

Data File : VV009068.D
Acq On : 20 Dec 2018 00:22
Operator : SY/MD
Sample : J6471-13
Misc : 5.52G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9H00

Quant Time: Dec 20 03:50:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM120618S.M
Quant Title : VOC Analysis
QLast Update : Thu Dec 20 03:44:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	221983	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	178494	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67470	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	51562	22.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	61365	36.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	144.64%
10) 1,1-Dichloroethene-d2	2.13	63	101042	17.59	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.36%
20) 2-Butanone-d5	3.94	46	20459	24.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.92%
24) Chloroform-d	4.40	84	142531	26.71	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.84%
26) 1,2-Dichloroethane-d4	5.08	65	81574	28.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.04%
29) Benzene-d6	5.10	84	277129	27.80	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	111.20%
33) 1,2-Dichloropropane-d6	6.12	67	85721	30.71	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	122.84%#
37) Toluene-d8	7.36	98	239907	26.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	104.00%
38) trans-1,3-Dichloropropene-	7.66	79	26781	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	8.14	63	12174	23.81	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	47.62%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	61343	26.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	104.80%
61) 1,2-Dichlorobenzene-d4	11.68	152	61229	24.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.72%

Target Compounds

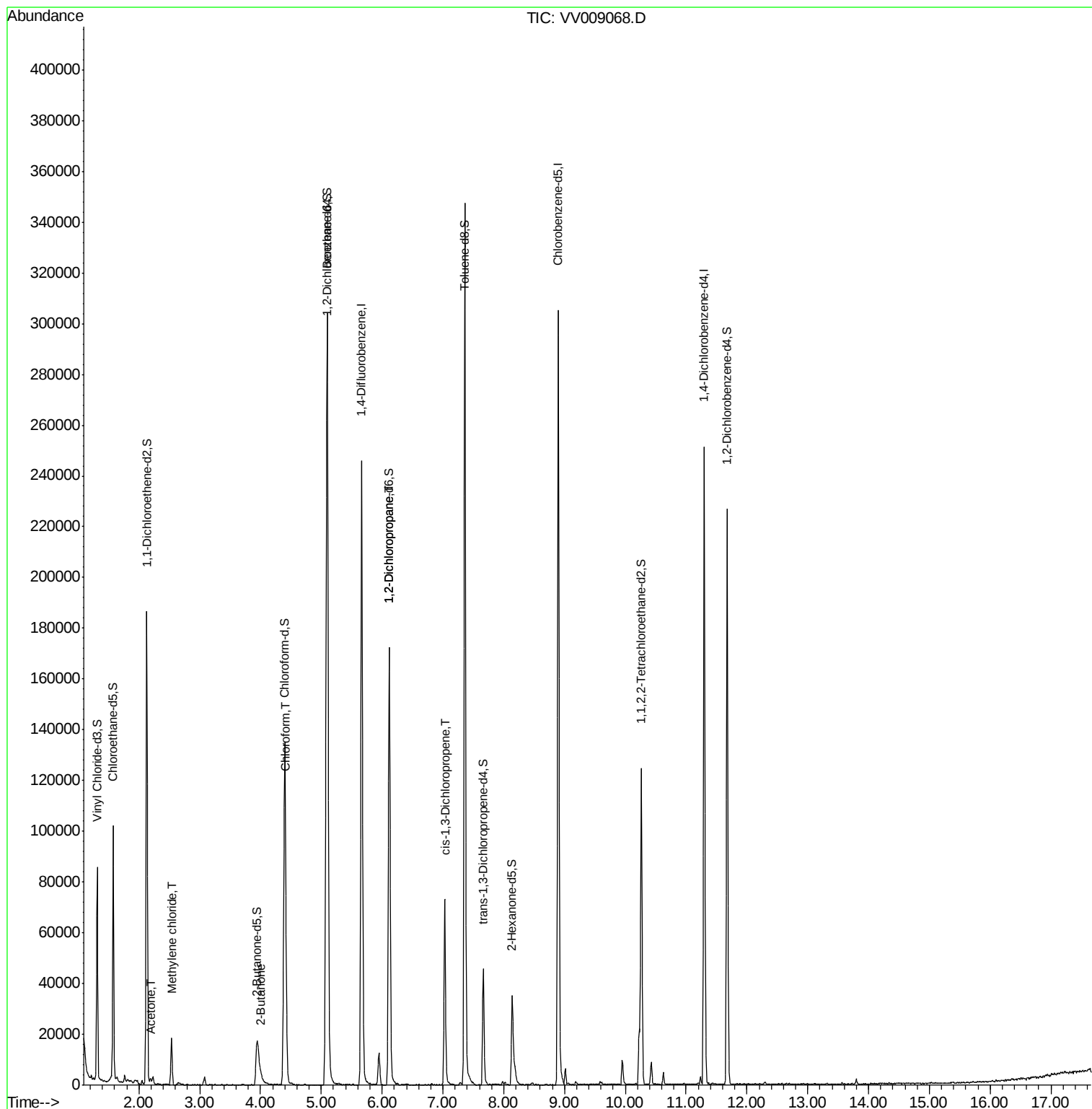
					Qvalue
13) Acetone	2.20	43	1062	0.862 ug/L	94
16) Methylene chloride	2.54	84	8193	2.192 ug/L	91
21) 2-Butanone	4.01	43	3034	2.627 ug/L #	47
25) Chloroform	4.42	83	2435	0.453 ug/L #	1
40) 1,2-Dichloropropane	6.12	63	9582	3.733 ug/L #	85
42) cis-1,3-Dichloropropene	7.03	75	1860	0.495 ug/L #	80

