

Data File : VV011046.D
Acq On : 24 May 2019 02:15
Operator : SY/MD
Sample : K3016-14
Misc : 5.14G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A51D1

Quant Time: May 24 09:06:56 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	92792	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	92877	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	28610	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18202	17.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	68.84%
7) Chloroethane-d5	1.56	69	15471	21.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.40%
10) 1,1-Dichloroethene-d2	2.12	63	28632	14.08	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	56.32%
20) 2-Butanone-d5	3.94	46	35362	96.88	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	193.76%#
24) Chloroform-d	4.40	84	62734	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	5.08	65	38904	27.47	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.88%
29) Benzene-d6	5.09	84	119158	23.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	94.00%
33) 1,2-Dichloropropane-d6	6.12	67	41644	25.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.40%
37) Toluene-d8	7.36	98	92549	19.63	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.52%
38) trans-1,3-Dichloropropene-	7.66	79	14399	21.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.08%
39) 2-Hexanone-d5	8.13	63	27775	92.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	184.86%#
48) 1,1,2,2-Tetrachloroethane-	10.26	84	49555	30.81	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	123.24%#
61) 1,2-Dichlorobenzene-d4	11.67	152	26553	22.86	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.44%

Target Compounds

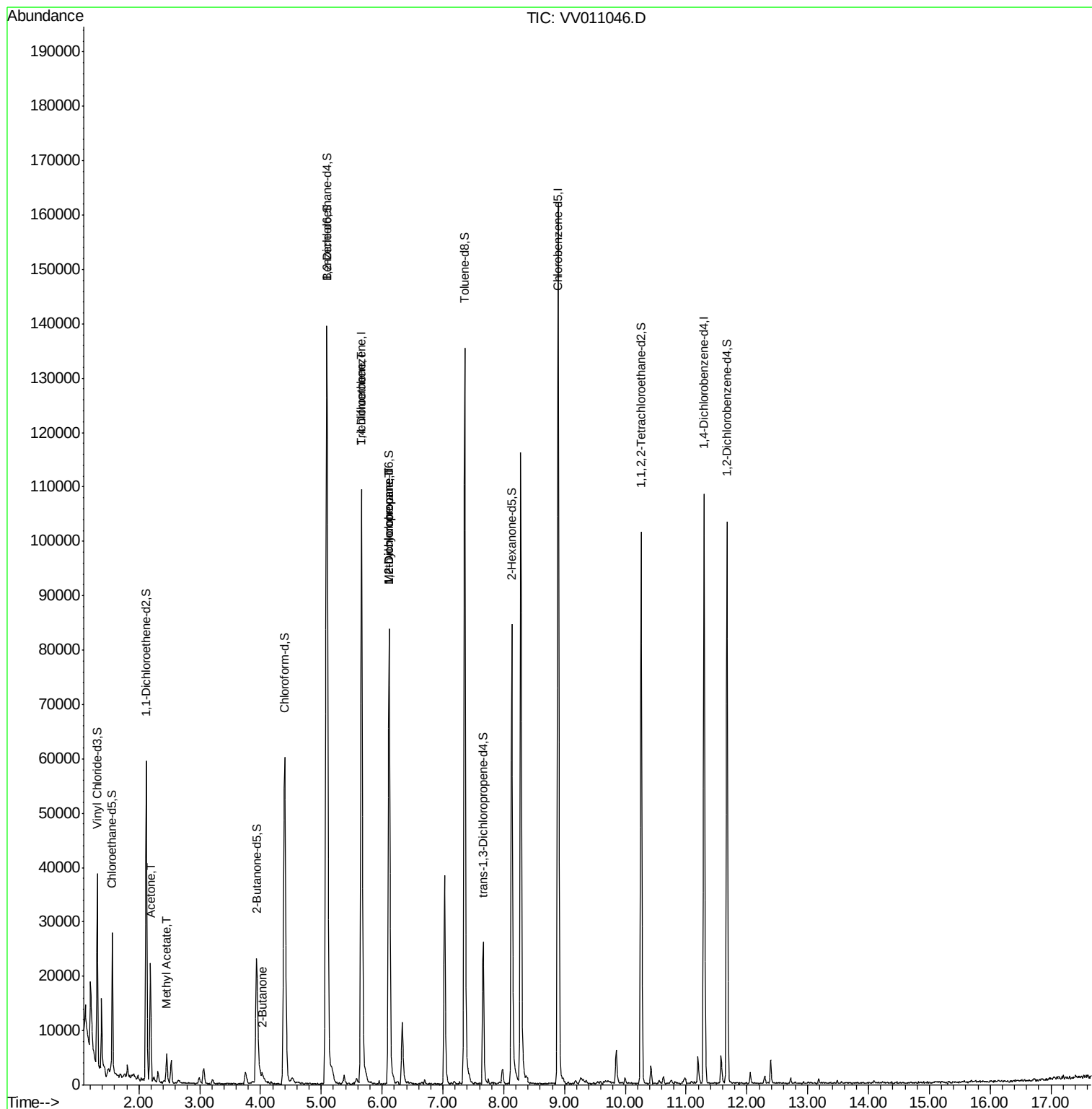
					Qvalue
13) Acetone	2.19	43	19294	54.811 ug/L	93
15) Methyl Acetate	2.46	43	5559	8.219 ug/L	95
21) 2-Butanone	4.03	43	2963	6.151 ug/L	94
35) Trichloroethene	5.66	95	2690	1.818 ug/L #	5
36) Methylcyclohexane	6.12	83	10173	4.652 ug/L #	22
40) 1,2-Dichloropropane	6.12	63	4632	3.292 ug/L #	86

