

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080918\
 Data File : VV006968.D
 Acq On : 09 Aug 2018 23:34
 Operator : SY/MD
 Sample : J4399-08
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 10 02:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 10 02:34:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	243993	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	228226	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93115	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58676	3.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.60%
7) Chloroethane-d5	1.58	69	66112	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	26281	0.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	17.80%#
20) 2-Butanone-d5	3.97	46	265417	58.60	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.20%
24) Chloroform-d	4.41	84	156376	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	83514	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.60%
32) Benzene-d6	5.10	84	293473	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
36) 1,2-Dichloropropane-d6	6.12	67	105516	5.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.40%
41) Toluene-d8	7.37	98	191300	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.60%
43) trans-1,3-Dichloropropene-	7.67	79	32739	4.69	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.80%
46) 2-Hexanone-d5	8.15	63	138139	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	82947	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	81868	5.05	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.00%

Target Compounds

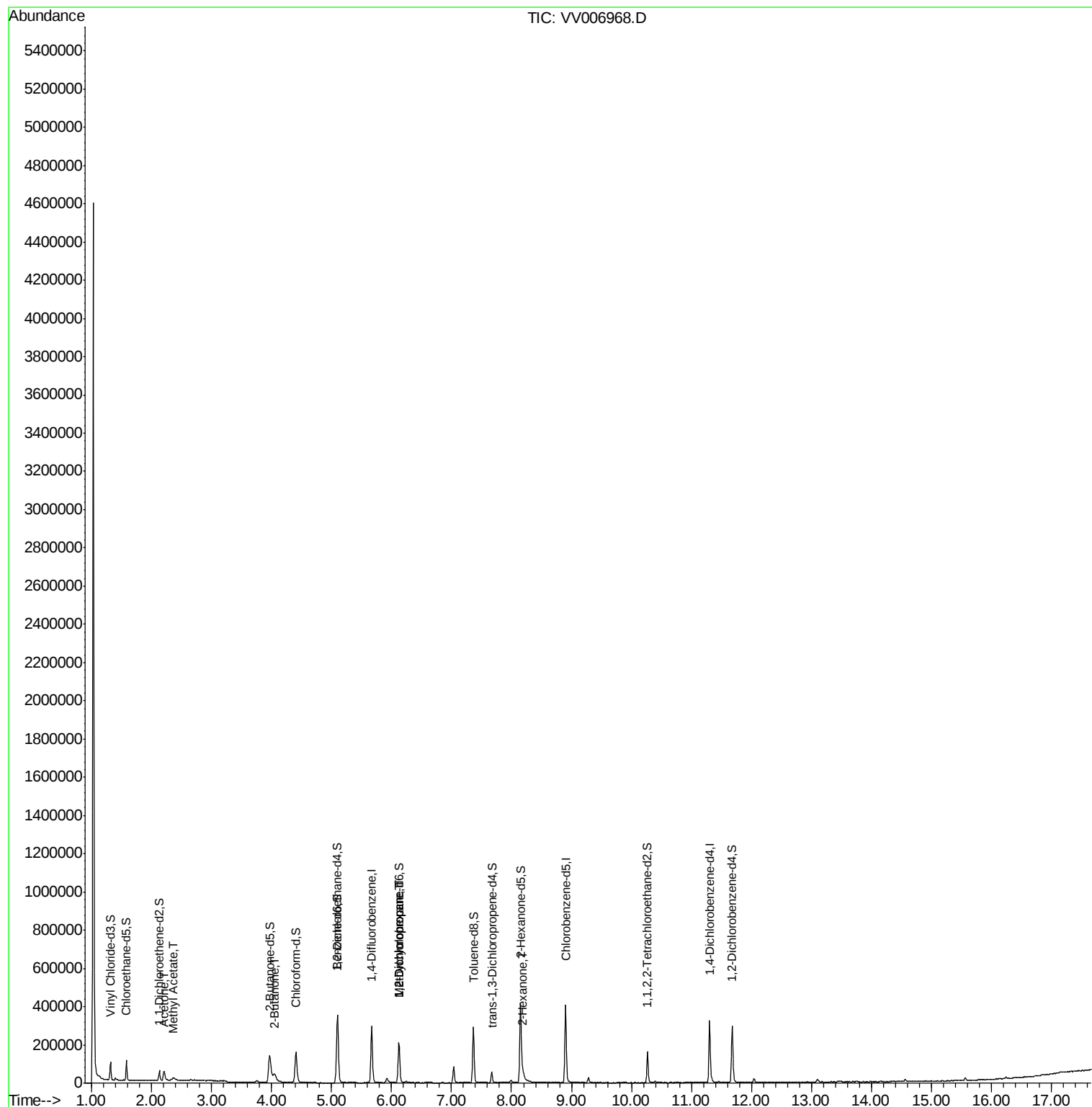
					Ovalue
13) Acetone	2.21	43	65950	28.278	ug/L 99
15) Methyl Acetate	2.37	43	6741	1.027	ug/L # 45
21) 2-Butanone	4.06	43	14091	2.783	ug/L 94
35) Methylcyclohexane	6.12	83	23990	0.788	ug/L # 16
37) 1,2-Dichloropropane	6.12	63	11141	0.515	ug/L # 89
48) 2-Hexanone	8.20	43	16202	1.965	ug/L # 79

