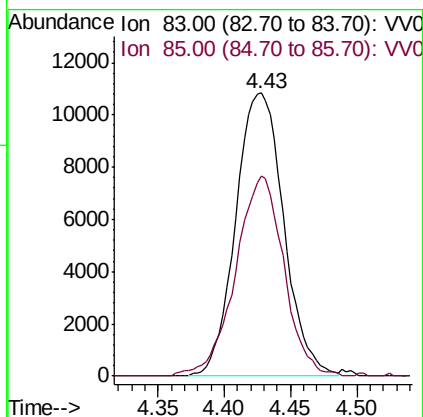
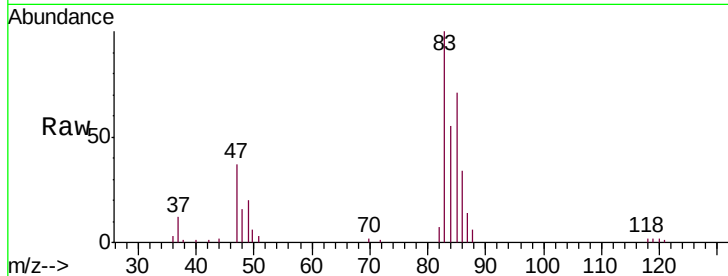




#25
Chloroform
Concen: 7.173 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.00 min
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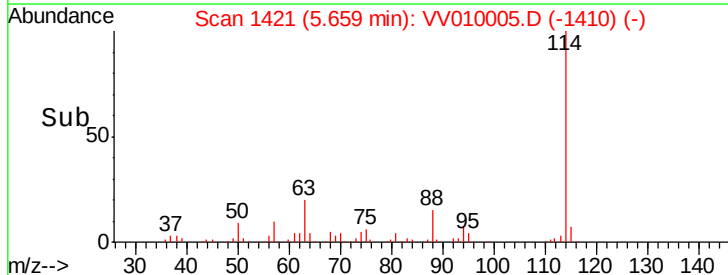
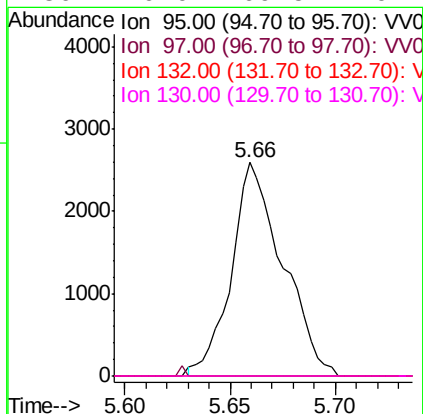
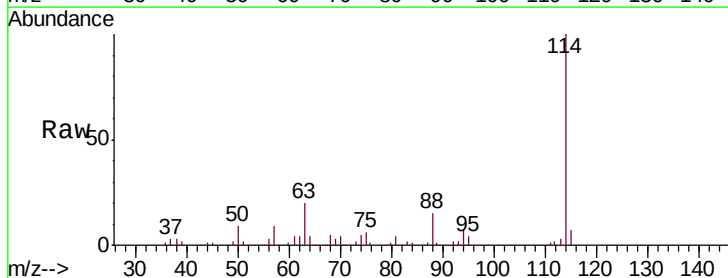
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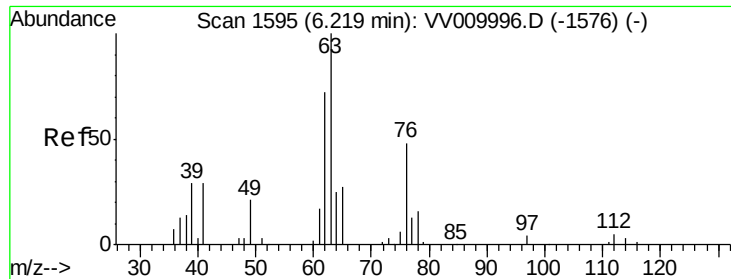
Tgt Ion: 83 Resp: 27309
Ion Ratio Lower Upper
83 100
85 71.0 46.1 85.7



