

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV062618\
 Data File : VV006468.D
 Acq On : 26 Jun 2018 15:41
 Operator : SY/MD
 Sample : J3673-15
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA8

Quant Time: Jun 27 02:23:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 27 02:22:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	334683	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	302718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	135978	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	90372	4.11	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.20%
7) Chloroethane-d5	1.59	69	75340	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.13	63	124040	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.96	46	203514	49.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.70%
24) Chloroform-d	4.41	84	163451	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.09	65	81820	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.11	84	359398	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.12	67	107361	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	7.37	98	325006	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	7.67	79	31189	3.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.20%
46) 2-Hexanone-d5	8.14	63	155331	45.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	63721	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	120807	4.78	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.60%

Target Compounds

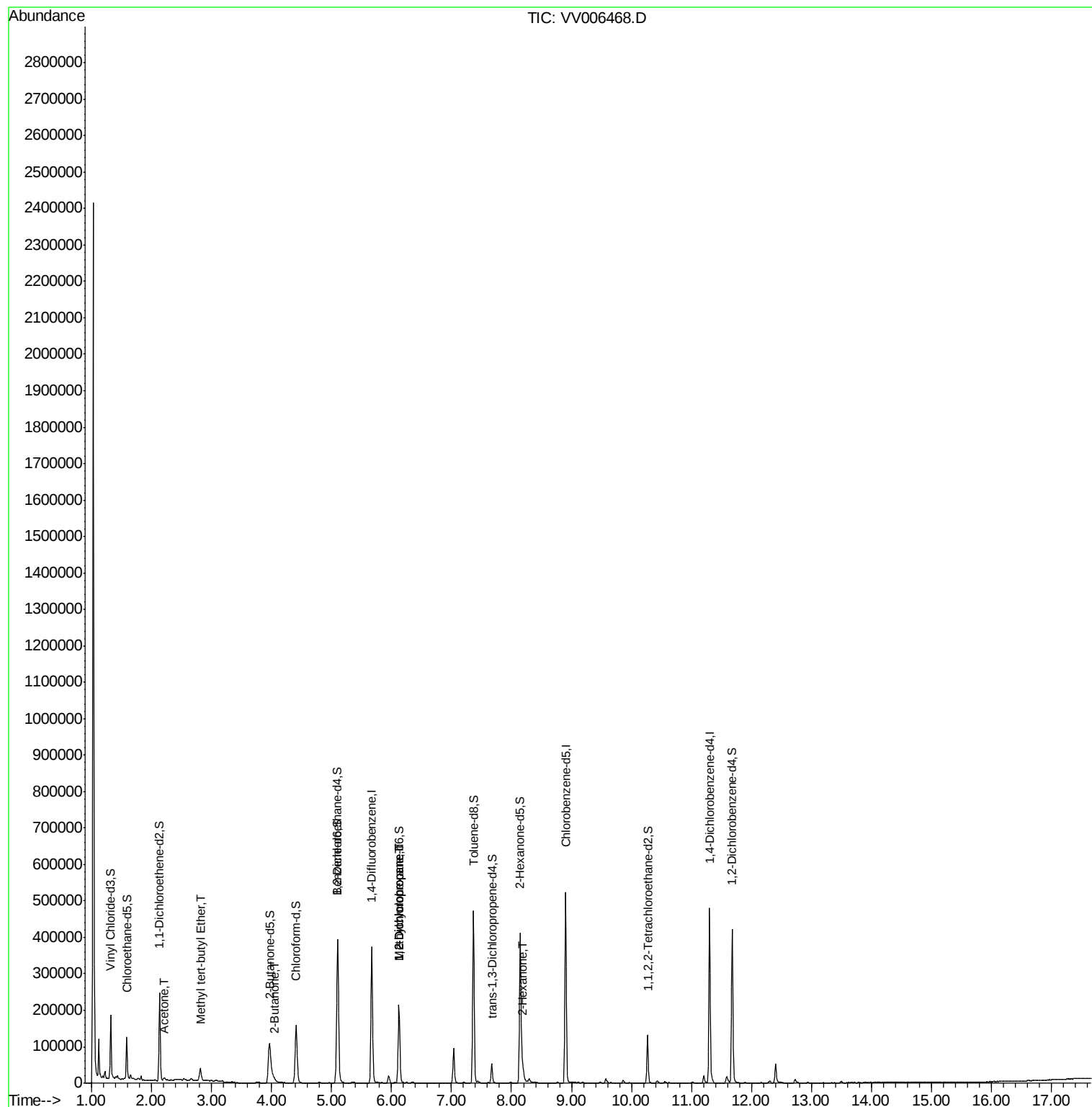
					Qvalue
13) Acetone	2.22	43	9874	3.907 ug/L	100
17) Methyl tert-butyl Ether	2.81	73	34372	0.701 ug/L	92
21) 2-Butanone	4.05	43	1238	0.271 ug/L #	68
35) Methylcyclohexane	6.12	83	26580	0.715 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	11080	0.507 ug/L #	85
48) 2-Hexanone	8.19	43	21530	2.815 ug/L #	81