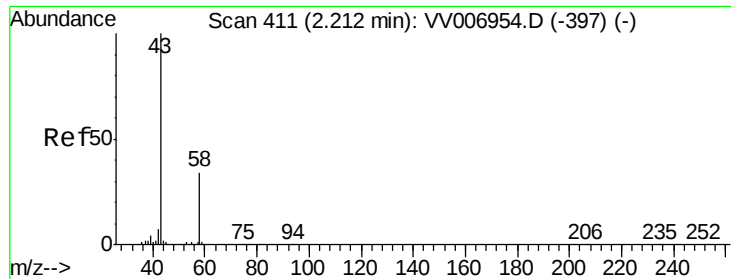
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 28.278 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV006968.D

Acq: 09 Aug 2018 23:34

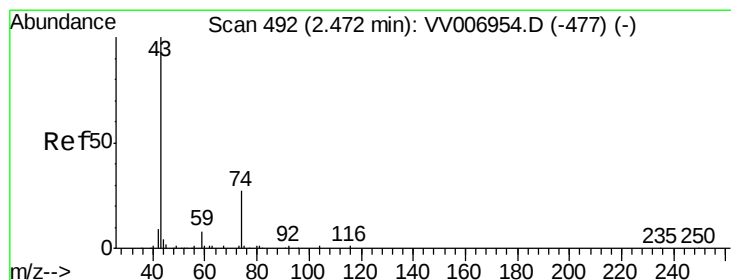
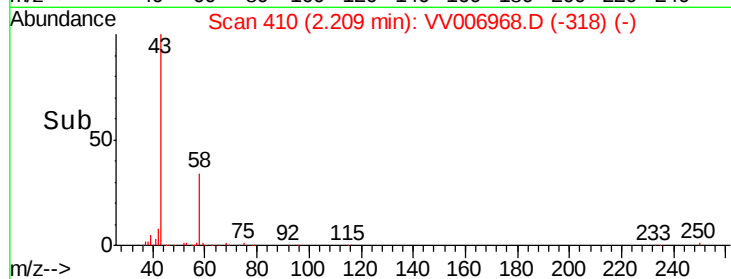
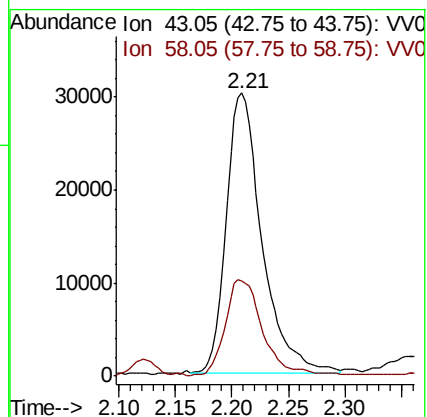
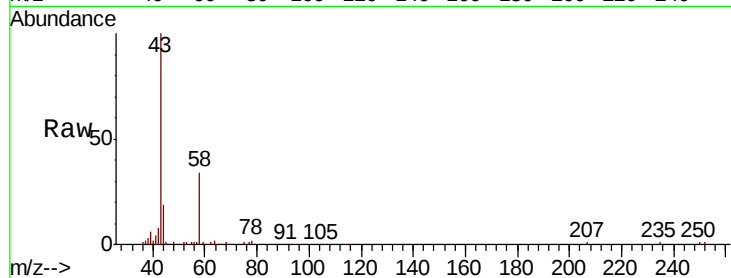
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 65950