#35
Trichloroethene
Concen: 2.279 ug/L
RT: 5.66 min Scan# 1421
Delta R.T. -0.30 min
Lab File: VV010005.D
Acq: 29 Mar 2019 16:54

Tgt Ion: 95 Resp: 4361
Ion Ratio Lower Upper
95 100
97 0.0 46.3 85.9#
132 0.0 69.3 128.7#
130 0.0 69.5 129.1#

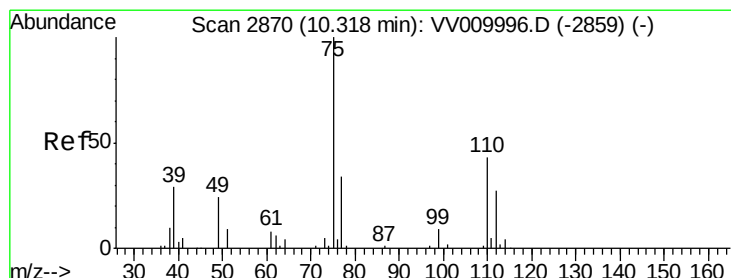
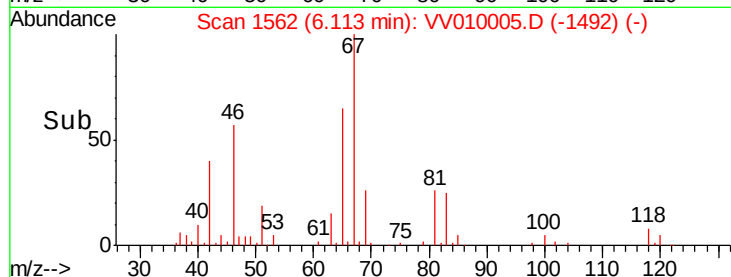
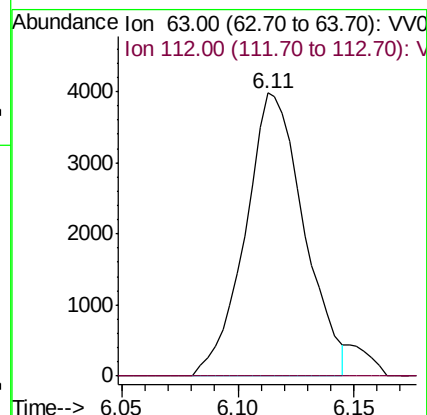
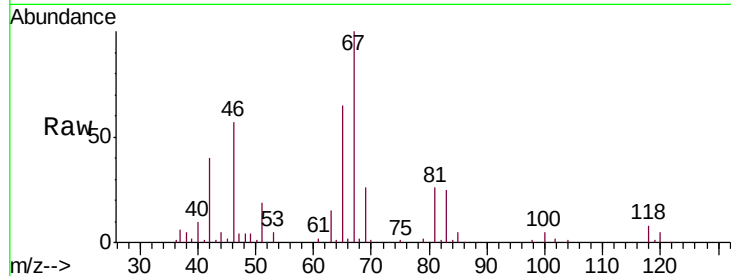




#40
 1,2-Dichloropropane
 Concen: 3.862 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010005.D
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 MSVOA_V
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Tgt Ion: 63 Resp: 7003
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.1 3.1#



#59
 1,2,3-Trichloropropane
 Concen: 5.063 ug/L
 RT: 11.30 min Scan# 3174
 Delta R.T. 0.98 min
 Lab File: VV010005.D
 Acq: 29 Mar 2019 16:54

Tgt Ion: 75 Resp: 7386
 Ion Ratio Lower Upper
 75 100
 77 38.1 26.2 39.2