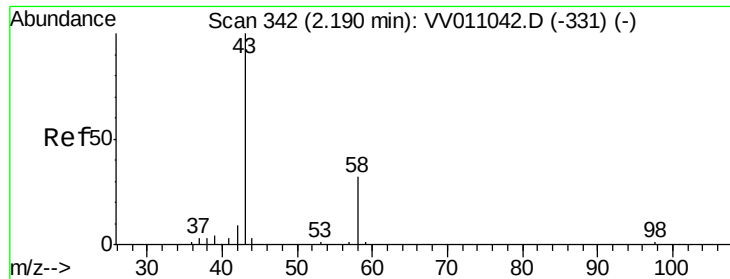
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 54.811 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.00 min

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Acq: 24 May 2019 02:15

Instrument :

MSVOA_V

ClientSampled :

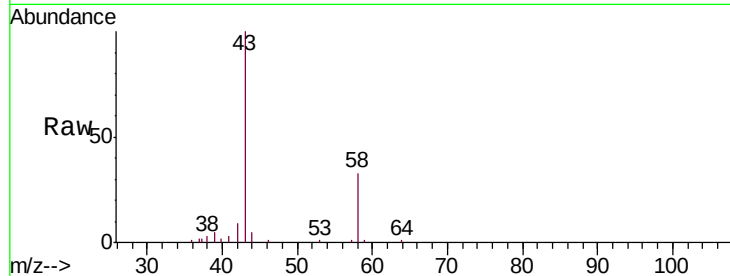
A51D1

Tgt Ion: 43 Resp: 19294

Ion Ratio Lower Upper

43 100

58 34.2 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) (-)

15000

10000

5000

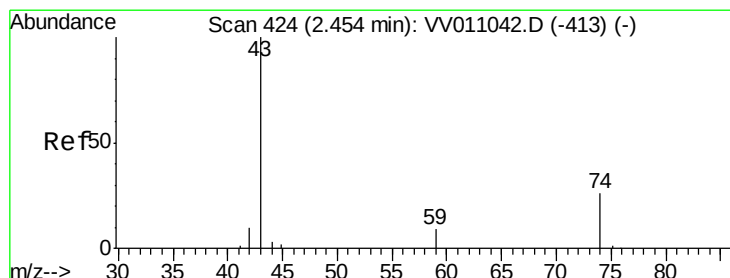
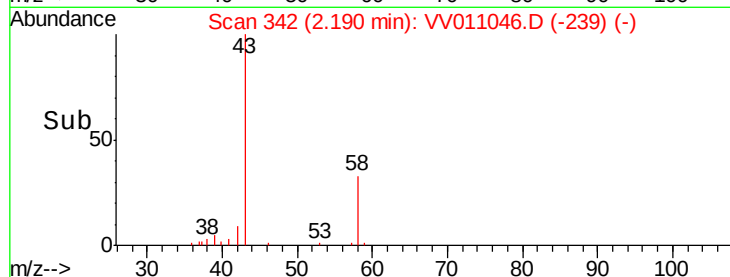
0

