

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007250.D
 Acq On : 29 Aug 2018 11:05
 Operator : SY/MD
 Sample : VV0829WBL01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:43:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082818WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 30 04:42:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	227715	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	233163	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89728	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	73862	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	66499	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.13	63	99751	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	3.97	46	218096	54.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.08%
24) Chloroform-d	4.40	84	161088	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.09	65	84146	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	308364	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	6.12	67	105057	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.40%
41) Toluene-d8	7.36	98	230603	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
43) trans-1,3-Dichloropropene-	7.67	79	33699	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.15	63	73647	36.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.14%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	79560	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	87286	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

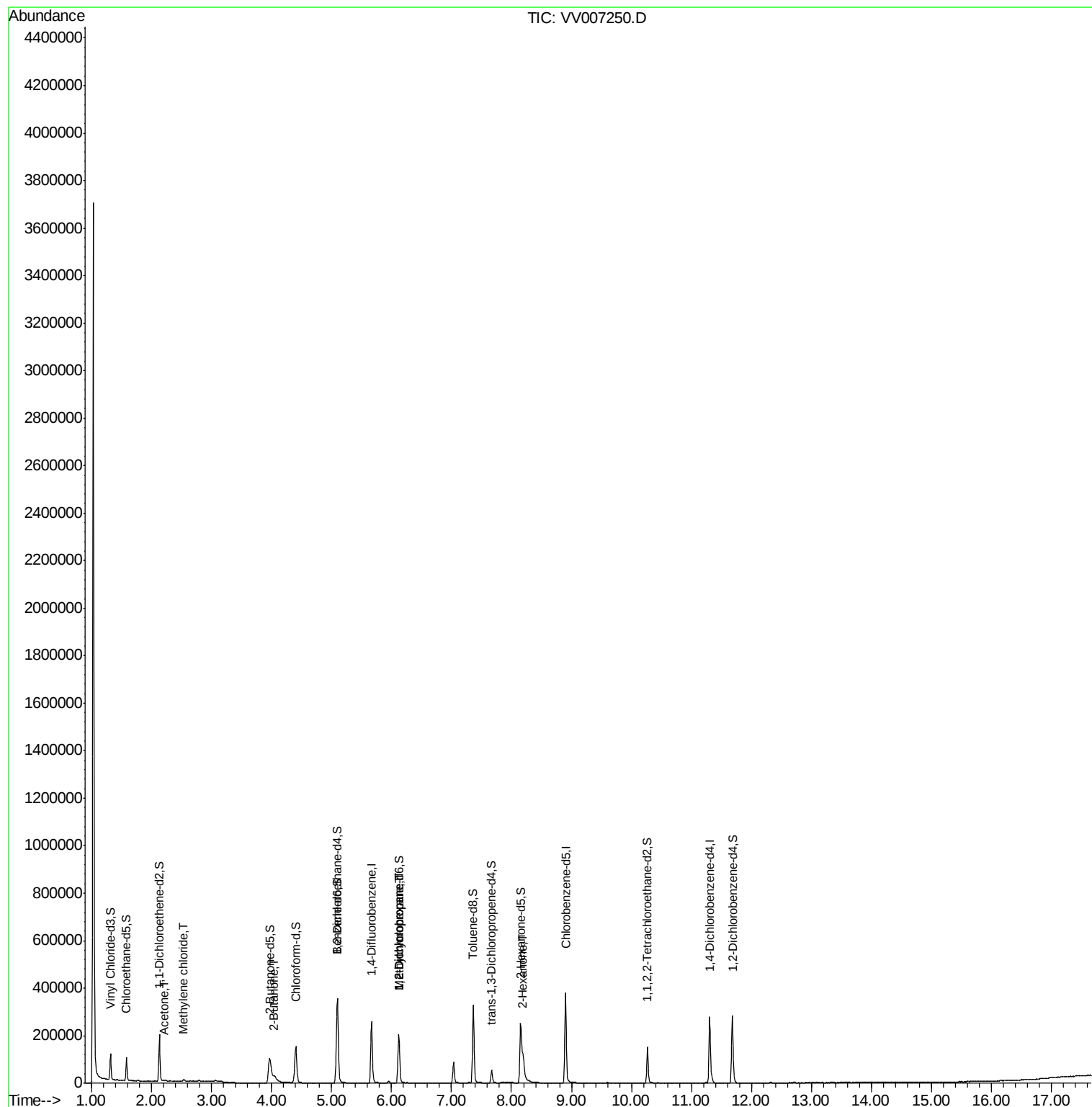
					Ovalue
13) Acetone	2.21	43	1367	0.675 ug/L	91
16) Methylene chloride	2.54	84	4105	0.246 ug/L	92
21) 2-Butanone	4.04	43	997	0.237 ug/L #	51
35) Methylcyclohexane	6.12	83	24424	0.959 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	10087	0.550 ug/L #	87
48) 2-Hexanone	8.20	43	50836	7.095 ug/L #	89

