

Data File : VV011036.D
Acq On : 23 May 2019 19:25
Operator : SY/MD
Sample : K3016-03
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C2

Quant Time: May 24 08:20:18 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	102366	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	99445	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	31981	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19103	16.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	65.48%
7) Chloroethane-d5	1.56	69	15408	19.50	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.00%
10) 1,1-Dichloroethene-d2	2.12	63	29654	13.22	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.88%
20) 2-Butanone-d5	3.93	46	34281	85.13	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	170.26%#
24) Chloroform-d	4.40	84	57288	21.60	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.08	65	37319	23.88	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	95.52%
29) Benzene-d6	5.09	84	116657	21.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.96%
33) 1,2-Dichloropropane-d6	6.12	67	42074	24.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	97.56%
37) Toluene-d8	7.36	98	96475	19.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	76.48%
38) trans-1,3-Dichloropropene-	7.66	79	15683	22.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.56%
39) 2-Hexanone-d5	8.13	63	29209	90.78	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	181.56%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	48198	27.99	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	27803	21.41	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	85.64%

Target Compounds

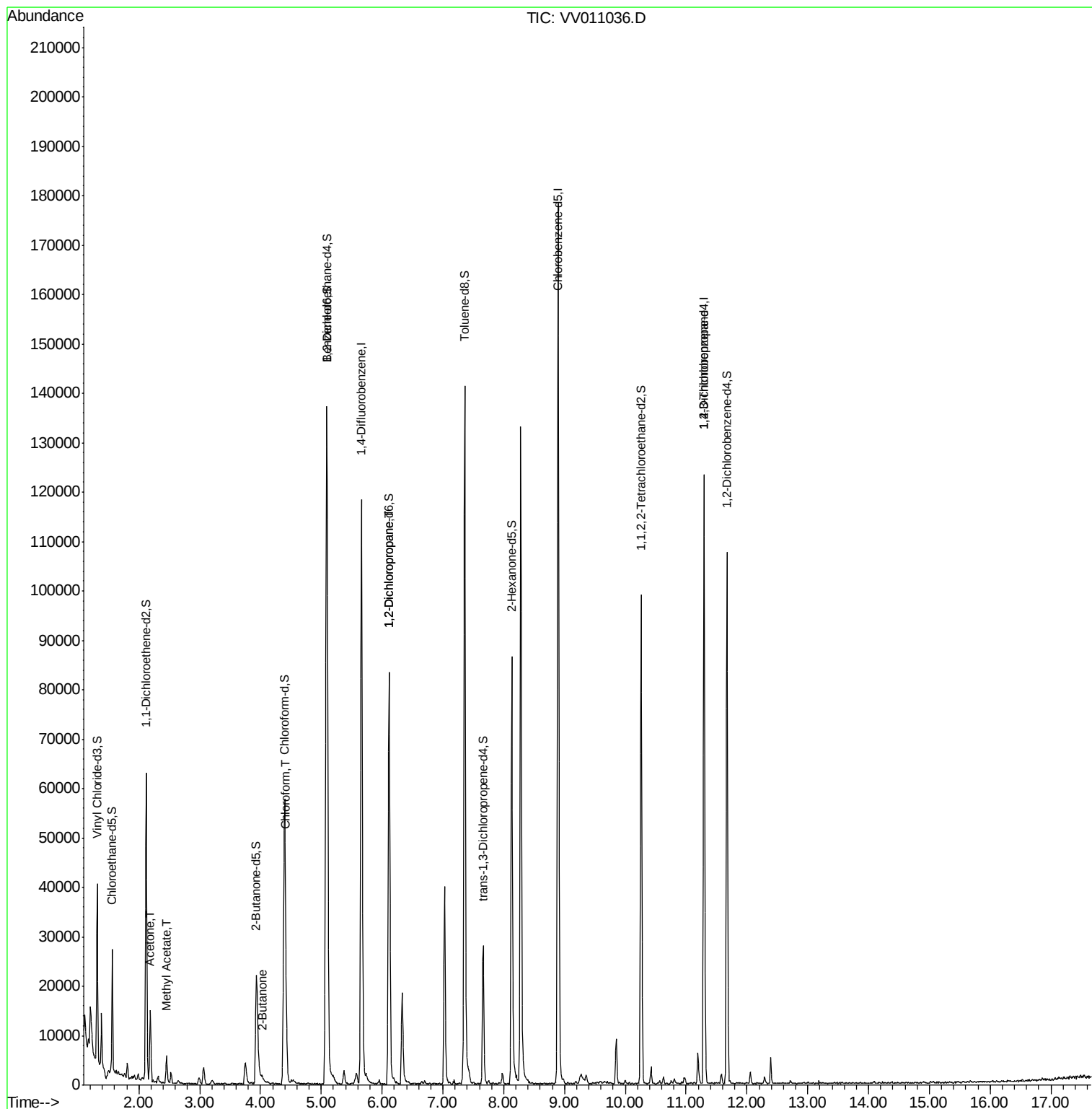
					Qvalue
13) Acetone	2.19	43	13616	35.063 ug/L	98
15) Methyl Acetate	2.45	43	5481	7.346 ug/L	99
21) 2-Butanone	4.03	43	2308	4.343 ug/L	78
25) Chloroform	4.42	83	2944	0.959 ug/L #	1
40) 1,2-Dichloropropane	6.12	63	4499	2.986 ug/L #	86
59) 1,2,3-Trichloropropane	11.29	75	4354	3.506 ug/L	93