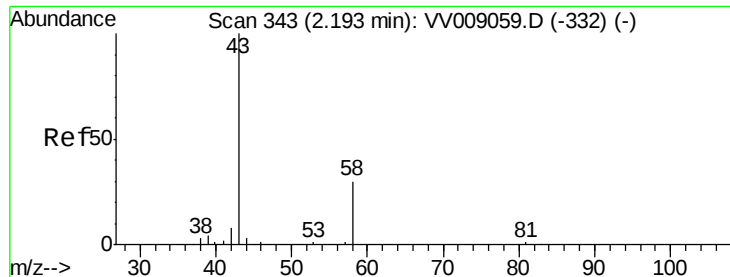
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.862 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

Lab File: VV009068.D

Acq: 20 Dec 2018 00:22

Instrument :

MSVOA_V

ClientSampled :

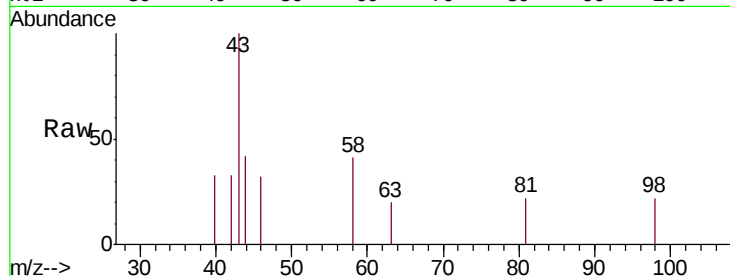
F9H00

Tgt Ion: 43 Resp: 1062

Ion Ratio Lower Upper

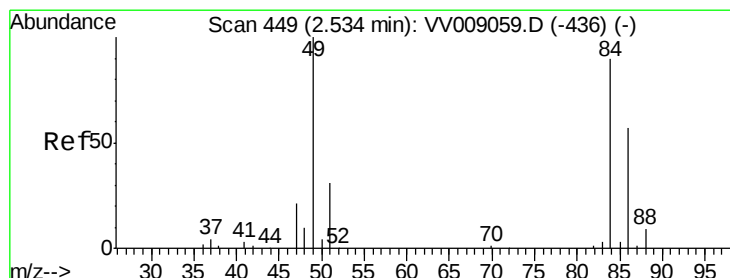
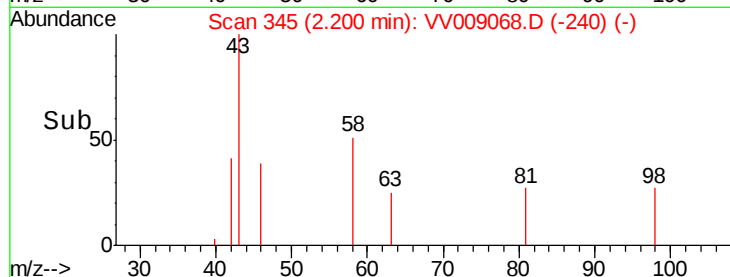
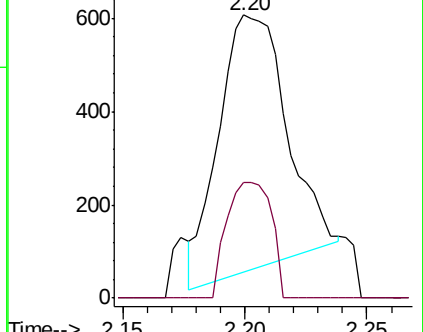
43 100

