

Data Path : \\74.0.250.170\TERASTORAGE\VOASRV\HPCHEM1\MSVOA_V\DATA\VV081518\
 Data File : VV007025.D
 Acq On : 15 Aug 2018 21:26
 Operator : SY/MD
 Sample : J4487-09
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z5

Quant Time: Aug 16 02:50:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 16 02:48:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	200180	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	194228	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	77756	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62463	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.58	69	52189	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	2.13	63	86582	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.97	46	163963	44.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.24%
24) Chloroform-d	4.41	84	117402	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.09	65	62378	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	5.10	84	229909	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	6.12	67	78281	4.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.80%
41) Toluene-d8	7.37	98	168910	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.60%
43) trans-1,3-Dichloropropene-	7.67	79	24338	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	8.15	63	72374	29.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	57384	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	60163	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

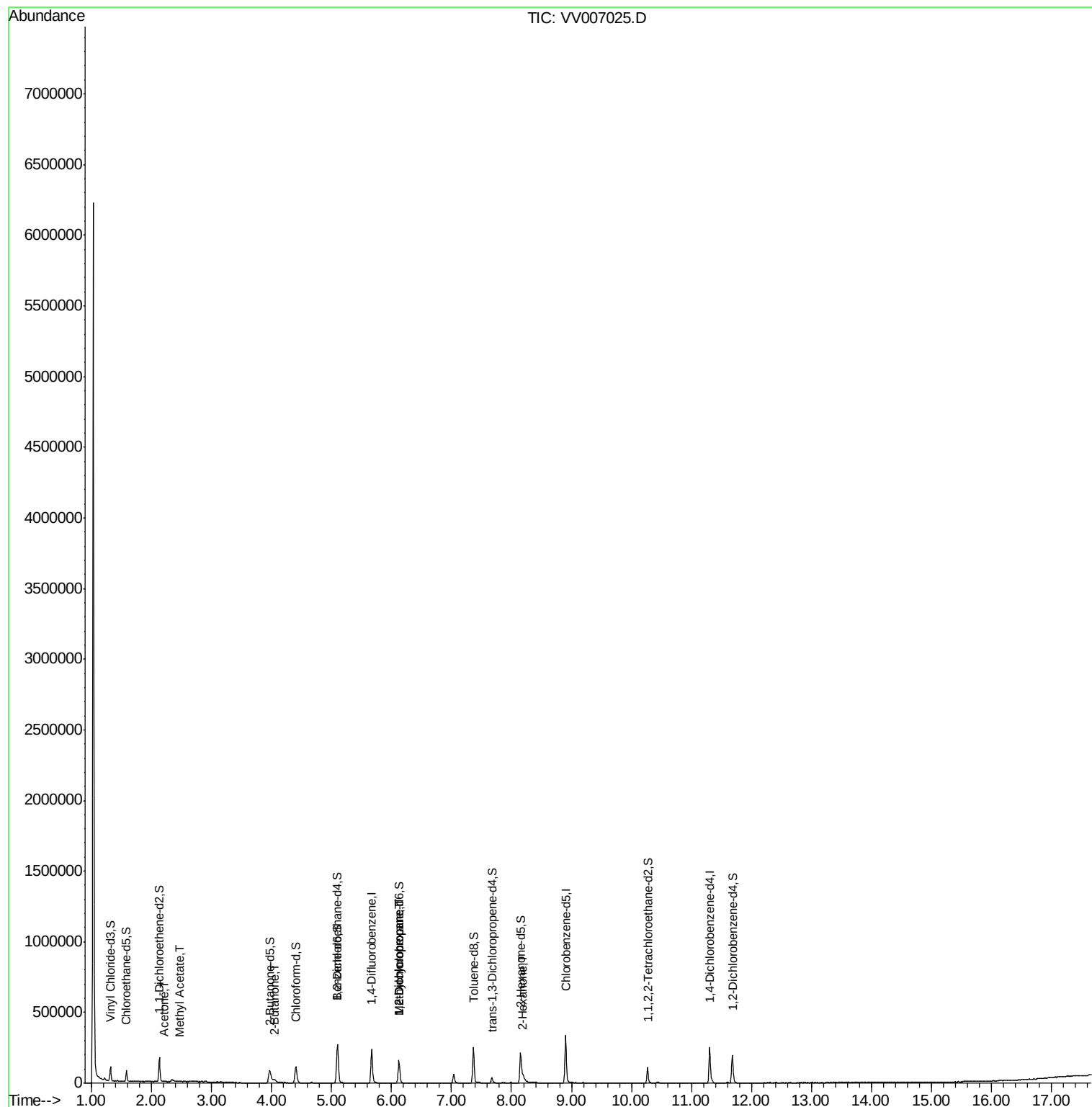
					Qvalue
13) Acetone	2.21	43	3558	1.859 ug/L	87
15) Methyl Acetate	2.47	43	2353	0.437 ug/L	93
21) 2-Butanone	4.05	43	1390	0.335 ug/L	81
35) Methylcyclohexane	6.12	83	17517	0.676 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8063	0.438 ug/L #	87
48) 2-Hexanone	8.20	43	21112	3.009 ug/L #	85