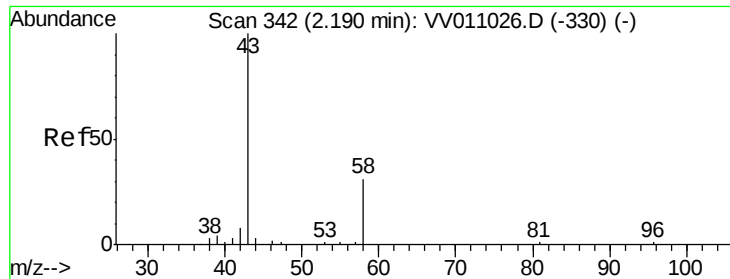
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VV011036.D
Acq On : 23 May 2019 19:25
Operator : SY/MD
Sample : K3016-03
Misc : 5.01G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51C2

Quant Time: May 24 08:20:18 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





#13

Acetone

Concen: 35.063 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.00 min

Lab File: VV011036.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_V

ClientSampled :

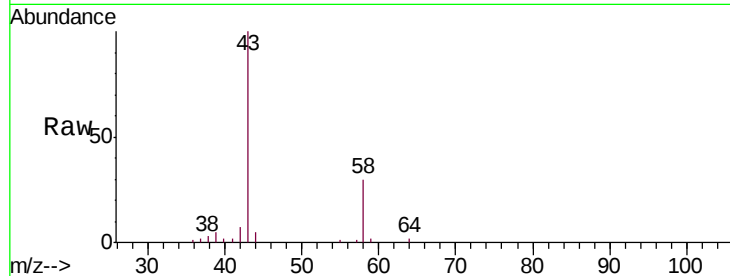
A51C2

Tgt Ion: 43 Resp: 13616

Ion Ratio Lower Upper

43 100

58 31.5 0.0 60.8



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-330) (-)

Ion 58.00 (57.70 to 58.70): VV011026.D (-330) (-)

2.19

10000

8000

6000

4000

2000

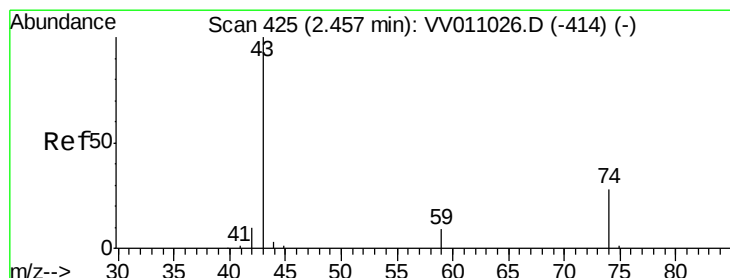
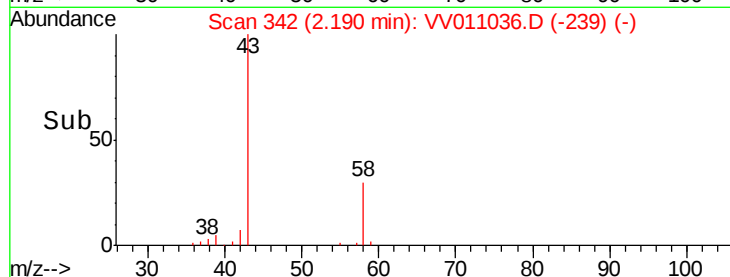
0