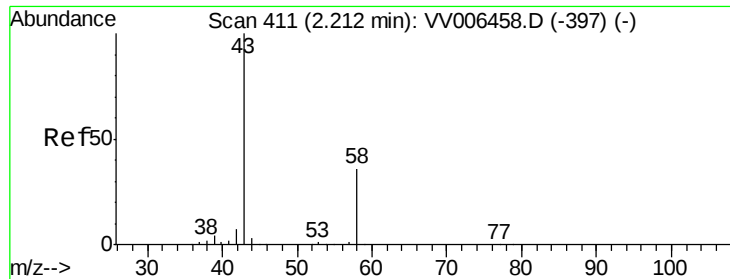
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.907 ug/L

RT: 2.22 min Scan# 412

Delta R.T. 0.00 min

Lab File: VV006468.D

Acq: 26 Jun 2018 15:41

Instrument :

MSVOA_V

ClientSampleId :

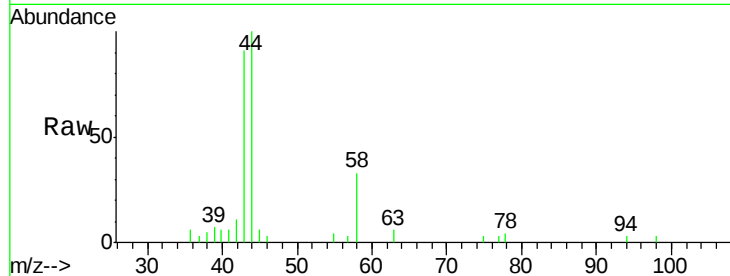
DAZA8

Tgt Ion: 43 Resp: 9874

Ion Ratio Lower Upper

43 100

58 38.5 0.0 77.4

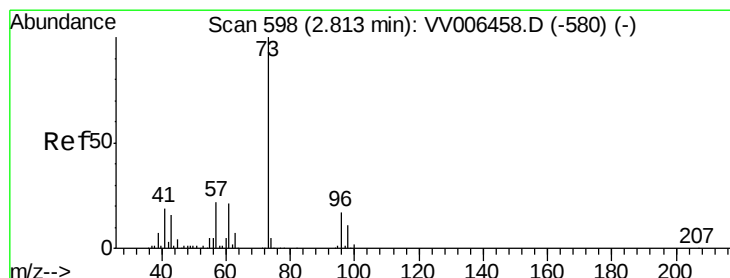
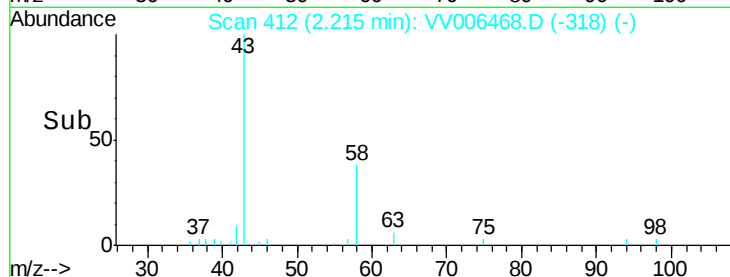