2.15

2.20

2.25

Time-->



#15

Methyl Acetate

Concen: 8.219 ug/L

RT: 2.46 min Scan# 425

Delta R.T. 0.00 min

Lab File: VV011046.D

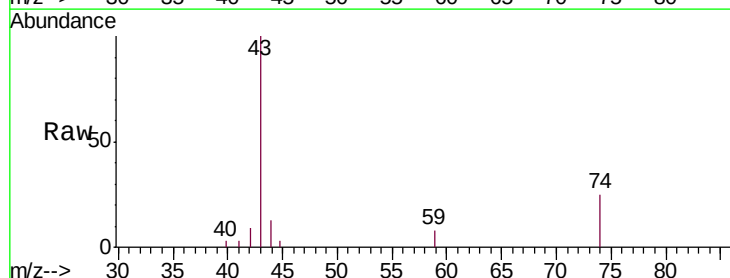
Acq: 24 May 2019 02:15

Tgt Ion: 43 Resp: 5559

Ion Ratio Lower Upper

43 100

74 23.8 21.1 31.7



Abundance Ion 43.00 (42.70 to 43.70): VV011046.D (-321) (-)

Ion 74.00 (73.70 to 74.70): VV011046.D (-321) (-)

4000

3000

2000

1000

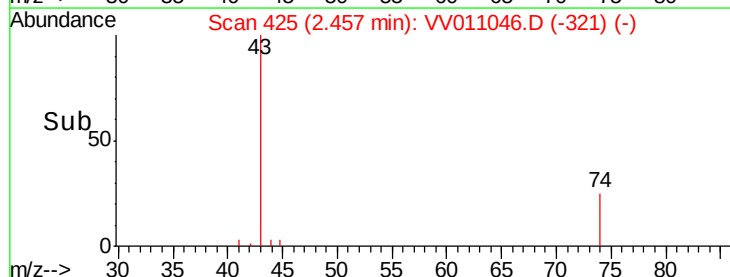
0

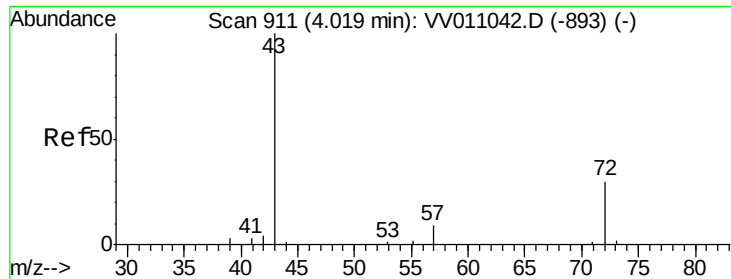
2.40

2.45

2.50

Time-->





#21

2-Butanone

Concen: 6.151 ug/L

RT: 4.03 min Scan# 914

Delta R.T. 0.01 min

Lab File: VV011046.D

