

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006808.D
 Acq On : 02 Aug 2018 15:25
 Operator : SY/MD
 Sample : J4190-09
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:57:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 03 01:56:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	268539	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	238917	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	99886	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	85439	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	76591	4.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.80%
11) 1,1-Dichloroethene-d2	2.13	63	117499	3.41	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.20%
20) 2-Butanone-d5	3.97	46	232390	51.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.04%
24) Chloroform-d	4.40	84	149885	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.09	65	80242	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.10	84	311253	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	6.12	67	100879	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.36	98	257979	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	7.67	79	35044	4.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.00%
46) 2-Hexanone-d5	8.14	63	166656	49.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80032	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	89403	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

Target Compounds

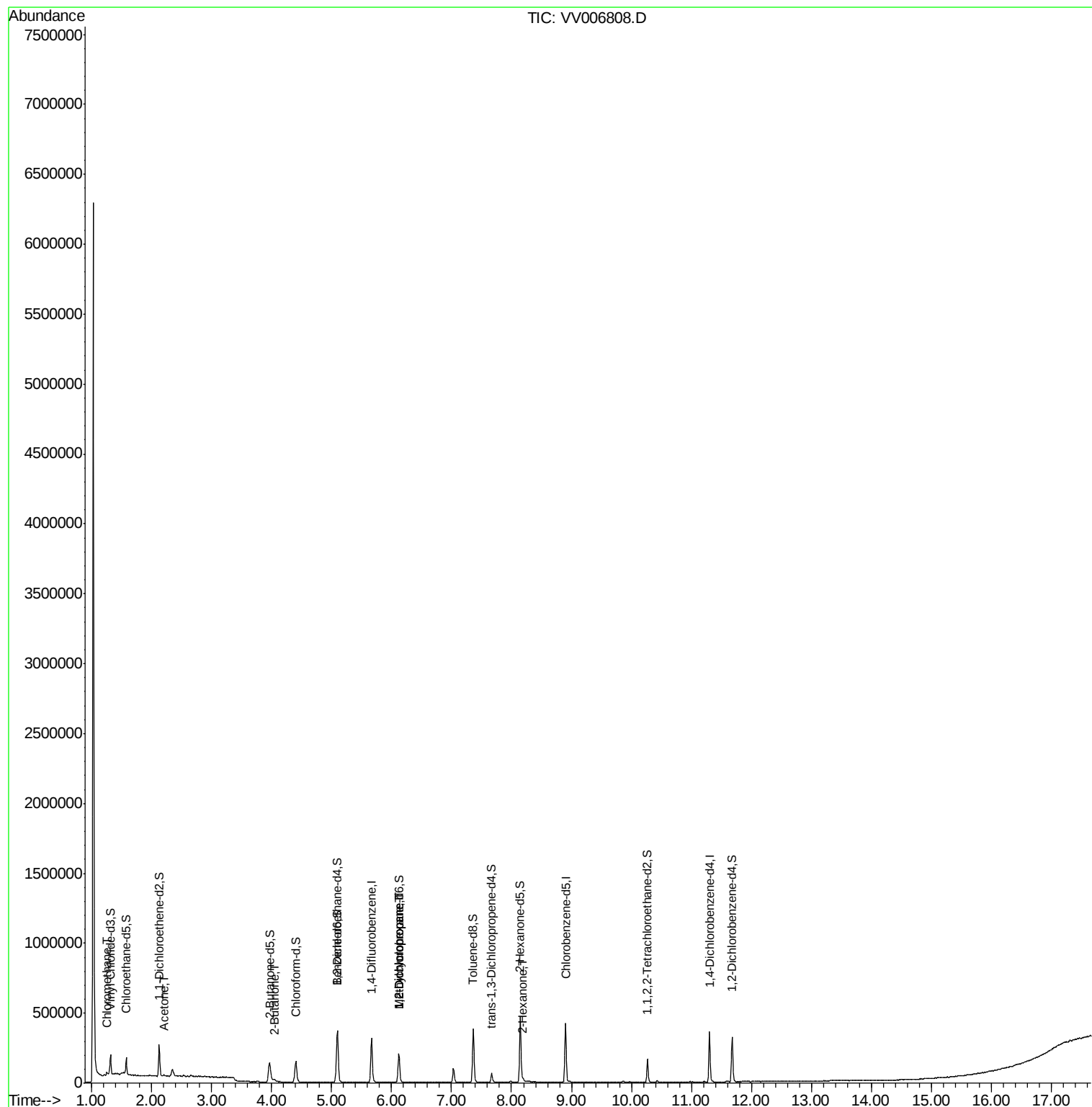
					Ovalue
3) Chloromethane	1.25	50	12709	0.410 ug/L	99
13) Acetone	2.20	43	6195	1.947 ug/L	90
21) 2-Butanone	4.06	43	1516	0.312 ug/L	93
35) Methylcyclohexane	6.12	83	23736	0.800 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10793	0.561 ug/L #	88
48) 2-Hexanone	8.20	43	4675	0.647 ug/L #	89