Abundance Ion 43.05 (42.75 to 43.75): VV006468.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006468.D (-397) (-)

2.22

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.701 ug/L

RT: 2.81 min Scan# 598

Delta R.T. 0.00 min

Lab File: VV006468.D

Acq: 26 Jun 2018 15:41

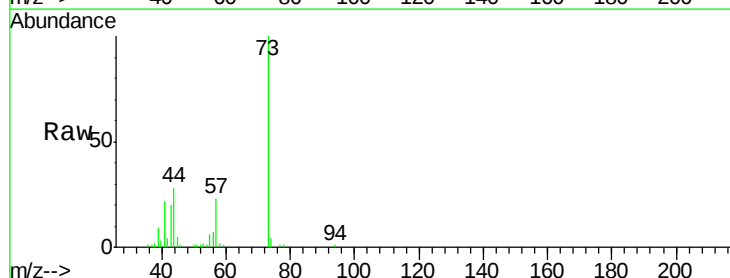
Tgt Ion: 73 Resp: 34372

Ion Ratio Lower Upper

73 100

43 18.5 12.9 19.3

57 26.2 17.5 26.3



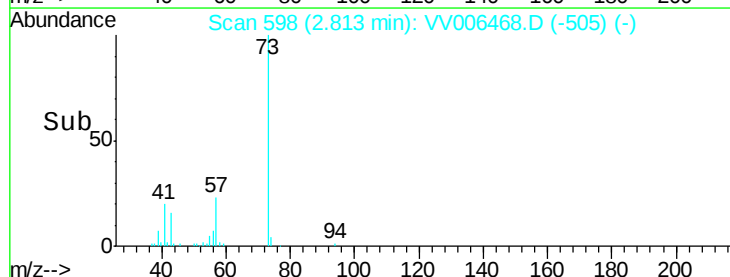
Abundance Ion 73.10 (72.80 to 73.80): VV006468.D (-580) (-)

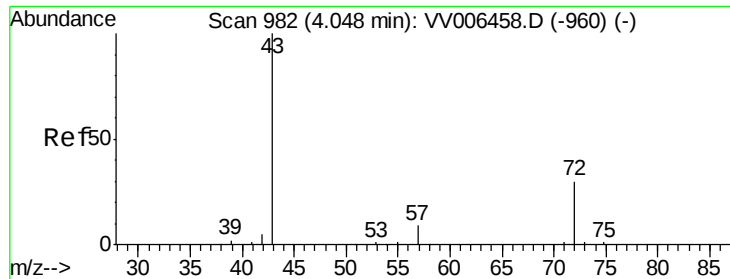
Ion 43.05 (42.75 to 43.75): VV006468.D (-580) (-)

Ion 57.10 (56.80 to 57.80): VV006468.D (-580) (-)

2.81

Time-->





#21

2-Butanone

Concen: 0.271 ug/L

RT: 4.05 min Scan# 984

Delta R.T. 0.01 min

Lab File: VV006468.D

Acq: 26 Jun 2018 15:41

Instrument :

MSVOA_V

ClientSampleId :