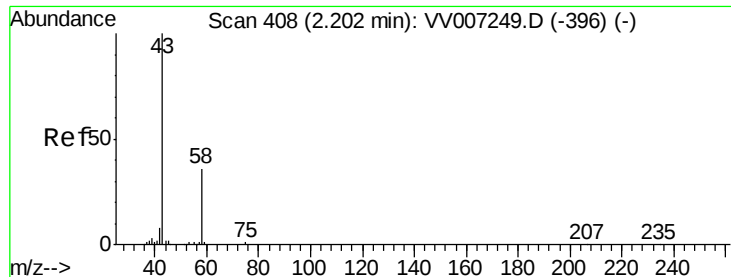
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Aug 30 04:42:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.675 ug/L

RT: 2.21 min Scan# 411

Delta R.T. 0.01 min

Lab File: VV007250.D

Acq: 29 Aug 2018 11:05

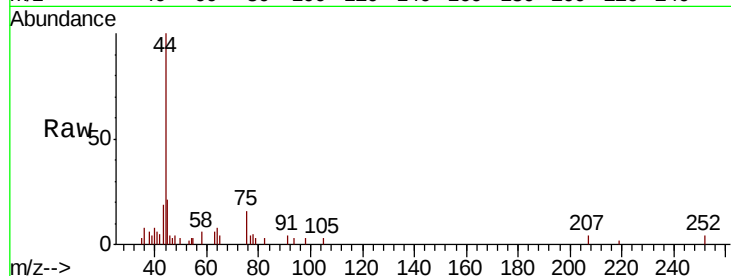
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1367

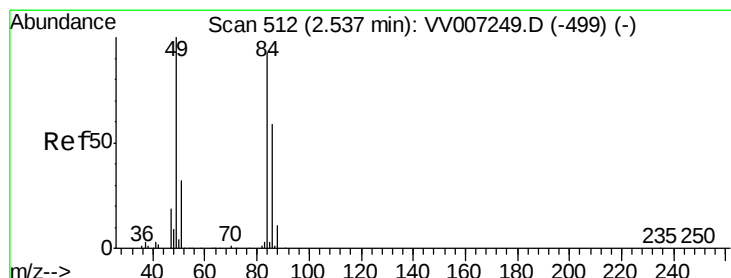
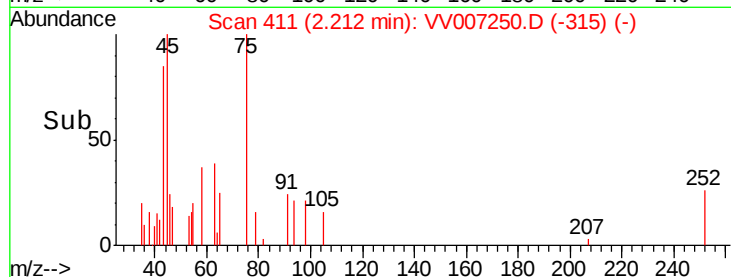
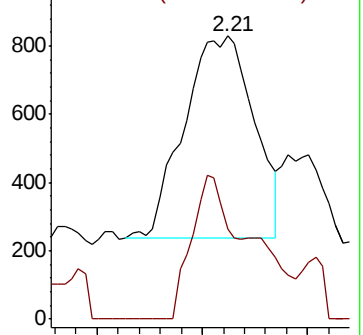
Ion Ratio Lower Upper

