

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072718\
 Data File : VV006728.D
 Acq On : 27 Jul 2018 15:32
 Operator : SY/MD
 Sample : J4190-07
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 28 02:28:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 28 02:24:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	165303	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	150552	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	58570	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	54011	6.28	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	125.60%
7) Chloroethane-d5	1.58	69	42807	6.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.80%
11) 1,1-Dichloroethene-d2	2.13	63	74626	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	3.96	46	141392	52.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.20%
24) Chloroform-d	4.41	84	93821	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	5.09	65	49065	6.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.60%
32) Benzene-d6	5.10	84	195686	6.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	126.40%#
36) 1,2-Dichloropropane-d6	6.12	67	63879	6.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	122.20%
41) Toluene-d8	7.37	98	158920	5.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.40%
43) trans-1,3-Dichloropropene-	7.67	79	18662	5.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.40%
46) 2-Hexanone-d5	8.14	63	99124	45.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.78%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	46760	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	55085	6.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.20%#

Target Compounds

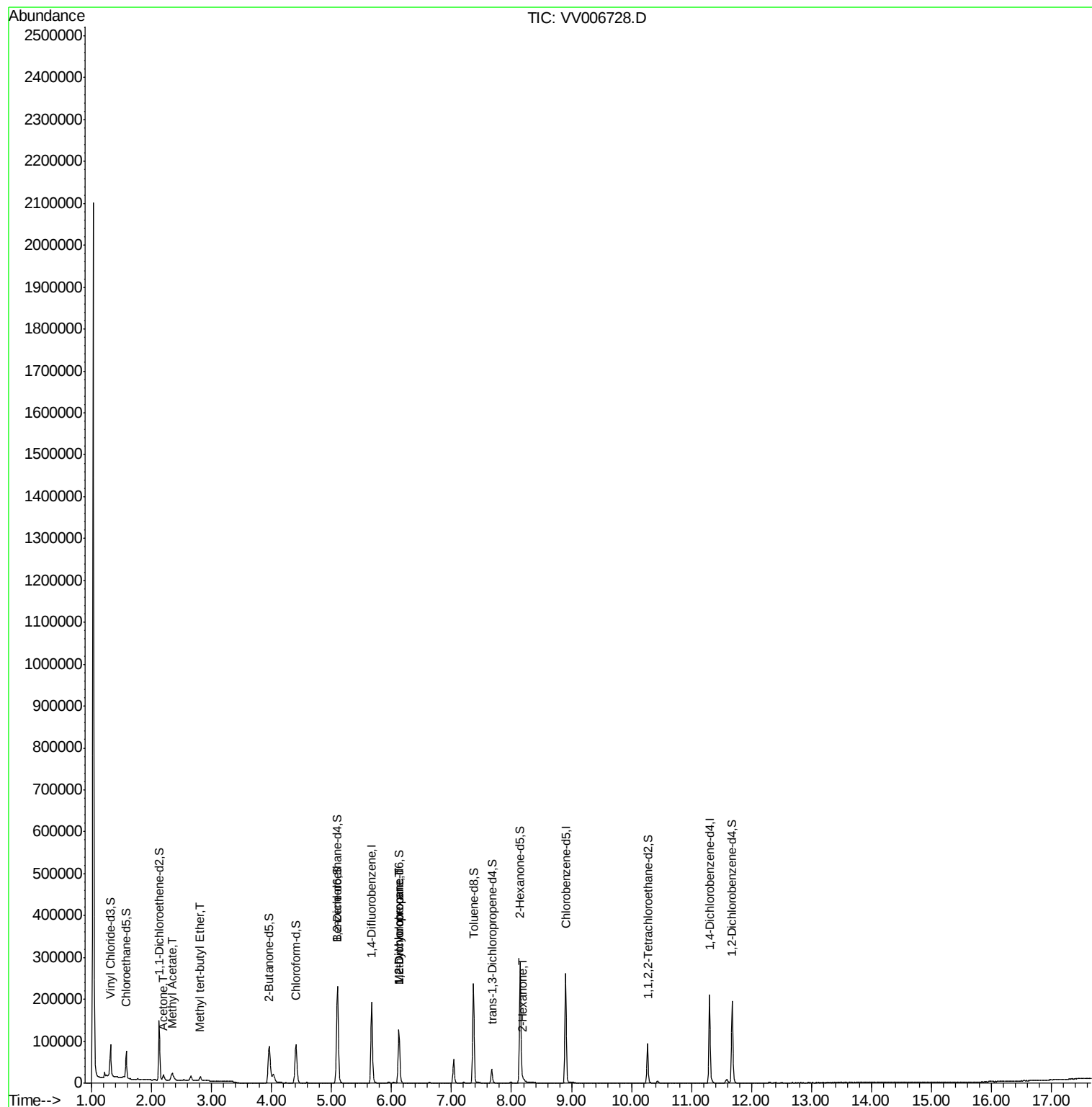
					Ovalue
13) Acetone	2.20	43	12272	7.175	ug/L 100
15) Methyl Acetate	2.35	43	6635	1.309	ug/L # 49
17) Methyl tert-butyl Ether	2.81	73	8411	0.317	ug/L 95
35) Methylcyclohexane	6.12	83	15066	0.789	ug/L # 17
37) 1,2-Dichloropropane	6.13	63	6416	0.552	ug/L # 86
48) 2-Hexanone	8.20	43	4097	0.919	ug/L # 81