Ion Ratio Lower Upper

43 100

58 35.3 0.0 71.4



#15

Methyl Acetate

Concen: 1.027 ug/L

RT: 2.37 min Scan# 459

Delta R.T. -0.11 min

Lab File: VV006968.D

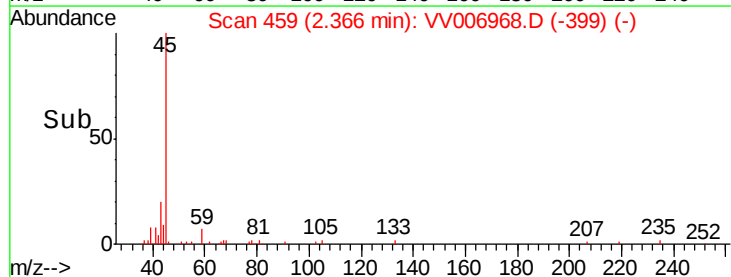
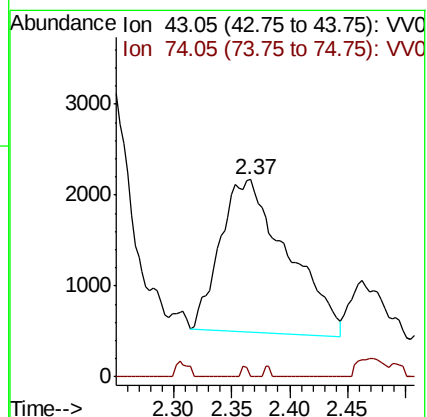
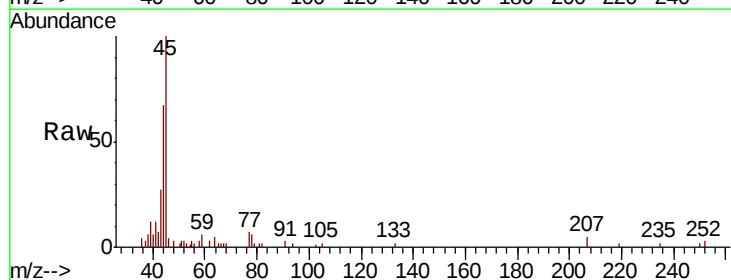
Acq: 09 Aug 2018 23:34

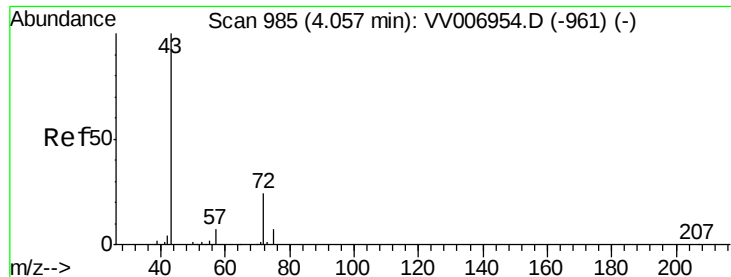
Tgt Ion: 43 Resp: 6741

Ion Ratio Lower Upper

43 100

74 0.7 24.6 37.0#





#21

2-Butanone

Concen: 2.783 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.00 min

Lab File: VV006968.D

Acq: 09 Aug 2018 23:34

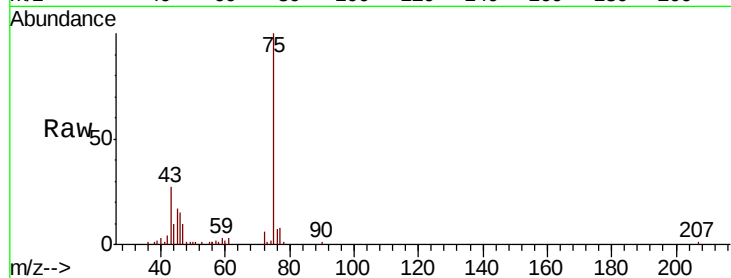
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 14091