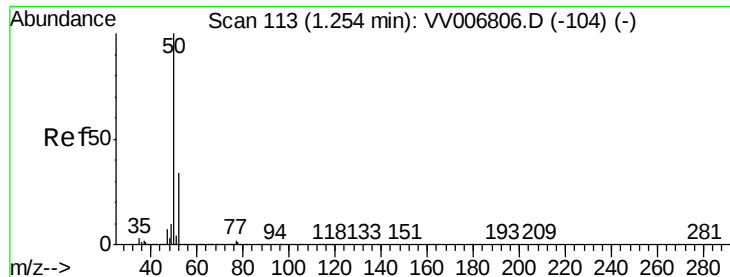
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.410 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006808.D

Acq: 02 Aug 2018 15:25

Instrument :

MSVOA_V

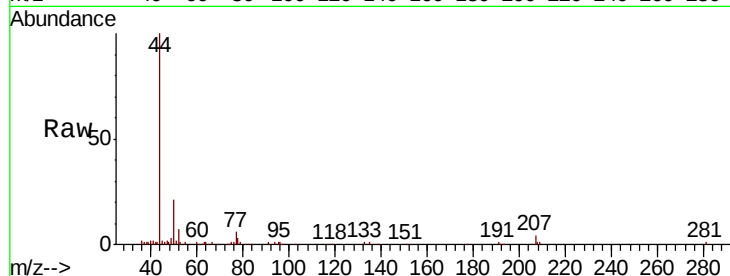
ClientSampleId :

Tot Ion: 50 Resp: 12709

Ion Ratio Lower Upper

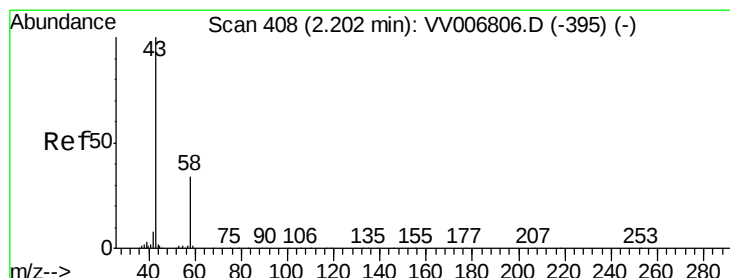
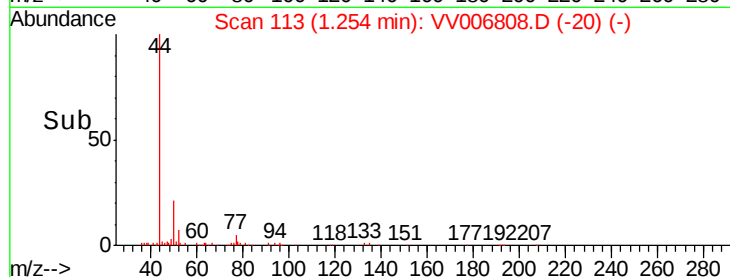
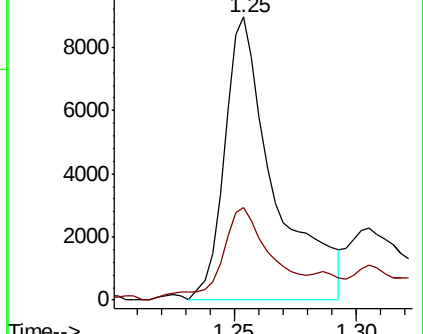
50 100