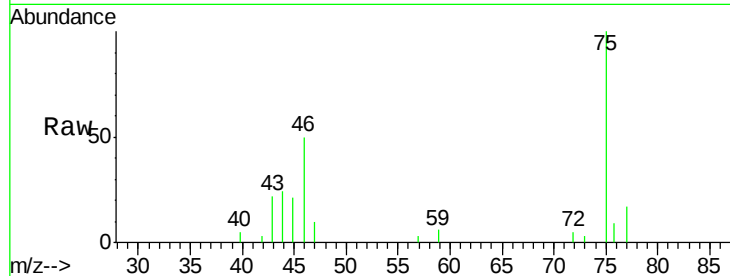
DAZA8

Tgt Ion: 43 Resp: 1238

Ion Ratio Lower Upper

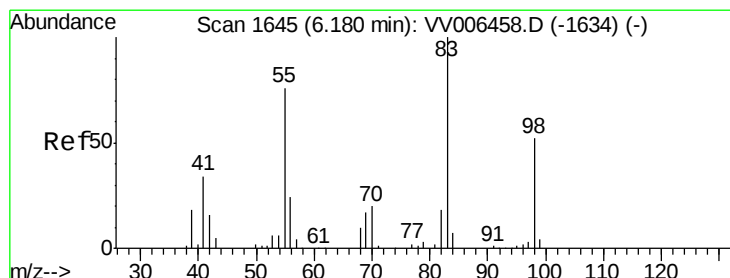
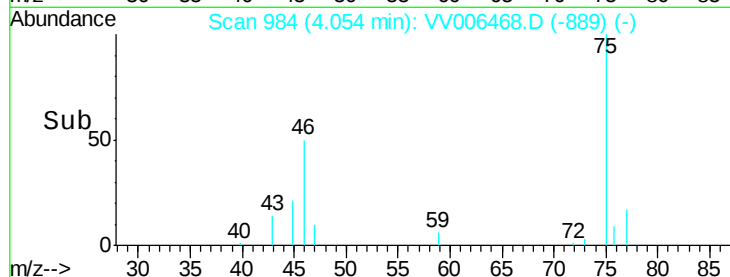
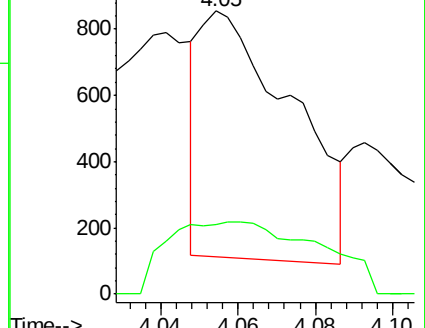
43 100

72 48.1 15.4 46.1#



Abundance Ion 43.05 (42.75 to 43.75): VV006458.D (-960) (-)

Ion 72.10 (71.80 to 72.80): VV006458.D (-960) (-)



#35

Methylcyclohexane

Concen: 0.715 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006468.D

Acq: 26 Jun 2018 15:41

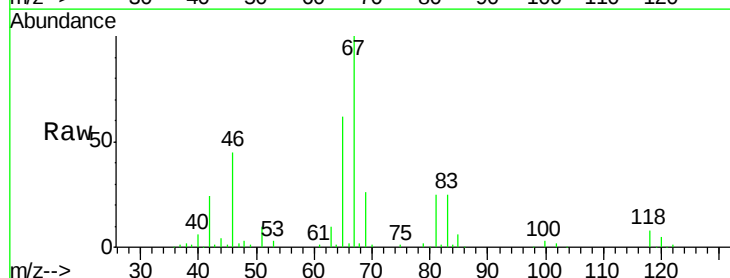
Tgt Ion: 83 Resp: 26580

Ion Ratio Lower Upper

83 100

55 0.0 57.5 86.3#

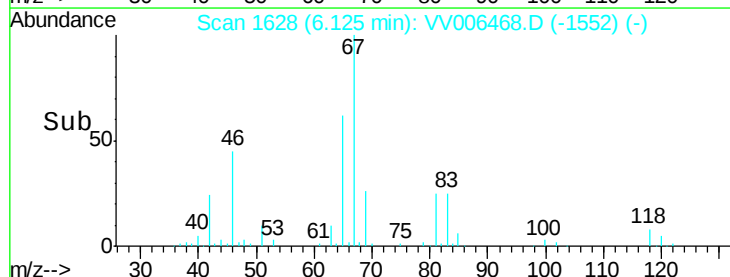
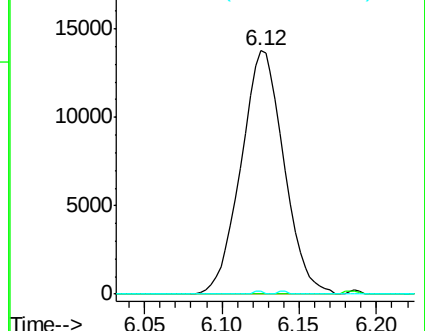
98 0.2 39.6 59.4#