43 100

58 40.2 0.0 70.2



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 58.05 (57.75 to 58.75): VV0



#16

Methylene chloride

Concen: 0.246 ug/L

RT: 2.54 min Scan# 512

Delta R.T. 0.00 min

Lab File: VV007250.D

Acq: 29 Aug 2018 11:05

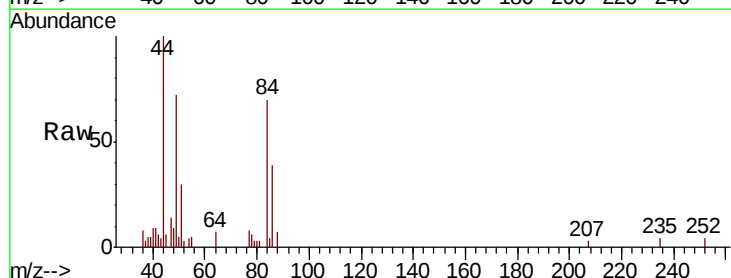
Tgt Ion: 84 Resp: 4105

Ion Ratio Lower Upper

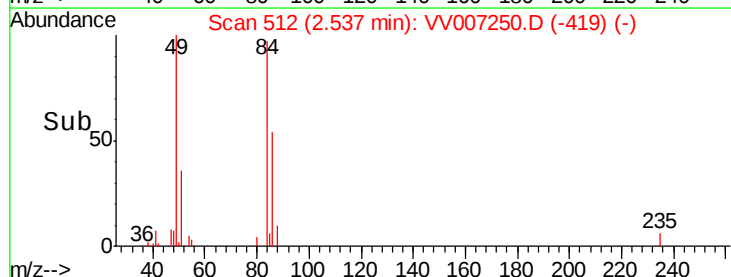
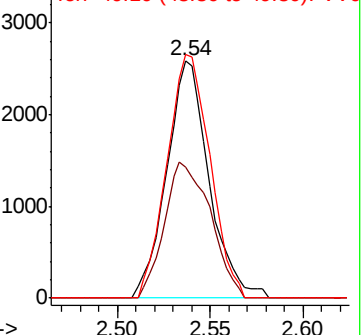
84 100

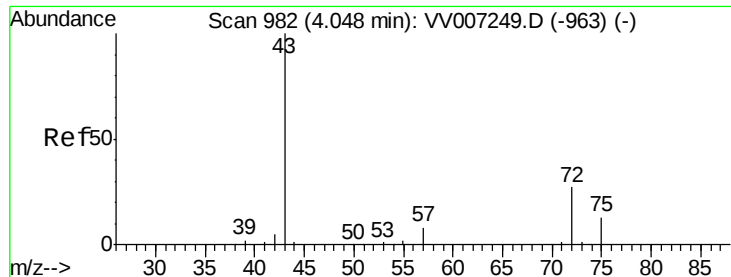
86 55.2 46.3 85.9

49 102.7 75.2 139.6



Abundance Ion 84.05 (83.75 to 84.75): VV0
Ion 86.00 (85.70 to 86.70): VV0
Ion 49.10 (48.80 to 49.80): VV0





#21

2-Butanone

Concen: 0.237 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.01 min

Lab File: VV007250.D

Acq: 29 Aug 2018 11:05

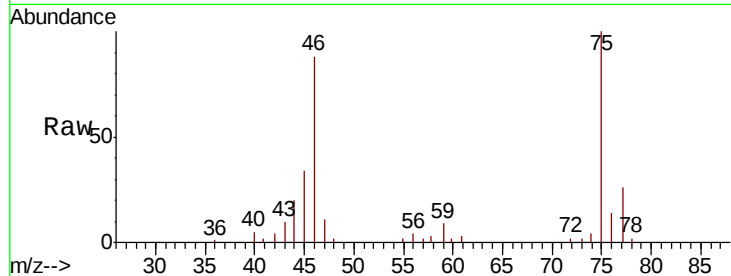
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 997