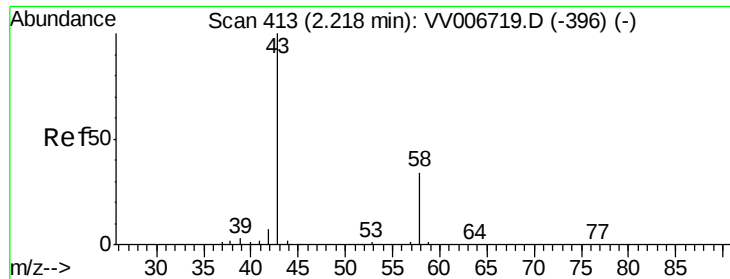
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.175 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.02 min

Lab File: VV006728.D

Acq: 27 Jul 2018 15:32

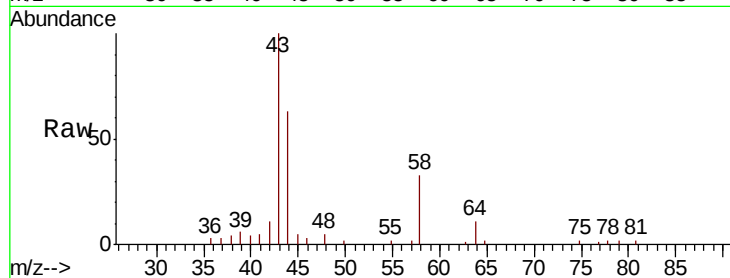
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 12272

Ion Ratio Lower Upper

43 100

58 35.5 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006719.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV006719.D (-396) (-)

8000

6000

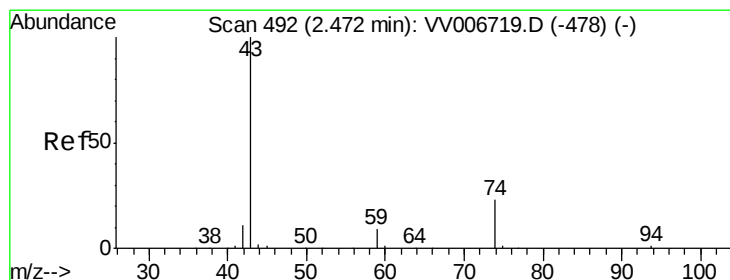
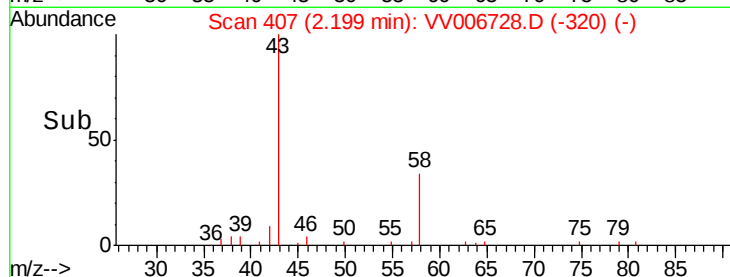
4000