Ion Ratio Lower Upper

43 100

72 28.0 12.4 37.2



Abundance Ion 43.05 (42.75 to 43.75): VV006954.D (-961) (-)

Ion 72.10 (71.80 to 72.80): VV006954.D (-961) (-)

6000

5000

4000

3000

2000

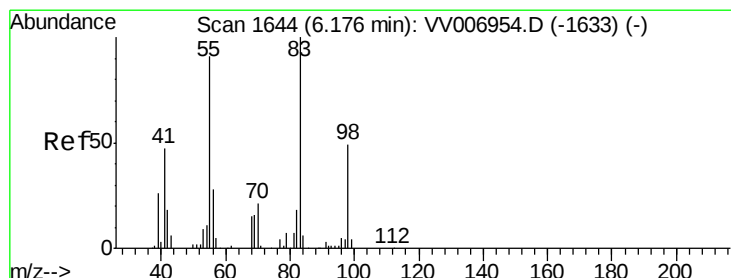
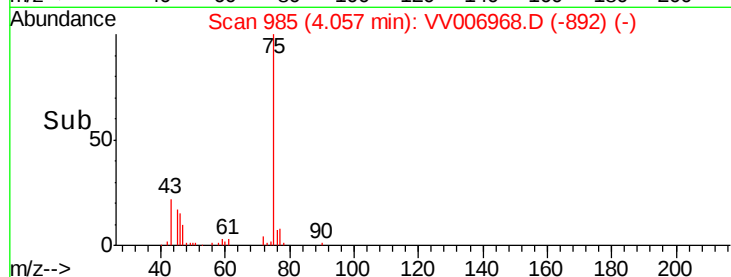
1000

0

Time-->

3.95 4.00 4.05 4.10 4.15

4.06



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006968.D

Acq: 09 Aug 2018 23:34

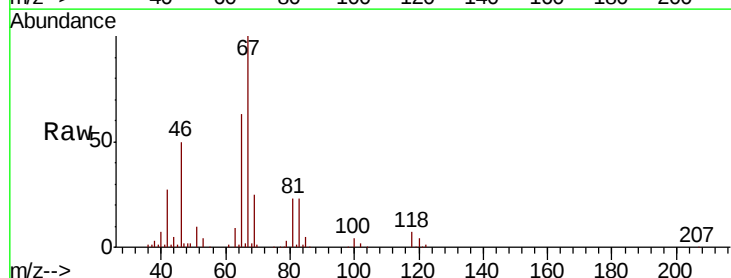
Tgt Ion: 83 Resp: 23990

Ion Ratio Lower Upper

83 100

55 1.0 68.1 102.1#

98 1.6 37.9 56.9#



Abundance Ion 83.15 (82.85 to 83.85): VV006954.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV006954.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV006954.D (-1633) (-)