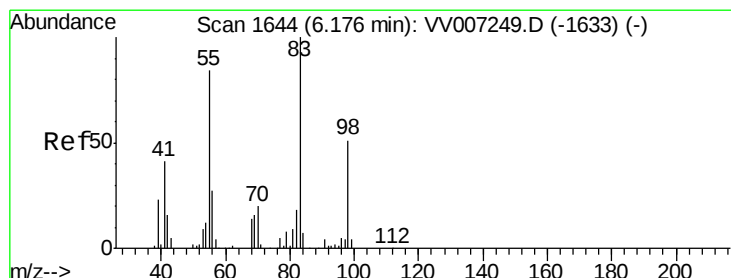
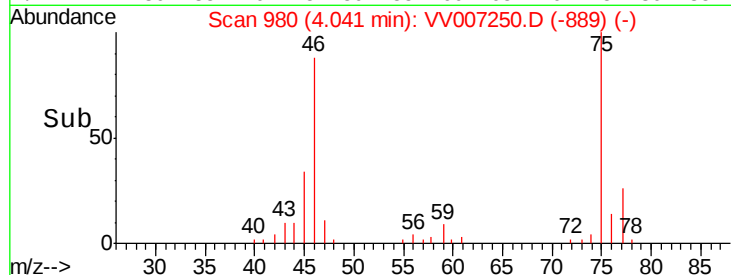
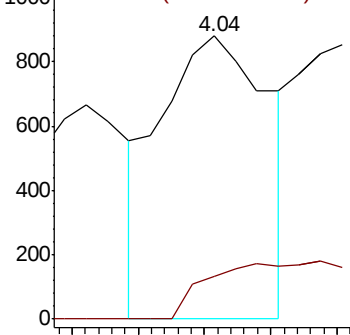
Ion Ratio Lower Upper

43 100

72 0.0 12.4 37.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.959 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV007250.D

Acq: 29 Aug 2018 11:05

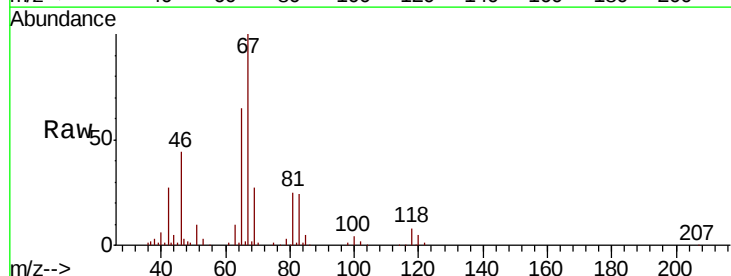
Tgt Ion: 83 Resp: 24424

Ion Ratio Lower Upper

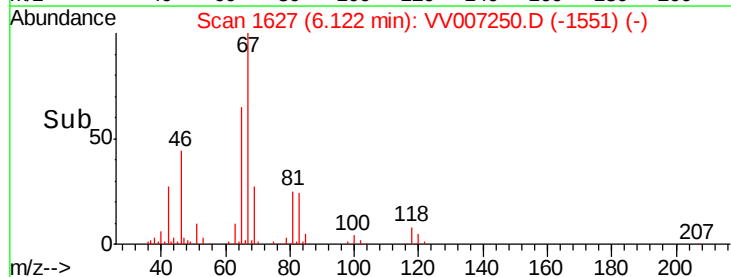
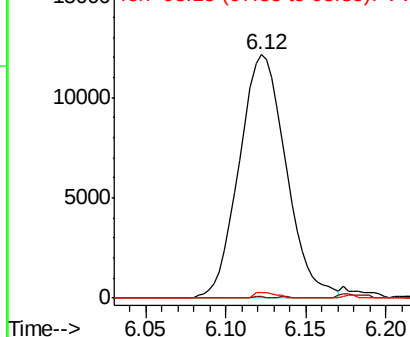
83 100