58 29.6 0.0 65.4



Abundance Ion 43.00 (42.70 to 43.70): VV009059.D (-332) (-)

Ion 58.00 (57.70 to 58.70): VV009059.D (-332) (-)



#16

Methylene chloride

Concen: 2.192 ug/L

RT: 2.54 min Scan# 450

Delta R.T. 0.00 min

Lab File: VV009068.D

Acq: 20 Dec 2018 00:22

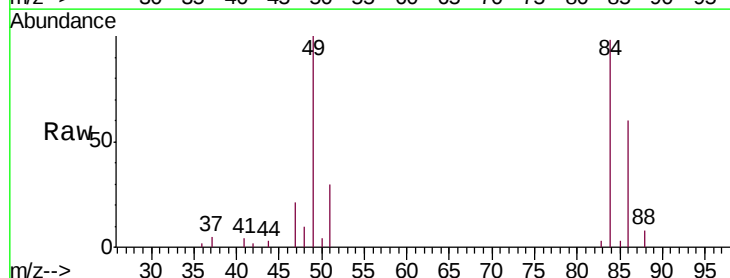
Tgt Ion: 84 Resp: 8193

Ion Ratio Lower Upper

84 100

49 102.5 80.5 149.5

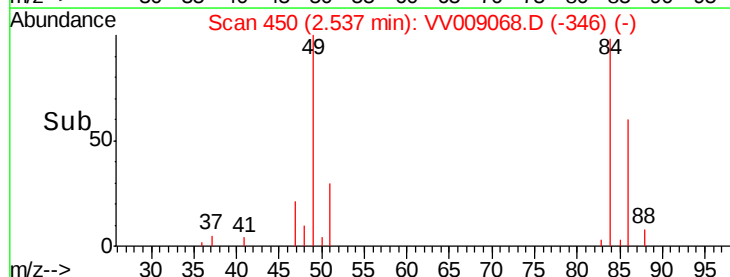
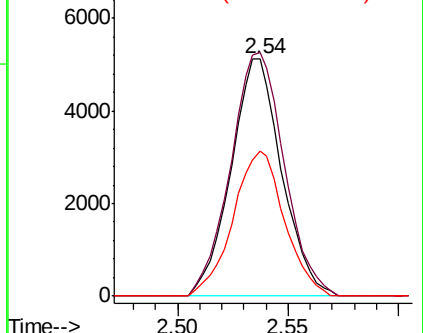
86 61.2 45.5 84.5

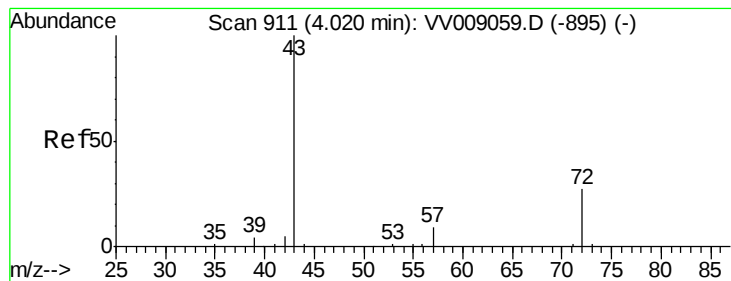


Abundance Ion 84.00 (83.70 to 84.70): VV009059.D (-436) (-)

Ion 49.00 (48.70 to 49.70): VV009059.D (-436) (-)

Ion 86.00 (85.70 to 86.70): VV009059.D (-436) (-)





#21

2-Butanone

Concen: 2.627 ug/L

RT: 4.01 min Scan# 907

Delta R.T. -0.01 min

Lab File: VV009068.D

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Instrument :

MSVOA_V

ClientSampleId :

