

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006767.D
 Acq On : 30 Jul 2018 17:22
 Operator : SY/MD
 Sample : J4190-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 18:08:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 16:58:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	225304	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	213207	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	84822	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66648	5.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.60%
7) Chloroethane-d5	1.58	69	54716	5.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.80%
11) 1,1-Dichloroethene-d2	2.13	63	90592	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.80%
20) 2-Butanone-d5	3.95	46	188996	51.58	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.16%
24) Chloroform-d	4.41	84	122943	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
26) 1,2-Dichloroethane-d4	5.09	65	64426	6.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	120.20%
32) Benzene-d6	5.10	84	251987	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
36) 1,2-Dichloropropane-d6	6.12	67	84233	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.80%
41) Toluene-d8	7.37	98	206095	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.60%
43) trans-1,3-Dichloropropene-	7.67	79	25205	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.14	63	146383	47.86	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.72%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63476	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	76307	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

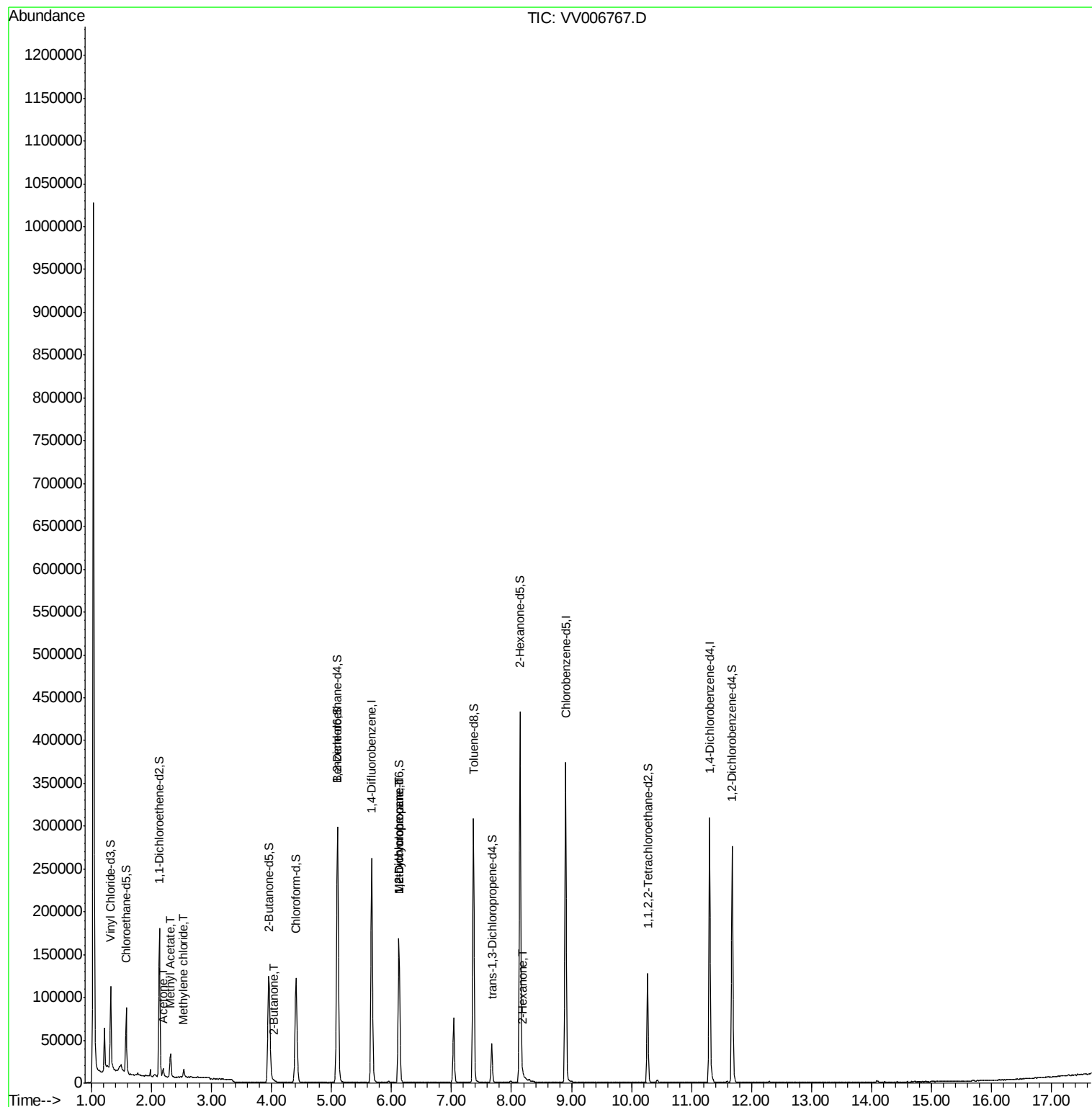
					Ovalue
13) Acetone	2.19	43	7522	3.227 ug/L	94
15) Methyl Acetate	2.32	43	6416	0.928 ug/L #	49
16) Methylene chloride	2.54	84	3612	0.213 ug/L	98
21) 2-Butanone	4.04	43	1200	0.307 ug/L #	51
35) Methylcyclohexane	6.12	83	19936	0.738 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	8708	0.529 ug/L #	86
48) 2-Hexanone	8.19	43	3576	0.567 ug/L #	93