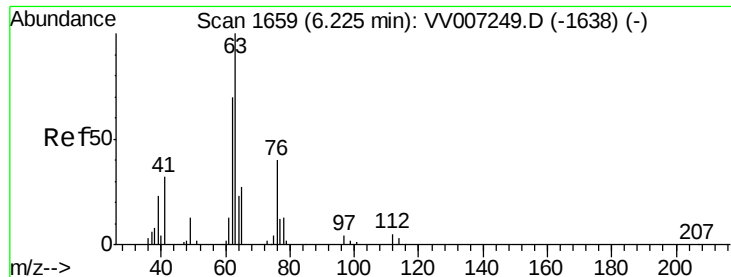
55 0.2 64.0 96.0#

98 1.0 38.8 58.2#



Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

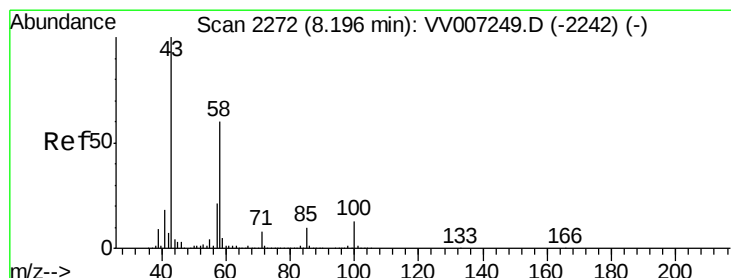
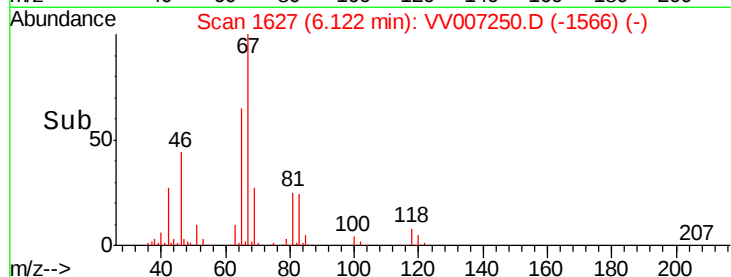
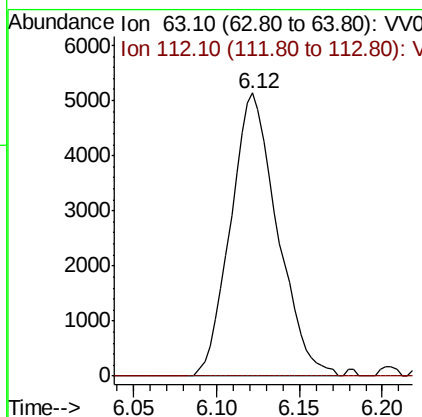
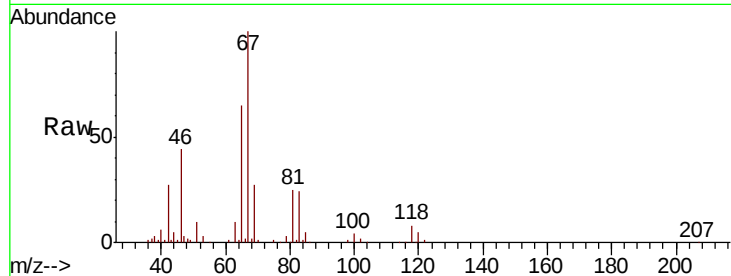




#37
 1,2-Dichloropropane
 Concen: 0.550 ug/L
 RT: 6.12 min Scan# 1627
 Delta R.T. -0.10 min
 Lab File: VV007250.D
 Acq: 29 Aug 2018 11:05

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10087
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.9 5.9#



#48
 2-Hexanone
 Concen: 7.095 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV007250.D
 Acq: 29 Aug 2018 11:05

Tgt Ion: 43 Resp: 50836
 Ion Ratio Lower Upper
 43 100
 58 50.0 50.0 75.0#
 57 20.2 16.6 25.0
 100 12.2 10.2 15.4