Time-->

2.15

2.20

2.25



#15

Methyl Acetate

Concen: 7.346 ug/L

RT: 2.45 min Scan# 424

Delta R.T. -0.00 min

Lab File: VV011036.D

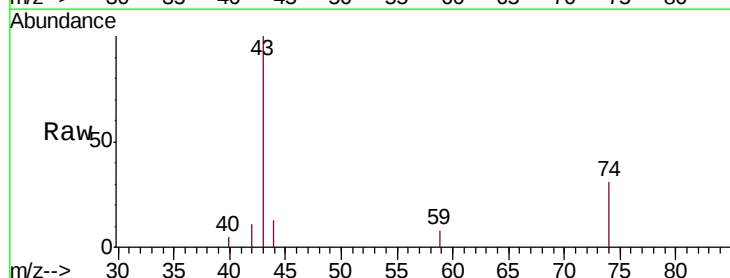
Acq: 23 May 2019 19:25

Tgt Ion: 43 Resp: 5481

Ion Ratio Lower Upper

43 100

74 27.1 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-414) (-)

Ion 74.00 (73.70 to 74.70): VV011026.D (-414) (-)

2.45

4000

3000

2000

1000

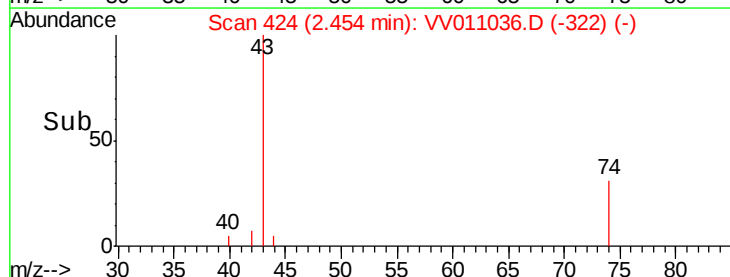
0

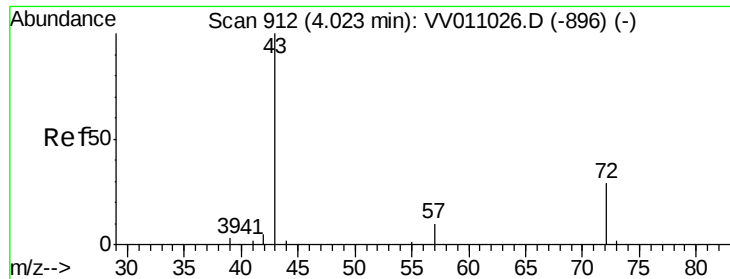
Time-->

2.40

2.45

2.50





#21

2-Butanone

Concen: 4.343 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.01 min

Lab File: VV011036.D

Acq: 23 May 2019 19:25

Instrument :

MSVOA_V

ClientSampled :