52 32.7 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006808.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006808.D (-104) (-)



#13

Acetone

Concen: 1.947 ug/L

RT: 2.20 min Scan# 408

Delta R.T. 0.00 min

Lab File: VV006808.D

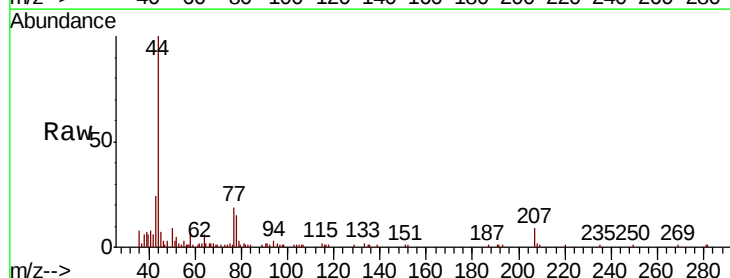
Acq: 02 Aug 2018 15:25

Tgt Ion: 43 Resp: 6195

Ion Ratio Lower Upper

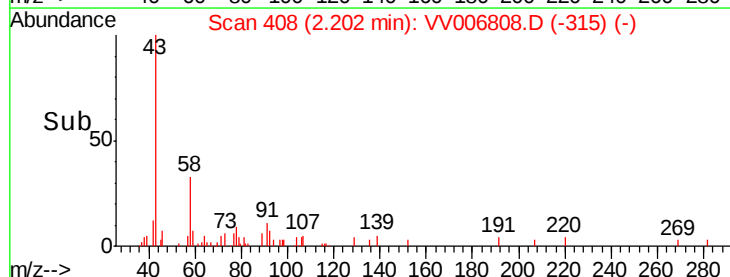
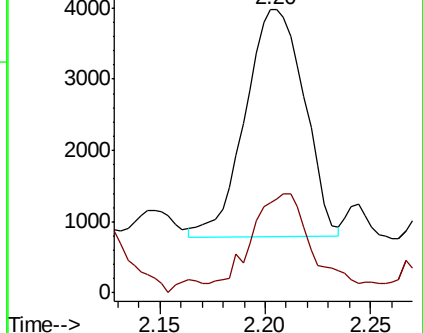
43 100

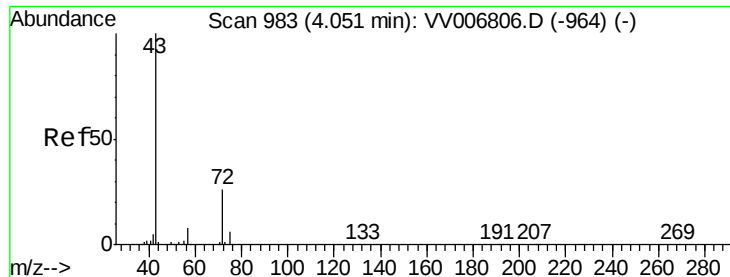
58 40.0 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006808.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006808.D (-395) (-)