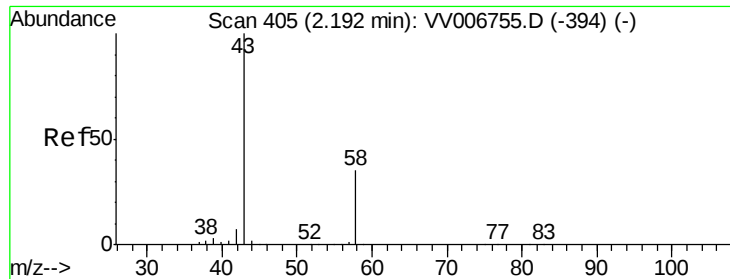
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 3.227 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006767.D

Acq: 30 Jul 2018 17:22

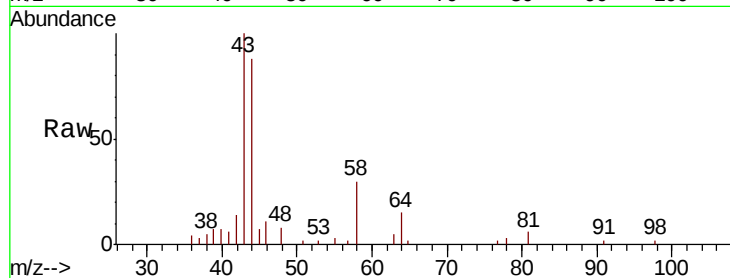
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 7522

Ion Ratio Lower Upper

43 100

58 32.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006767.D (-315) (-)

Ion 58.05 (57.75 to 58.75): VV006767.D (-315) (-)

6000

5000

4000

3000

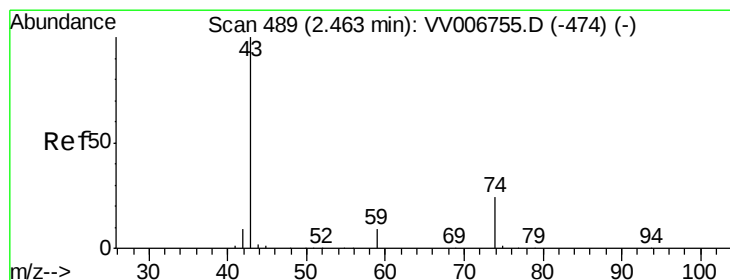
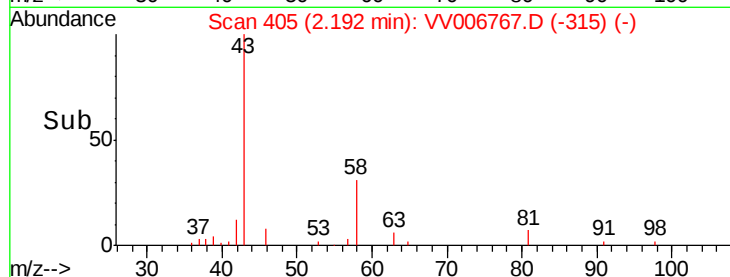
2000

1000

0

Time--> 2.10 2.15 2.20 2.25

2.19



#15

Methyl Acetate

Concen: 0.928 ug/L

RT: 2.32 min Scan# 444

Delta R.T. -0.15 min

Lab File: VV006767.D

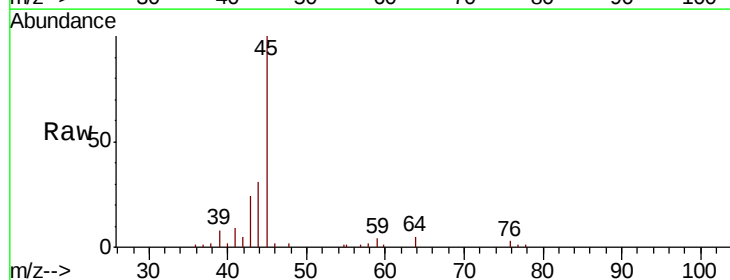
Acq: 30 Jul 2018 17:22

Tgt Ion: 43 Resp: 6416

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006767.D (-397) (-)