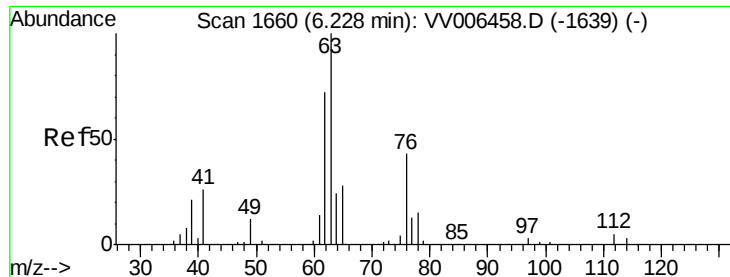


Abundance Ion 83.15 (82.85 to 83.85): VV006458.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV006458.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV006458.D (-1634) (-)

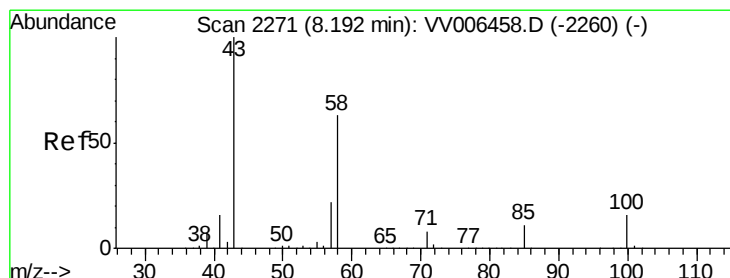
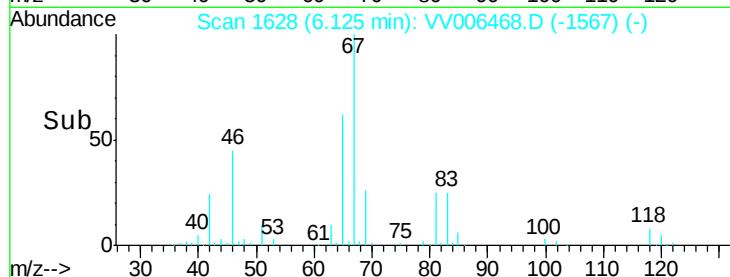
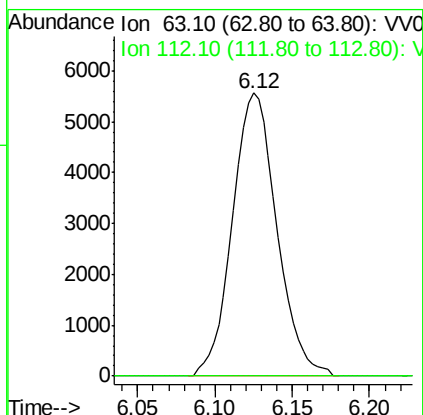
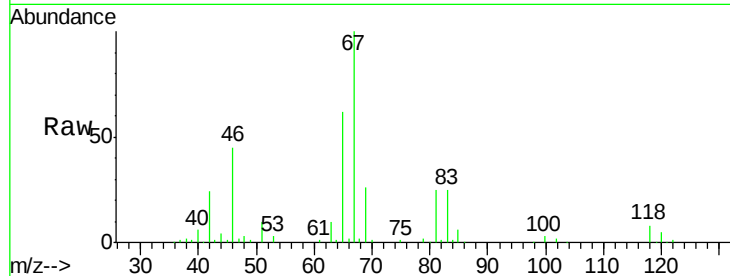




#37
 1,2-Dichloropropane
 Concen: 0.507 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006468.D
 Acq: 26 Jun 2018 15:41

Instrument :
 MSVOA_V
 ClientSampleId :
 DAZA8

Tgt Ion: 63 Resp: 11080
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.0 6.0#



#48
 2-Hexanone
 Concen: 2.815 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV006468.D
 Acq: 26 Jun 2018 15:41

Tgt Ion: 43 Resp: 21530
 Ion Ratio Lower Upper
 43 100
 58 46.8 49.9 74.9#
 57 15.0 17.3 25.9#
 100 8.0 12.5 18.7#