#21

2-Butanone

Concen: 0.312 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.01 min

Lab File: VV006808.D

Acq: 02 Aug 2018 15:25

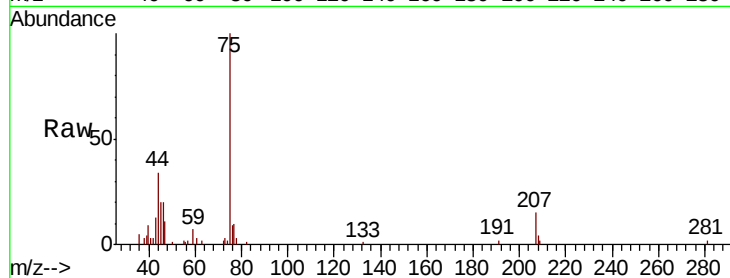
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1516

Ion Ratio Lower Upper

43 100

72 23.3 13.4 40.1



Abundance Ion 43.05 (42.75 to 43.75): VV006806.D (-964) (-)

Ion 72.10 (71.80 to 72.80): VV006806.D (-964) (-)

4.06

1200

1000

800

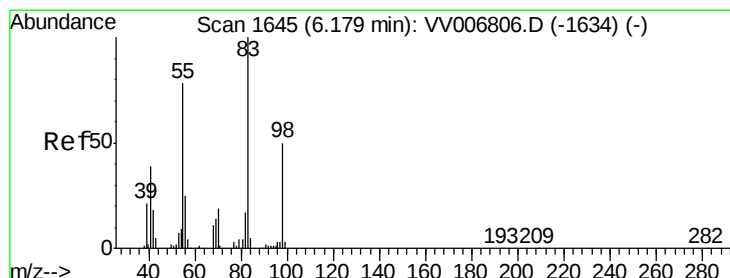
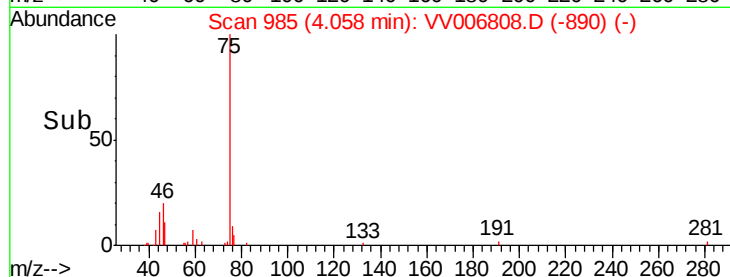
600

400

200

0

Time-->



#35

Methylcyclohexane

Concen: 0.800 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.06 min

Lab File: VV006808.D

Acq: 02 Aug 2018 15:25

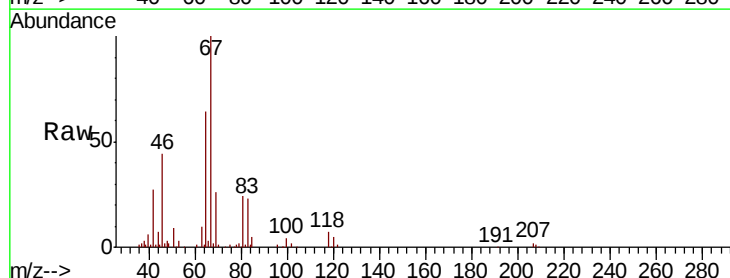
Tgt Ion: 83 Resp: 23736

Ion Ratio Lower Upper

83 100

55 1.0 61.8 92.6#

98 0.0 37.2 55.8#



Abundance Ion 83.15 (82.85 to 83.85): VV006806.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV006806.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV006806.D (-1634) (-)