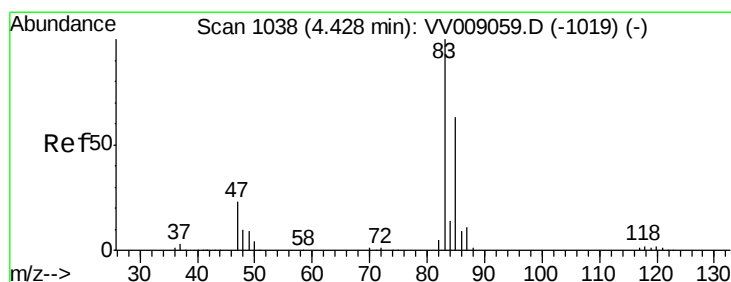
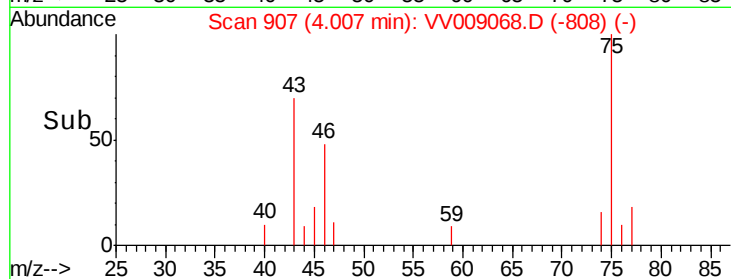
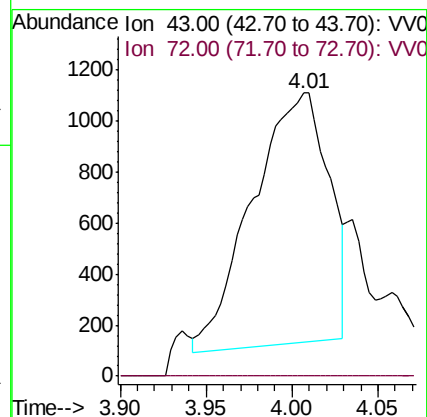
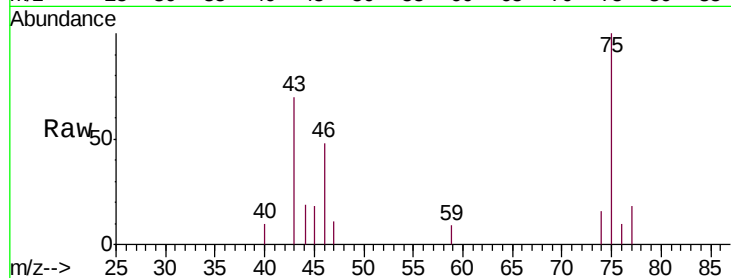
F9H00

Tgt Ion: 43 Resp: 3034

Ion Ratio Lower Upper

43 100

72 0.0 13.7 41.1#



#25

Chloroform

Concen: 0.453 ug/L

RT: 4.42 min Scan# 1036

Delta R.T. -0.01 min

Lab File: VV009068.D

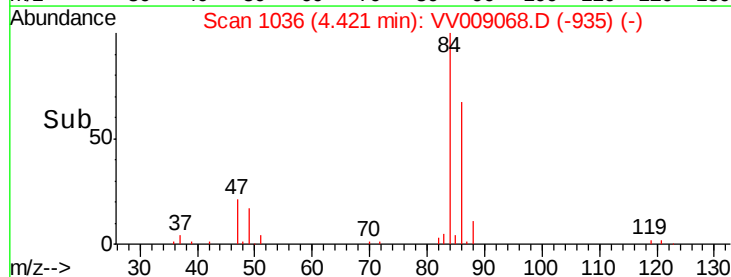
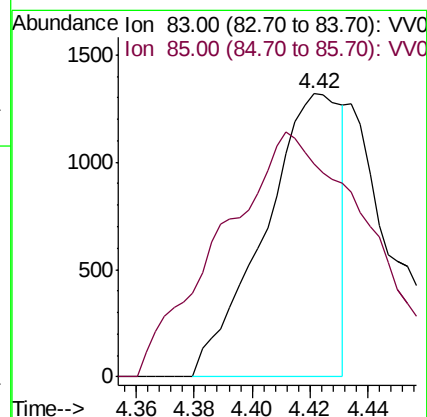
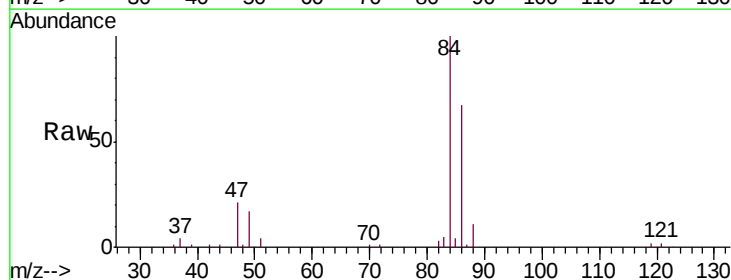
Acq: 20 Dec 2018 00:22