Ion 74.05 (73.75 to 74.75): VV006767.D (-397) (-)

4000

3000

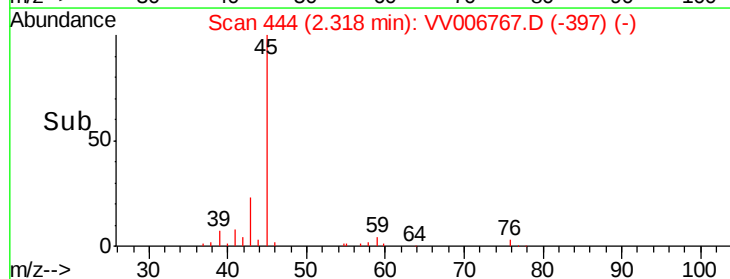
2000

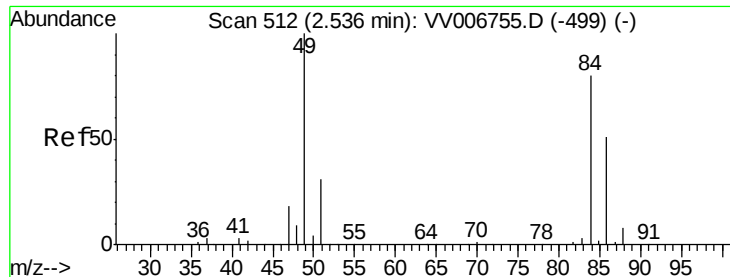
1000

0

Time--> 2.25 2.30 2.35 2.40

2.32

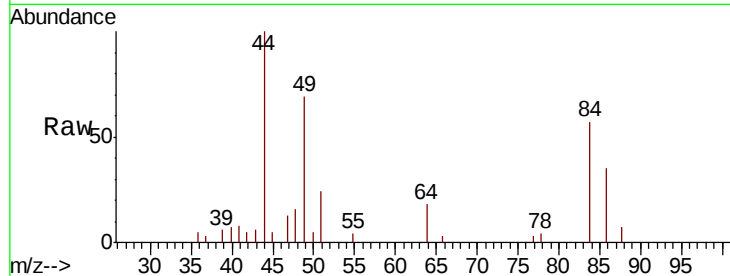




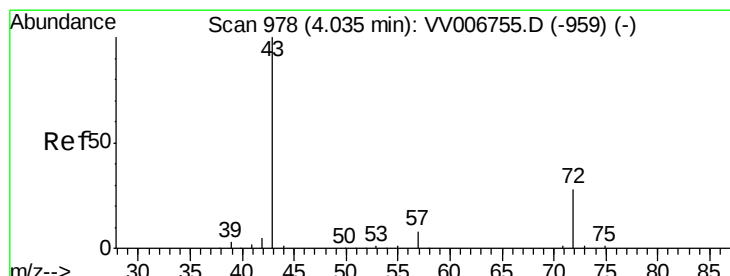
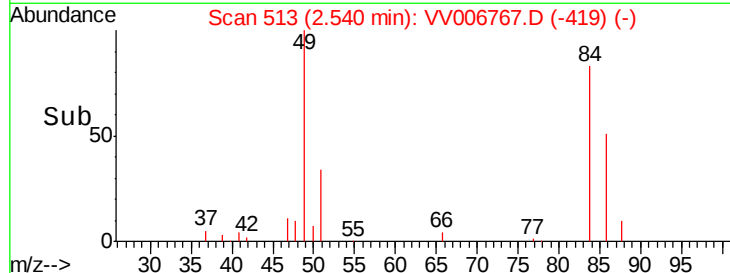
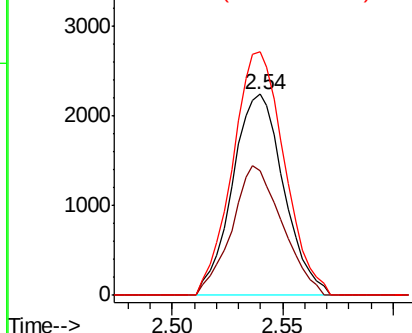
#16
Methvlene chloride
Concen: 0.213 ug/L
RT: 2.54 min Scan# 513
Delta R.T. 0.00 min
Lab File: VV006767.D
Acq: 30 Jul 2018 17:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 84 Resp: 3612
Ion Ratio Lower Upper
84 100
86 61.8 44.7 83.1
49 121.1 86.7 160.9