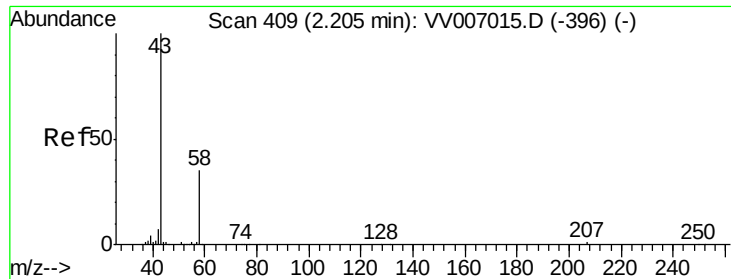
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.859 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.00 min

Lab File: VV007025.D

Acq: 15 Aug 2018 21:26

Instrument :

MSVOA_V

ClientSampleId :

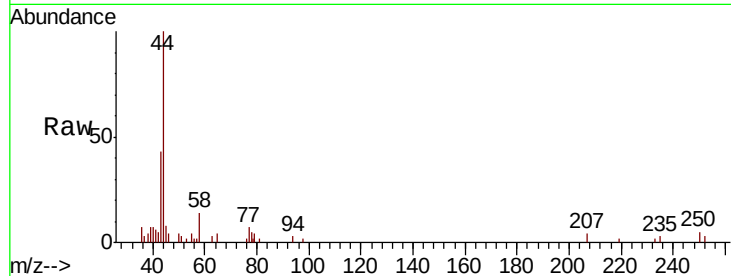
C02Z5

Tgt Ion: 43 Resp: 3558

Ion Ratio Lower Upper

43 100

58 43.2 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007015.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007015.D (-396) (-)

2.21

2500

2000

1500

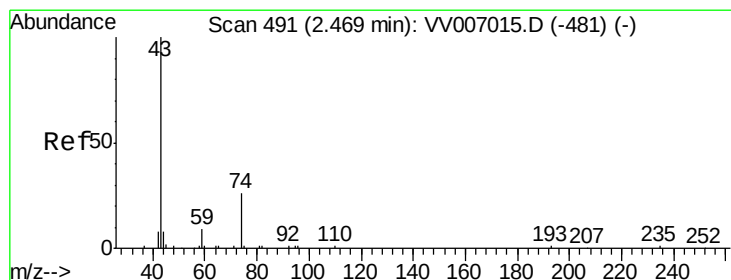
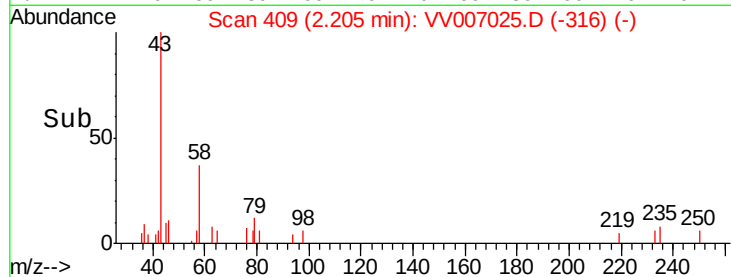
1000