2000

0

2.10 2.15 2.20 2.25 2.30

Time-->



#15

Methyl Acetate

Concen: 1.309 ug/L

RT: 2.35 min Scan# 454

Delta R.T. -0.12 min

Lab File: VV006728.D

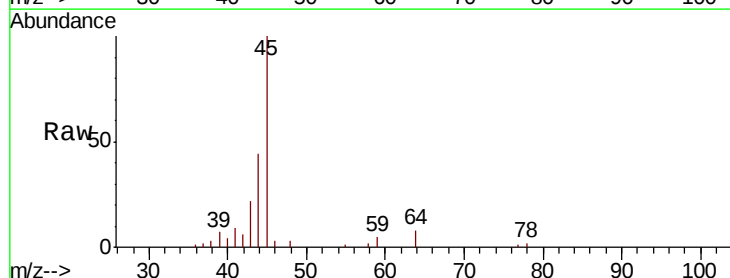
Acq: 27 Jul 2018 15:32

Tgt Ion: 43 Resp: 6635

Ion Ratio Lower Upper

43 100

74 0.0 20.6 31.0#



Abundance Ion 43.05 (42.75 to 43.75): VV006719.D (-478) (-)

Ion 74.05 (73.75 to 74.75): VV006719.D (-478) (-)

4000

3000

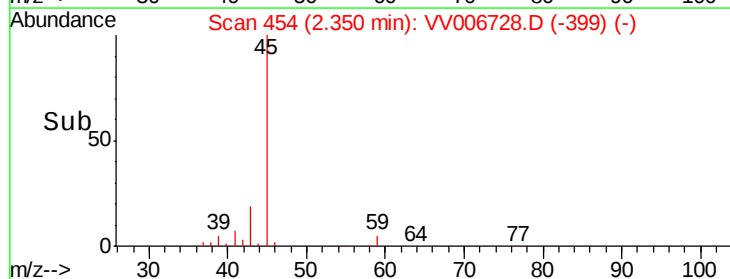
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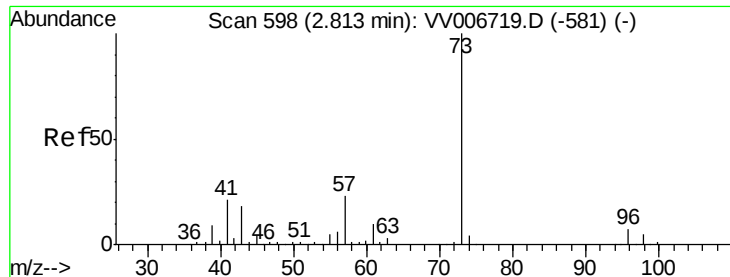
1000