6.12

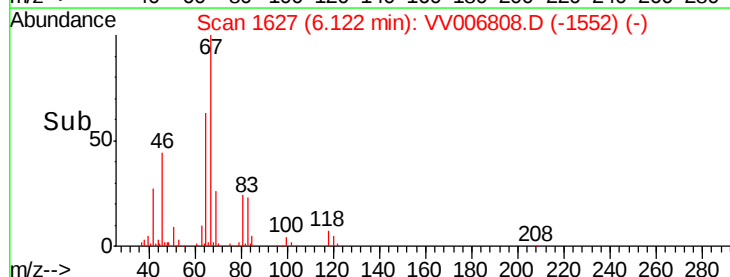
15000

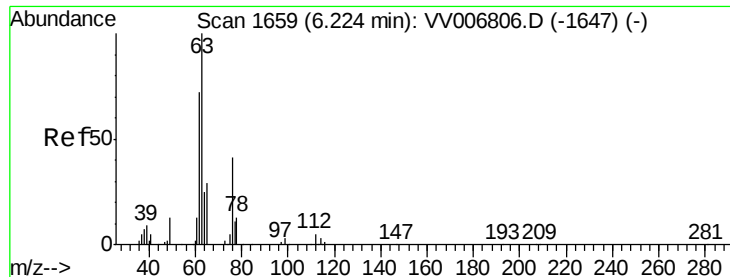
10000

5000

0

Time-->

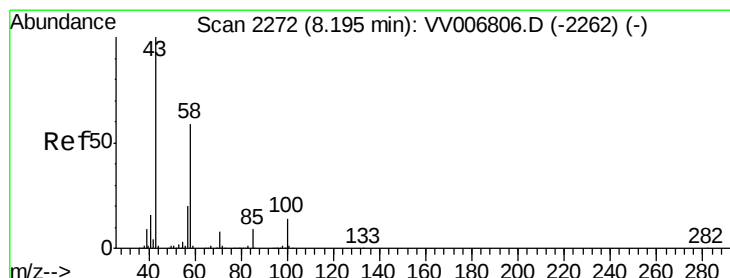
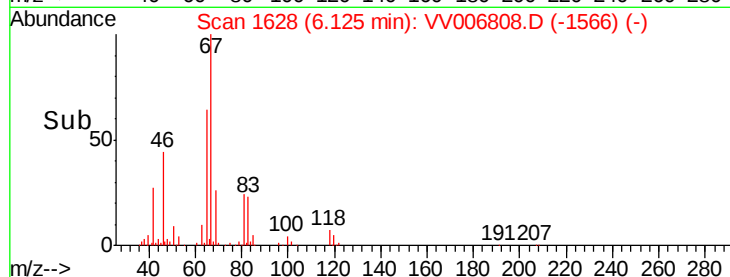
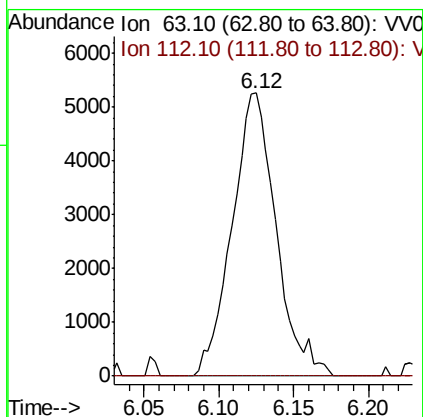
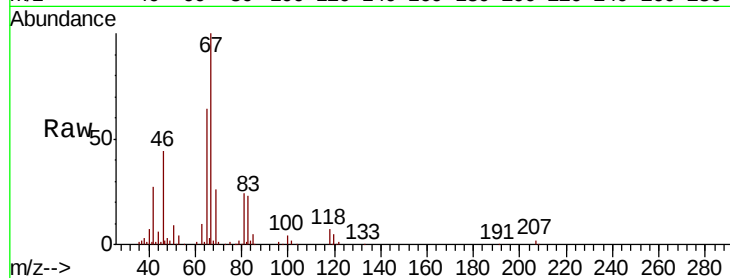




#37
 1,2-Dichloropropane
 Concen: 0.561 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006808.D
 Acq: 02 Aug 2018 15:25

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10793
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#48
 2-Hexanone
 Concen: 0.647 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006808.D
 Acq: 02 Aug 2018 15:25

Tgt Ion: 43 Resp: 4675
 Ion Ratio Lower Upper
 43 100
 58 61.5 45.4 68.0
 57 14.5 15.4 23.2#
 100 1.7 10.6 16.0#