500

0

2.15 2.20 2.25

Time-->



#15

Methyl Acetate

Concen: 0.437 ug/L

RT: 2.47 min Scan# 490

Delta R.T. -0.00 min

Lab File: VV007025.D

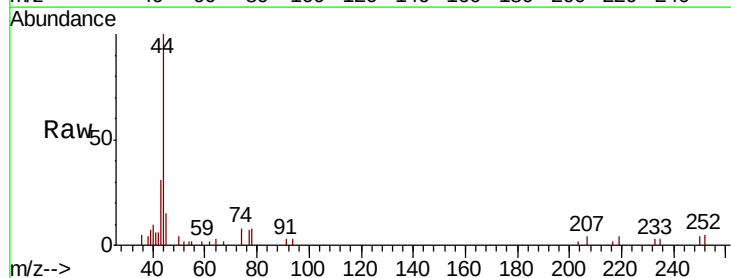
Acq: 15 Aug 2018 21:26

Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

43 100

74 27.2 24.6 37.0



Abundance Ion 43.05 (42.75 to 43.75): VV007015.D (-481) (-)

Ion 74.05 (73.75 to 74.75): VV007015.D (-481) (-)

2.47

1500

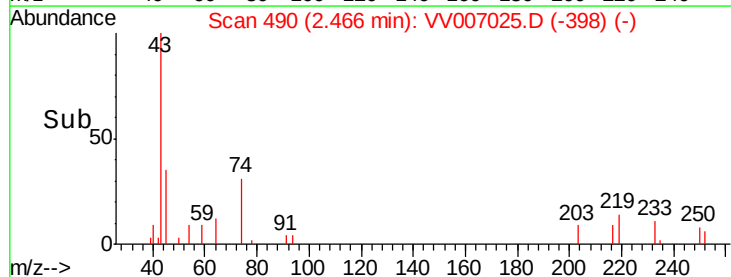
1000

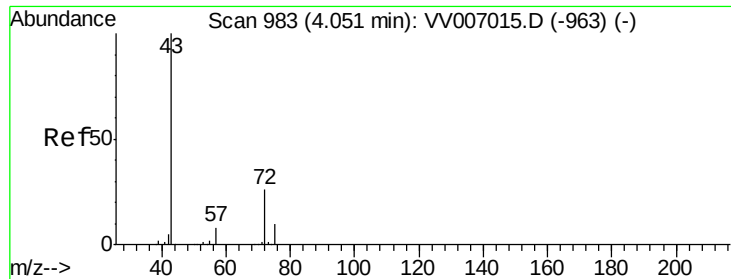
500

0

2.40 2.45 2.50

Time-->





#21

2-Butanone

Concen: 0.335 ug/L

RT: 4.05 min Scan# 982

Delta R.T. -0.00 min

Lab File: VV007025.D

Acq: 15 Aug 2018 21:26

Instrument :

MSVOA_V

ClientSampleId :