15000

10000

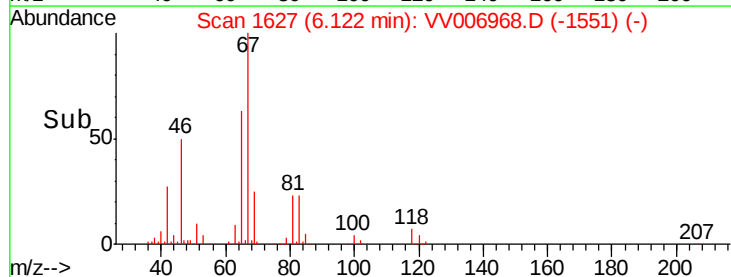
5000

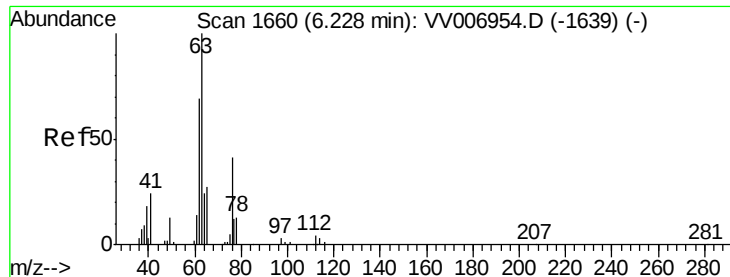
0

Time-->

6.05 6.10 6.15 6.20

6.12

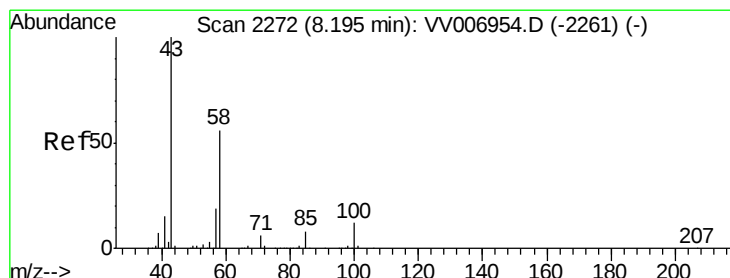
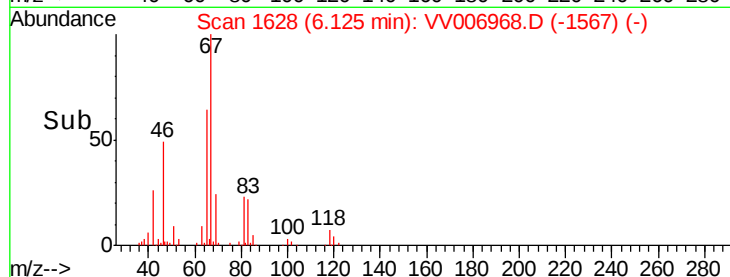
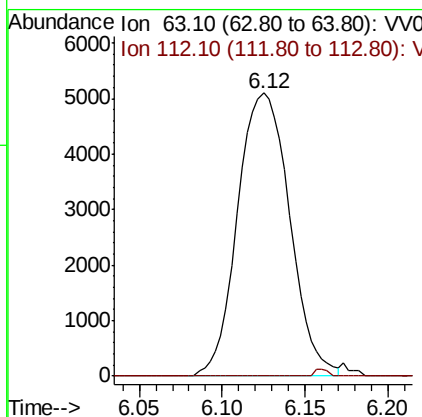
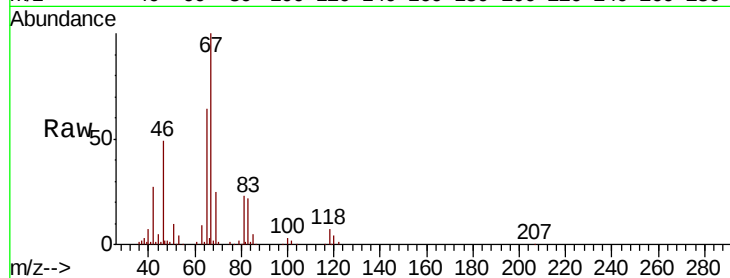




#37
 1,2-Dichloropropane
 Concen: 0.515 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006968.D
 Acq: 09 Aug 2018 23:34

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 11141
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.5 5.3#



#48
 2-Hexanone
 Concen: 1.965 ug/L
 RT: 8.20 min Scan# 2274
 Delta R.T. 0.01 min
 Lab File: VV006968.D
 Acq: 09 Aug 2018 23:34

Tgt Ion: 43 Resp: 16202
 Ion Ratio Lower Upper
 43 100
 58 40.9 44.2 66.2#
 57 3.4 14.8 22.2#
 100 10.0 8.8 13.2