Acq: 24 May 2019 02:15

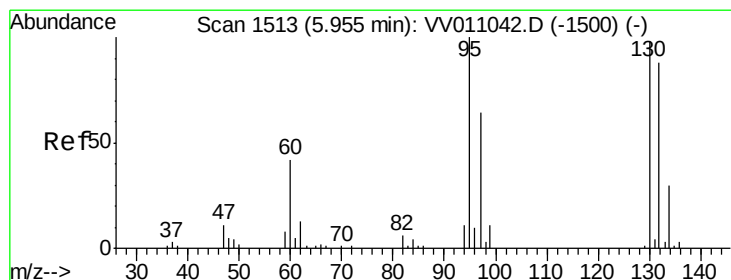
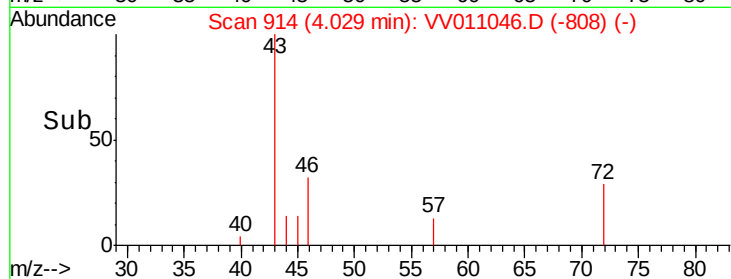
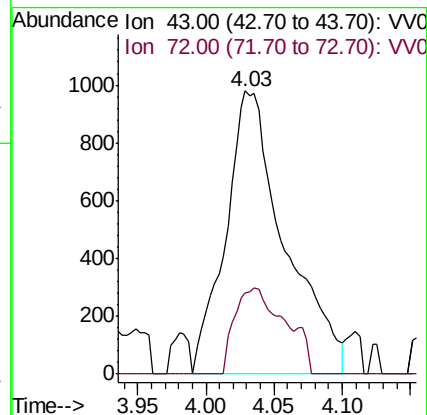
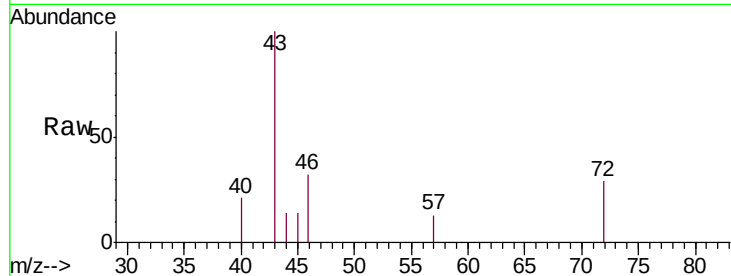
Instrument :
MSVOA_V
ClientSampled :
A51D1

Tgt Ion: 43 Resp: 2963

Ion Ratio Lower Upper

43 100

72 23.2 13.1 39.3



#35

Trichloroethene

Concen: 1.818 ug/L

RT: 5.66 min Scan# 1422

Delta R.T. -0.29 min

Lab File: VV011046.D

Acq: 24 May 2019 02:15

Tgt Ion: 95 Resp: 2690

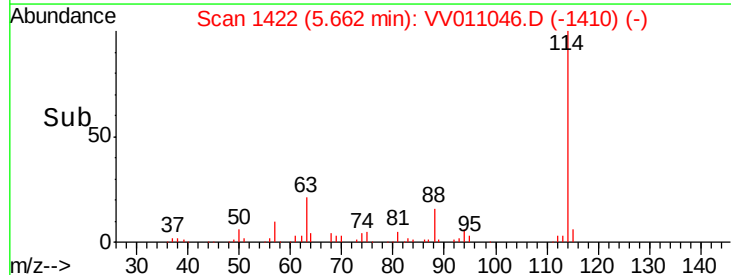
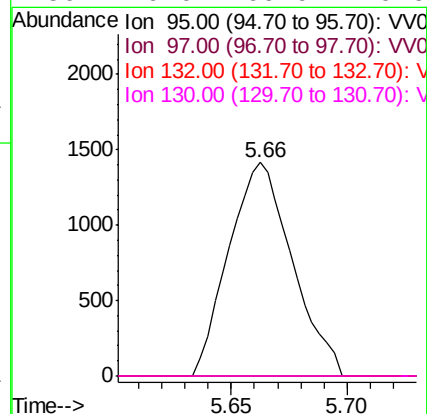
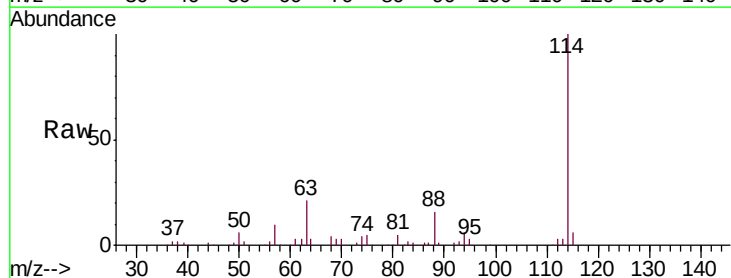
Ion Ratio Lower Upper