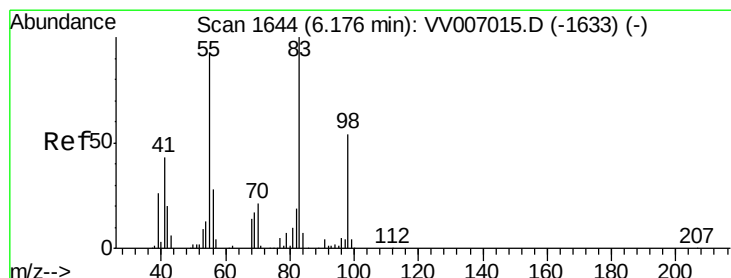
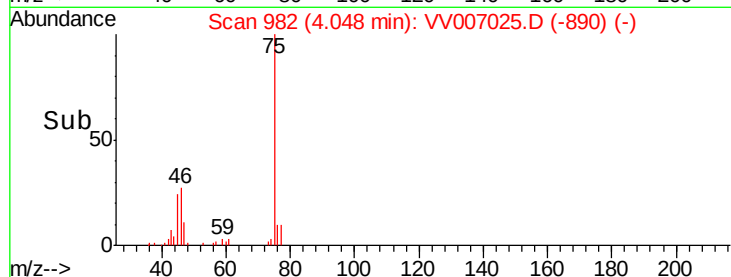
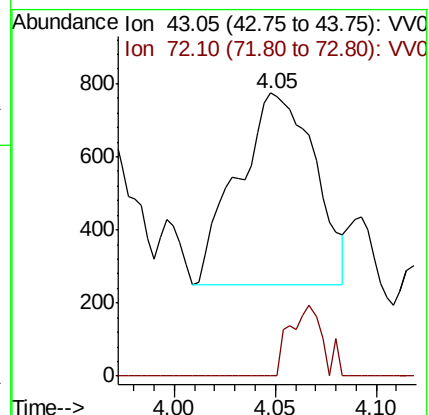
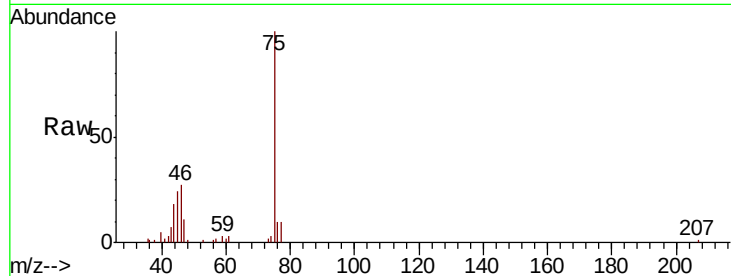
C02Z5

Tgt Ion: 43 Resp: 1390

Ion Ratio Lower Upper

43 100

72 15.5 12.4 37.2



#35

Methylcyclohexane

Concen: 0.676 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007025.D

Acq: 15 Aug 2018 21:26

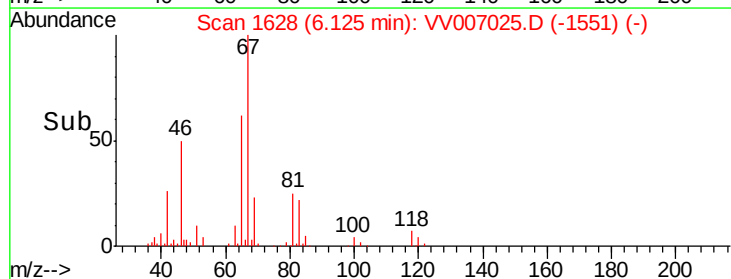
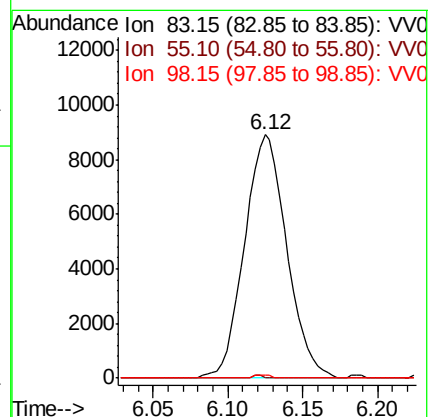
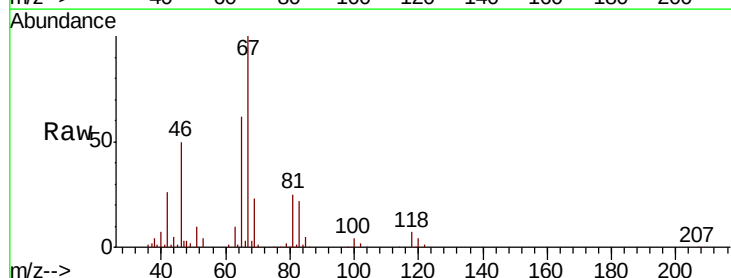
Tgt Ion: 83 Resp: 17517