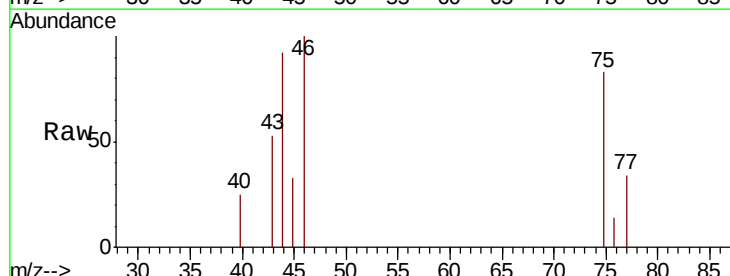


Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0

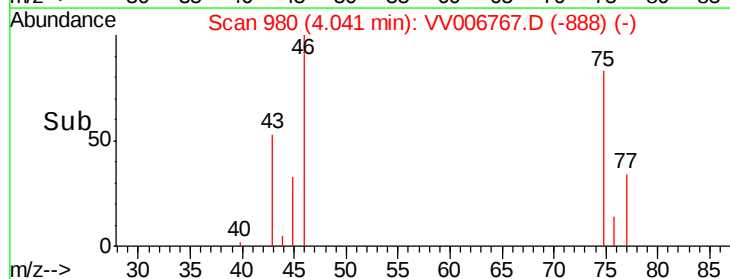
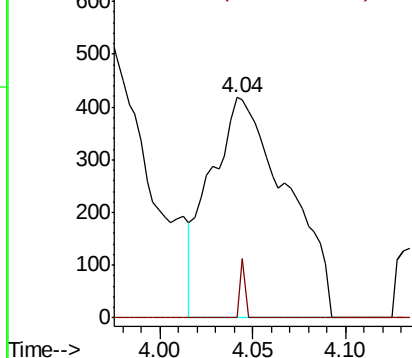


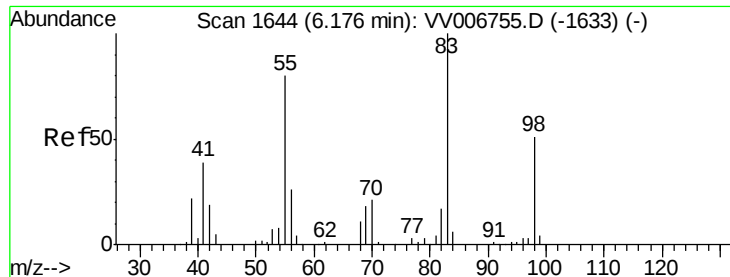
#21
2-Butanone
Concen: 0.307 ug/L
RT: 4.04 min Scan# 980
Delta R.T. -0.00 min
Lab File: VV006767.D
Acq: 30 Jul 2018 17:22

Tgt Ion: 43 Resp: 1200
Ion Ratio Lower Upper
43 100
72 1.8 13.8 41.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0