0

2.30 2.40

Time-->

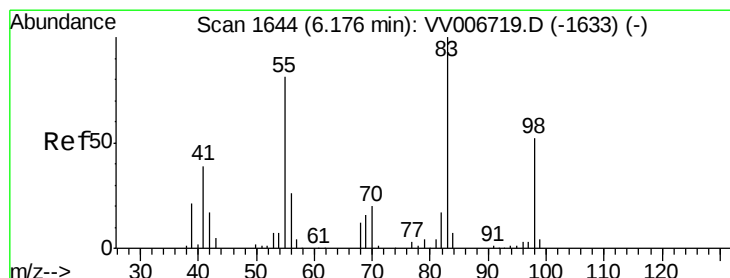
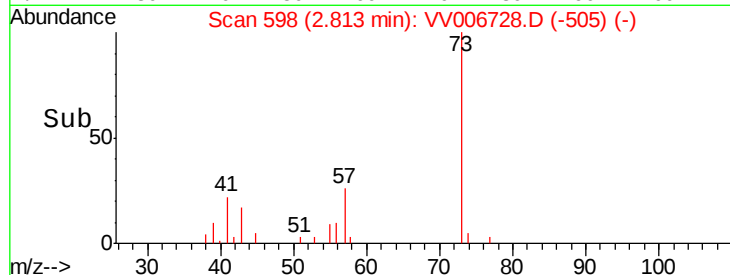
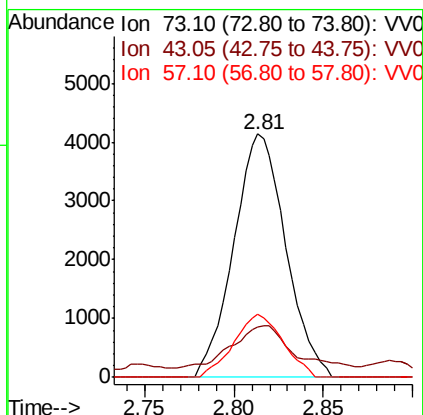
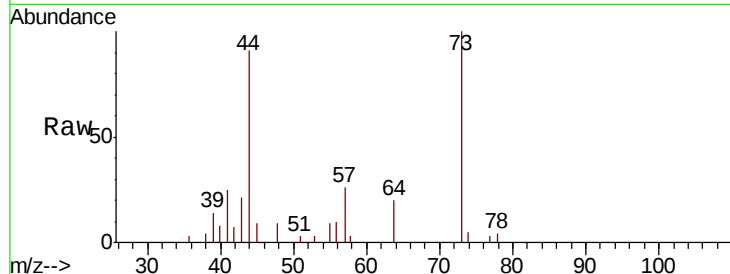




#17
Methvl tert-butvl Ether
Concen: 0.317 ug/L
RT: 2.81 min Scan# 598
Delta R.T. 0.00 min
Lab File: VV006728.D
Acq: 27 Jul 2018 15:32

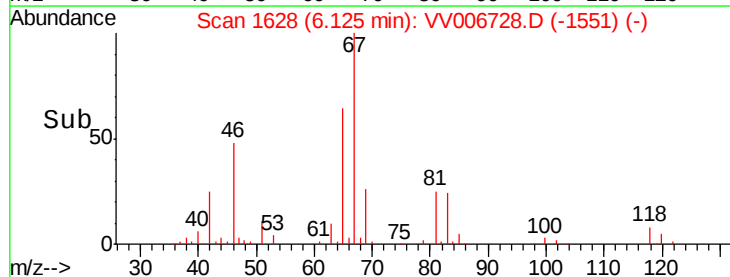
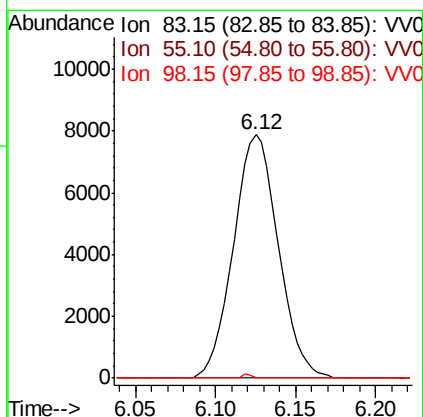
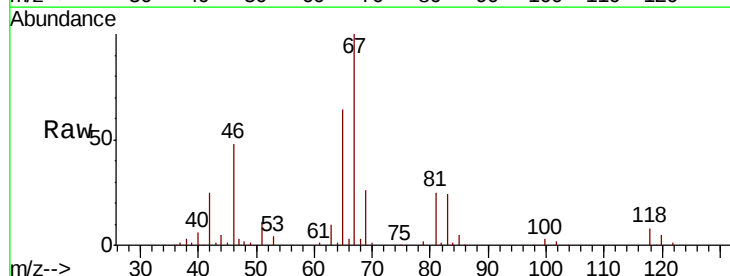
Instrument :
MSVOA_V
ClientSampled :