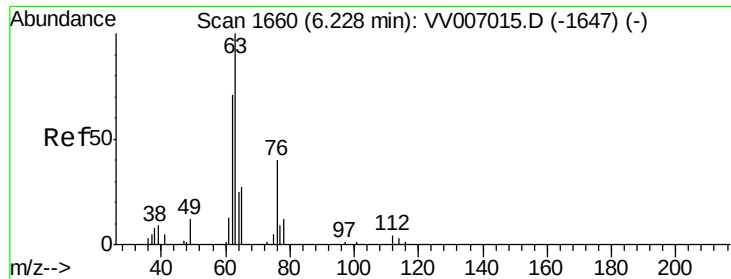
Ion Ratio Lower Upper

83 100

55 0.3 68.1 102.1#

98 0.5 37.9 56.9#

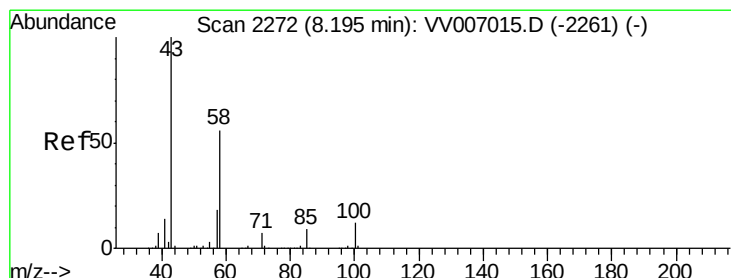
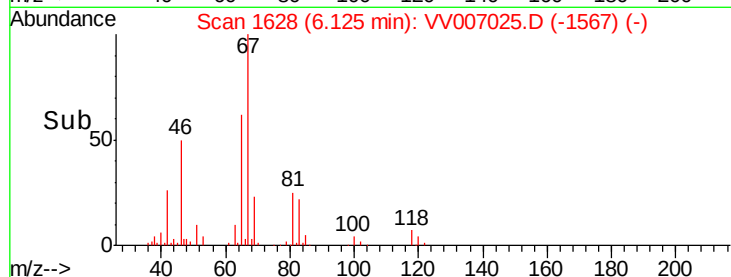
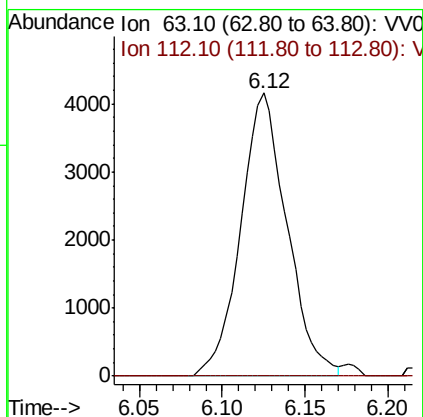
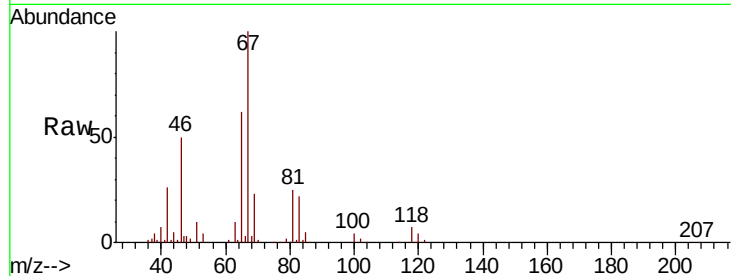




#37
 1,2-Dichloropropane
 Concen: 0.438 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007025.D
 Acq: 15 Aug 2018 21:26

Instrument :
 MSVOA_V
 ClientSampleId :
 C02Z5

Tgt Ion: 63 Resp: 8063
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.5 5.3#



#48
 2-Hexanone
 Concen: 3.009 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007025.D
 Acq: 15 Aug 2018 21:26

Tgt Ion: 43 Resp: 21112
 Ion Ratio Lower Upper
 43 100
 58 40.8 44.2 66.2#
 57 21.2 14.8 22.2
 100 7.4 8.8 13.2#