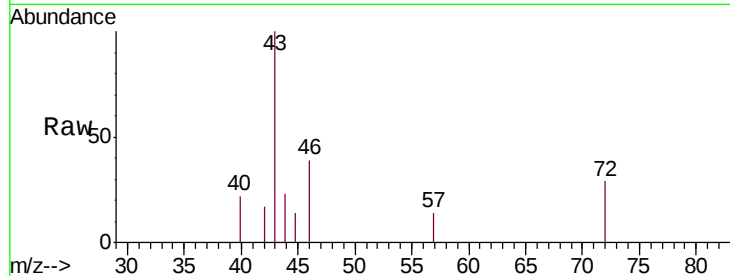
A51C2

Tgt Ion: 43 Resp: 2308

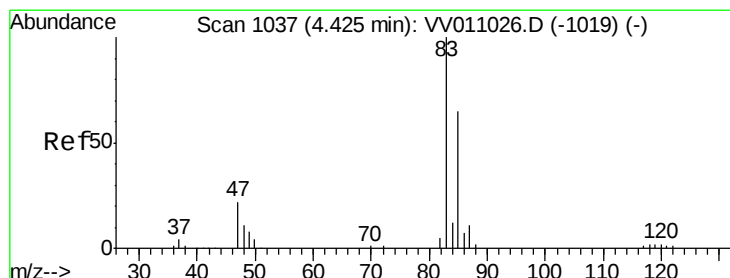
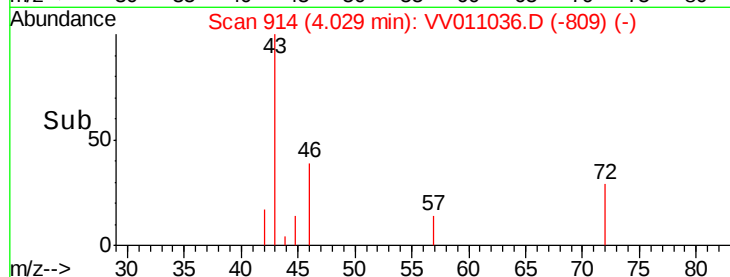
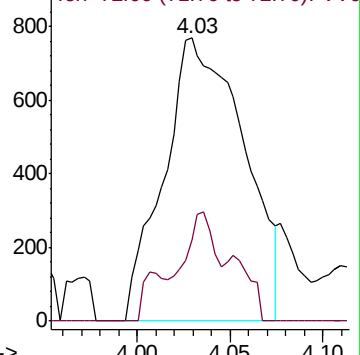
Ion Ratio Lower Upper

43 100

72 15.1 13.1 39.3



Abundance Ion 43.00 (42.70 to 43.70): VV011026.D (-896) (-)



#25

Chloroform

Concen: 0.959 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV011036.D

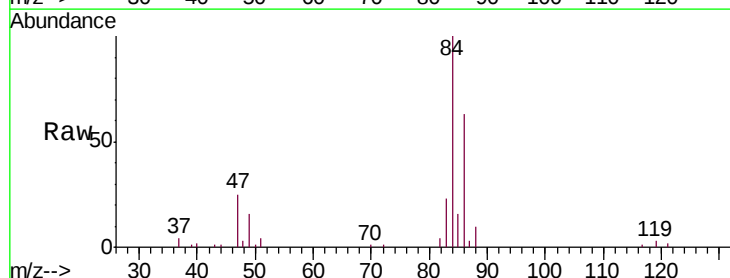
Acq: 23 May 2019 19:25

Tgt Ion: 83 Resp: 2944

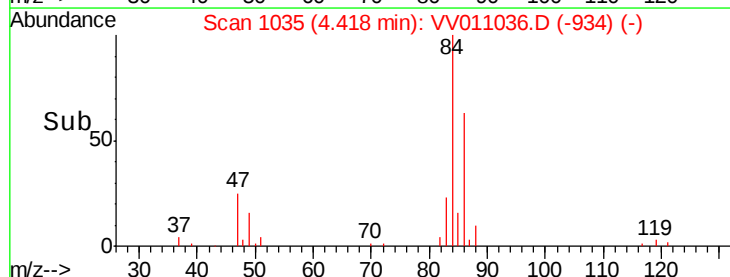
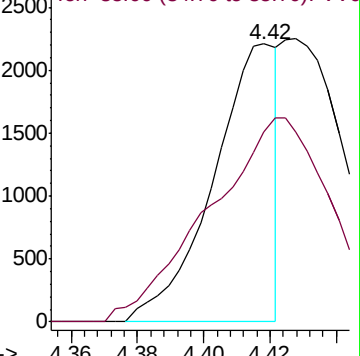
Ion Ratio Lower Upper