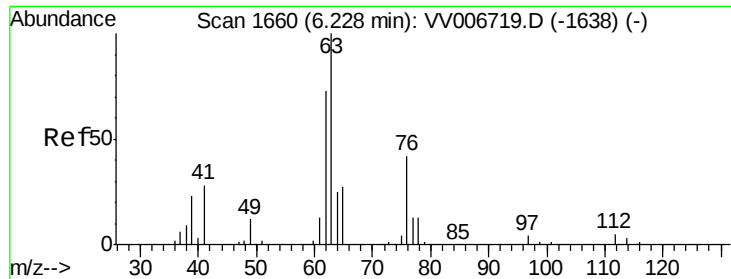
Tot Ion: 73 Resp: 8411
Ion Ratio Lower Upper
73 100
43 20.6 14.2 21.4
57 24.6 18.2 27.2



#35
Methylcyclohexane
Concen: 0.789 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006728.D
Acq: 27 Jul 2018 15:32

Tgt Ion: 83 Resp: 15066
Ion Ratio Lower Upper
83 100
55 0.0 61.9 92.9#
98 0.3 39.7 59.5#

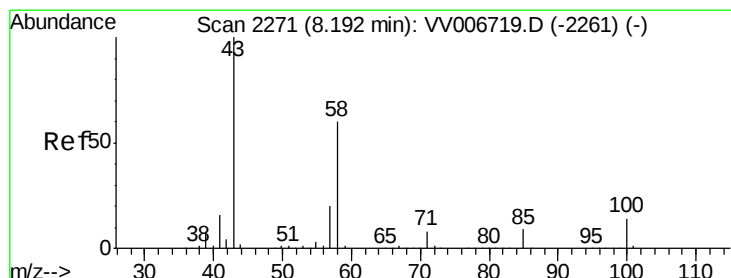
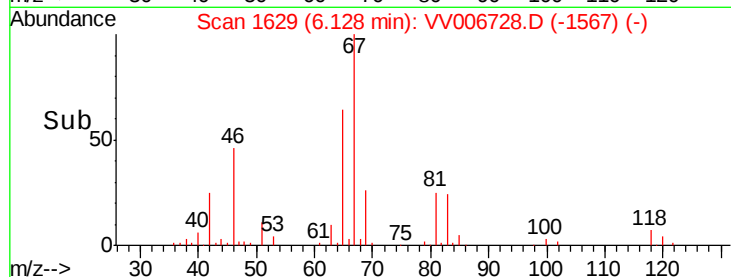
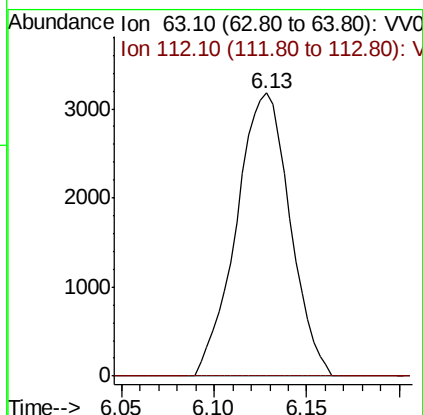
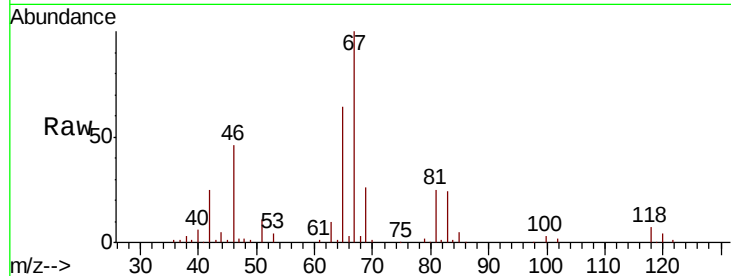




#37
 1,2-Dichloropropane
 Concen: 0.552 ug/L
 RT: 6.13 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VV006728.D
 Acq: 27 Jul 2018 15:32

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 6416
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#48
 2-Hexanone
 Concen: 0.919 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006728.D
 Acq: 27 Jul 2018 15:32

Tgt Ion: 43 Resp: 4097
 Ion Ratio Lower Upper
 43 100
 58 44.0 47.2 70.8#
 57 13.6 16.1 24.1#
 100 4.9 11.1 16.7#

