

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080718\
 Data File : VV006909.D
 Acq On : 07 Aug 2018 20:49
 Operator : SY/MD
 Sample : J4227-11
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 08 07:09:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 07:06:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	183365	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	173655	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	66787	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	53298	4.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	1.58	69	48988	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	2.13	63	80534	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	3.98	46	202081	57.60	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.20%
24) Chloroform-d	4.40	84	116193	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	5.09	65	64453	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.80%
32) Benzene-d6	5.10	84	211012	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.12	67	76609	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.37	98	156937	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.67	79	24176	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
46) 2-Hexanone-d5	8.15	63	100677	48.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	61906	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	55905	5.17	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.40%

Target Compounds

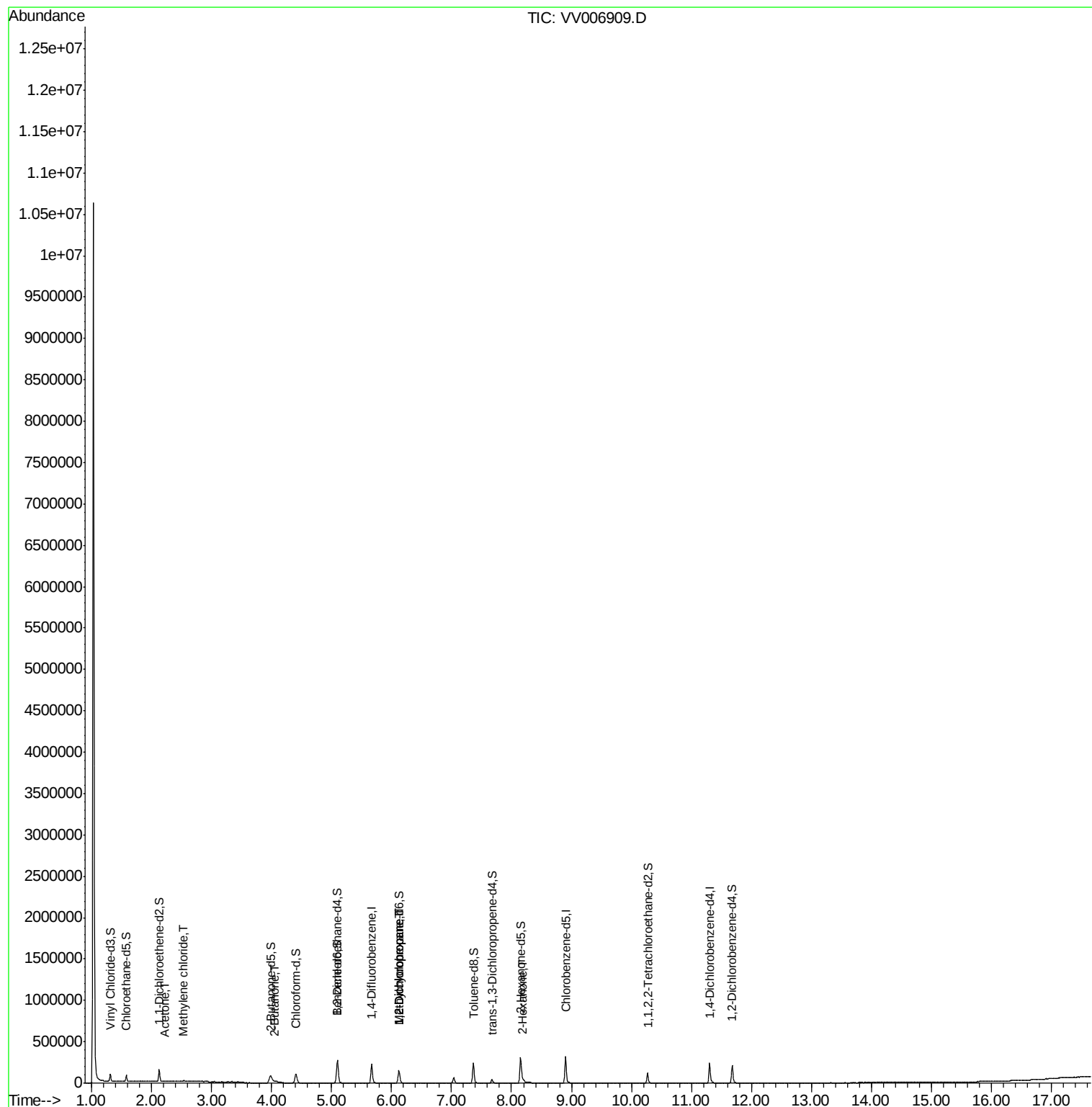
					Ovalue
13) Acetone	2.22	43	999	0.436 ug/L	93
16) Methylene chloride	2.54	84	4998	0.317 ug/L	98
21) 2-Butanone	4.05	43	942	0.250 ug/L #	61
35) Methylcyclohexane	6.12	83	17487	0.904 ug/L #	15
37) 1,2-Dichloropropane	6.12	63	8426	0.566 ug/L #	89
48) 2-Hexanone	8.20	43	6980	1.201 ug/L #	90