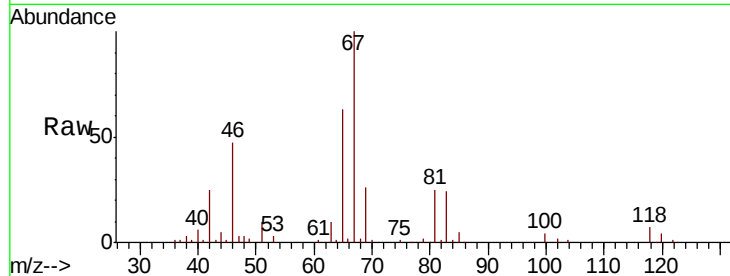




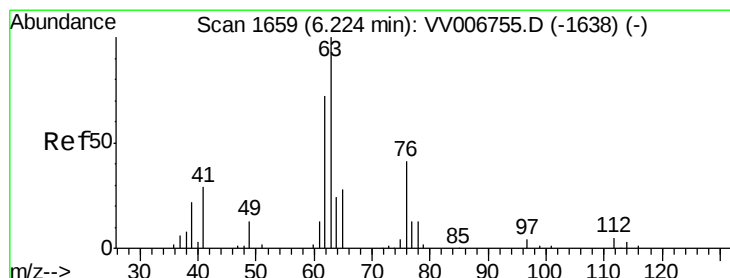
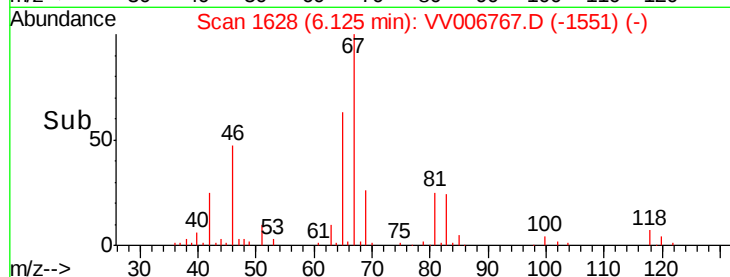
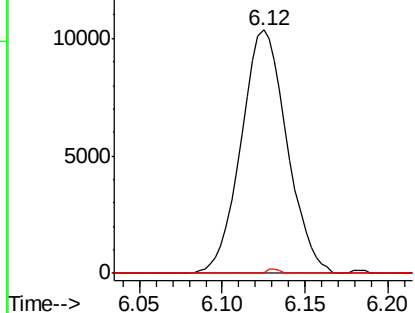
#35
Methvlcvclohexane
Concen: 0.738 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006767.D
Acq: 30 Jul 2018 17:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 19936
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.5 39.7 59.5#

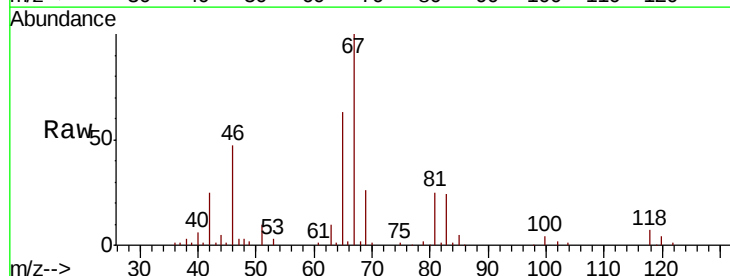


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

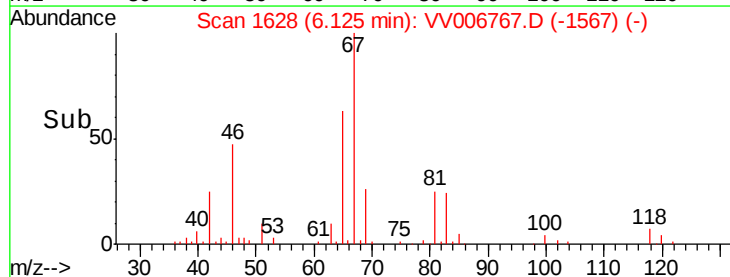
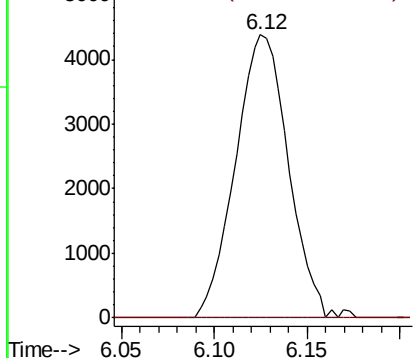


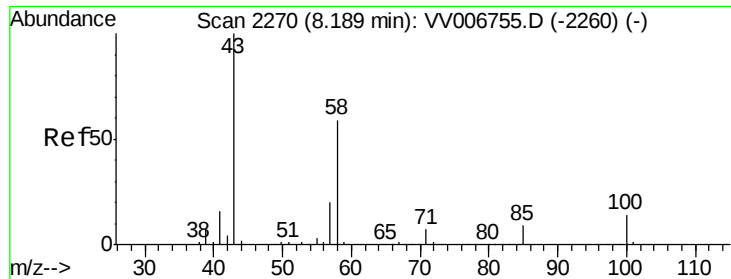
#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006767.D
Acq: 30 Jul 2018 17:22

Tgt Ion: 63 Resp: 8708
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 0.567 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

Lab File: VV006767.D

Acq: 30 Jul 2018 17:22

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 3576

Ion Ratio Lower Upper

43 100

58 59.1 47.2 70.8

57 9.3 16.1 24.1#

100 7.6 11.1 16.7#