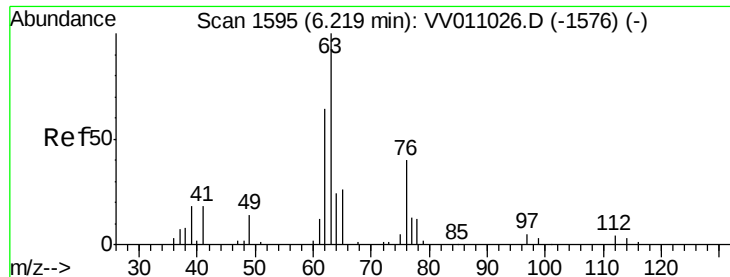
83 100

85 145.0 45.6 84.8#



Abundance Ion 83.00 (82.70 to 83.70): VV011026.D (-1019) (-)

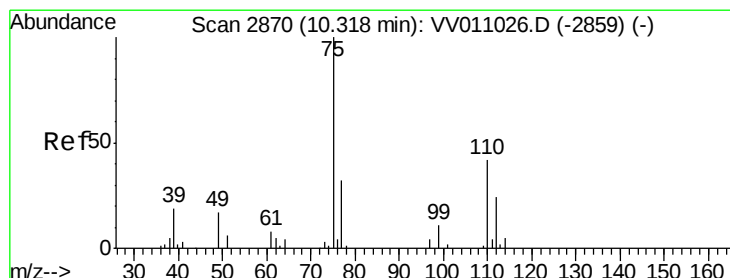
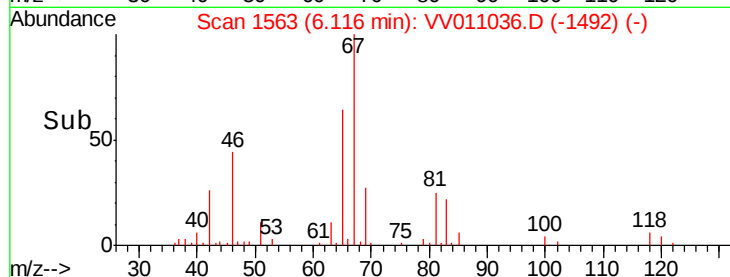
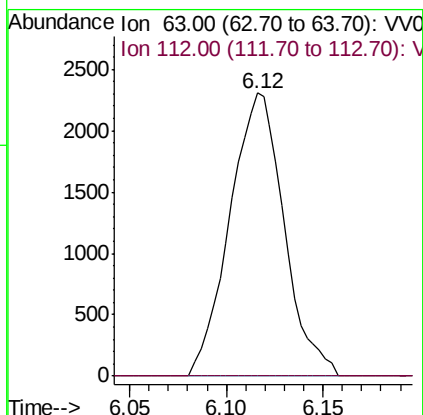
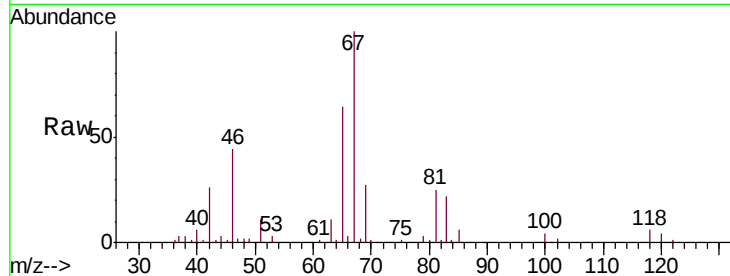




#40
 1,2-Dichloropropane
 Concen: 2.986 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV011036.D
 Acq: 23 May 2019 19:25

Instrument :
 MSVOA_V
 ClientSampled :
 A51C2

Tgt Ion: 63 Resp: 4499
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#59
 1,2,3-Trichloropropane
 Concen: 3.506 ug/L
 RT: 11.29 min Scan# 3173
 Delta R.T. 0.97 min
 Lab File: VV011036.D
 Acq: 23 May 2019 19:25

Tgt Ion: 75 Resp: 4354
 Ion Ratio Lower Upper
 75 100
 77 35.6 25.4 38.2