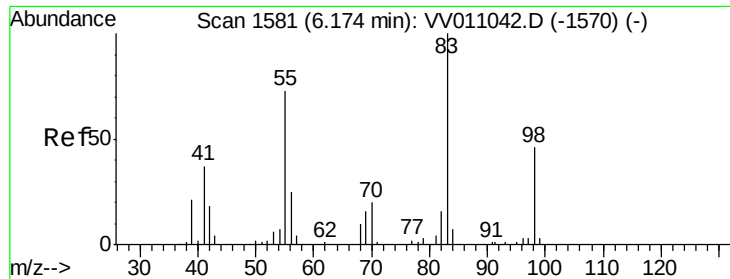
95 100

97 0.0 43.4 80.6#

132 0.0 68.8 127.8#

130 0.0 69.9 129.9#

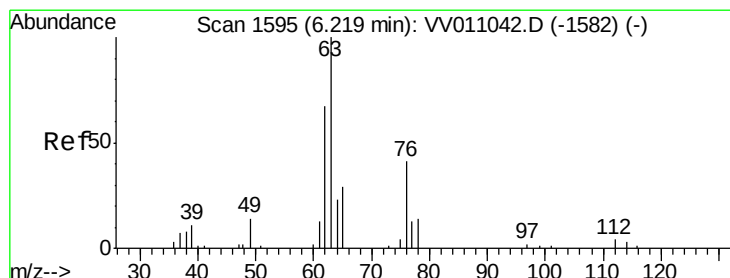
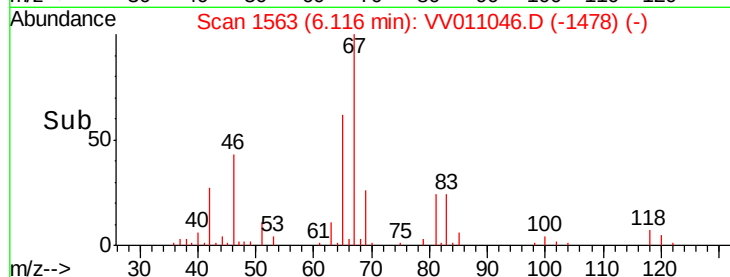
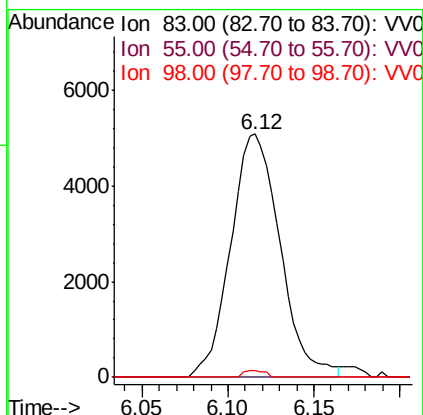
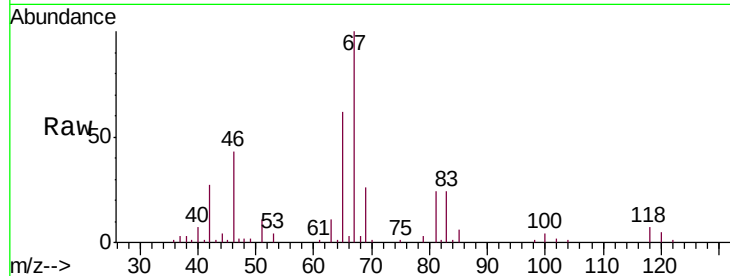




#36
Methylcyclohexane
Concen: 4.652 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011046.D
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MSVOA_V
ClientSampleId :
A51D1

Tgt Ion: 83 Resp: 10173
Ion Ratio Lower Upper
83 100
55 1.4 57.0 85.4#
98 1.2 36.2 54.4#



#40
1,2-Dichloropropane
Concen: 3.292 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011046.D
Acq: 24 May 2019 02:15

Tgt Ion: 63 Resp: 4632
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#