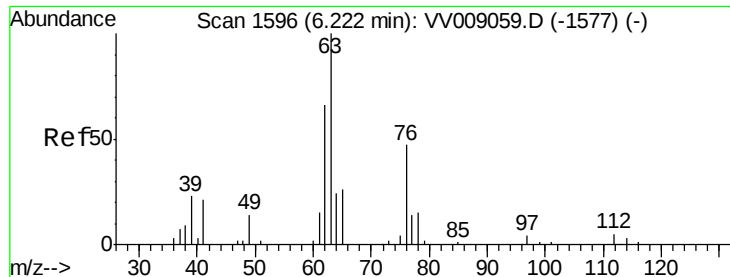
Tgt Ion: 83 Resp: 2435

Ion Ratio Lower Upper

83 100

85 165.3 45.6 84.8#

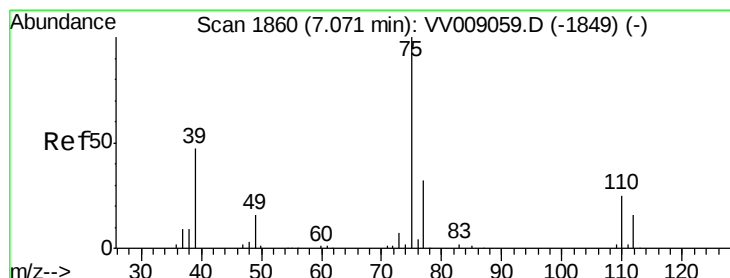
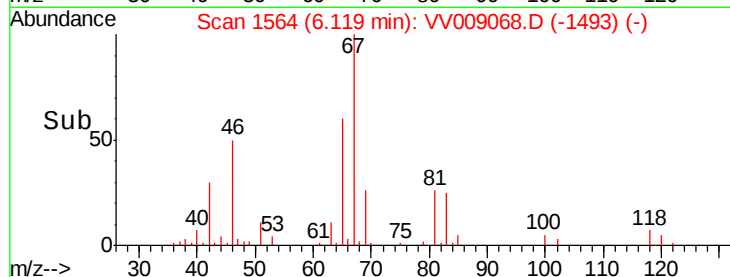
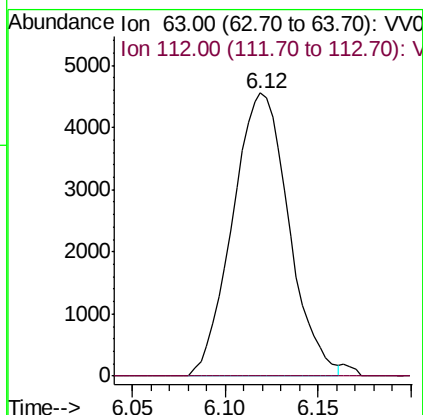
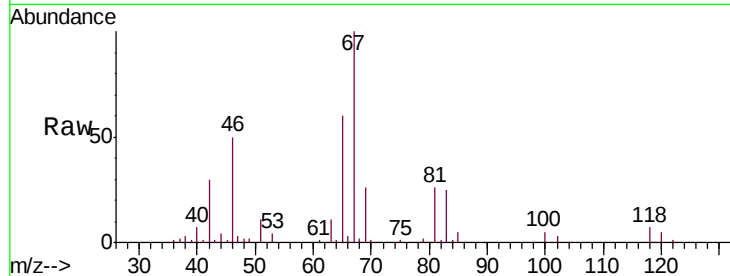




#40
 1,2-Dichloropropane
 Concen: 3.733 ug/L
 RT: 6.12 min Scan# 1564
 Delta R.T. -0.10 min
 Lab File: VV009068.D
 Acq: 20 Dec 2018 00:22

Instrument :
 MSVOA_V
 ClientSampled :
 F9H00

Tgt Ion: 63 Resp: 9582
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.8#



#42
 cis-1,3-Dichloropropene
 Concen: 0.495 ug/L
 RT: 7.03 min Scan# 1847
 Delta R.T. -0.04 min
 Lab File: VV009068.D
 Acq: 20 Dec 2018 00:22

Tgt Ion: 75 Resp: 1860
 Ion Ratio Lower Upper
 75 100
 77 41.2 21.3 39.6#