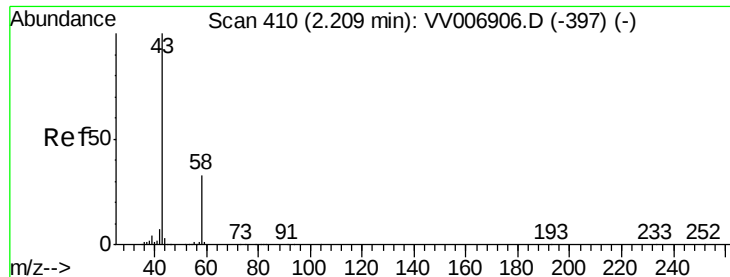
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.436 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.01 min

Lab File: VV006909.D

Acq: 07 Aug 2018 20:49

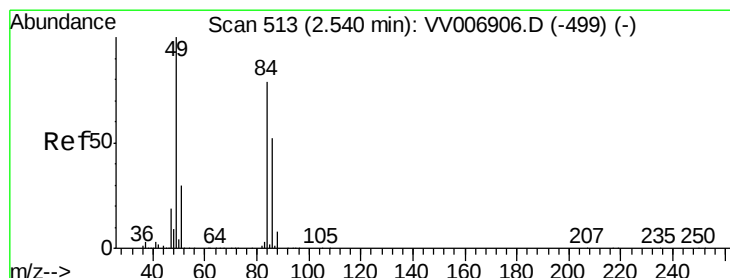
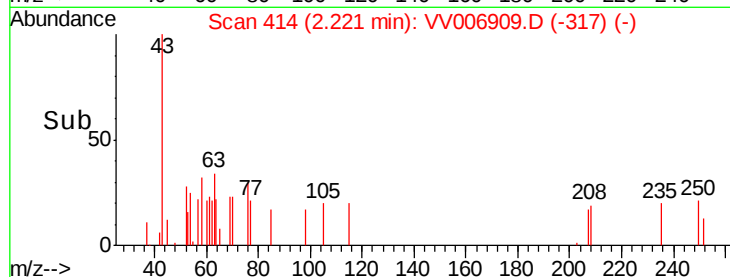
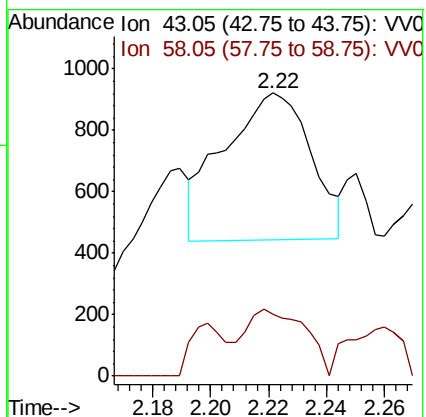
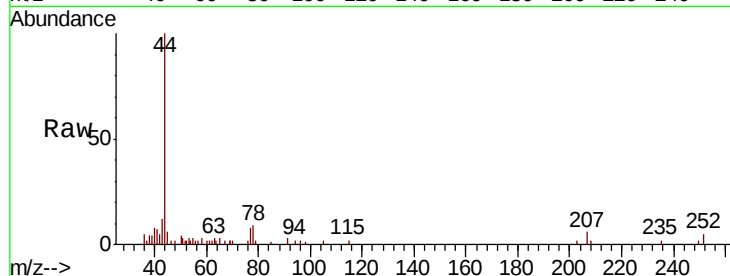
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 999

Ion Ratio Lower Upper

43 100

58 30.0 0.0 68.0



#16

Methylene chloride

Concen: 0.317 ug/L

RT: 2.54 min Scan# 512

Delta R.T. -0.00 min

Lab File: VV006909.D

Acq: 07 Aug 2018 20:49

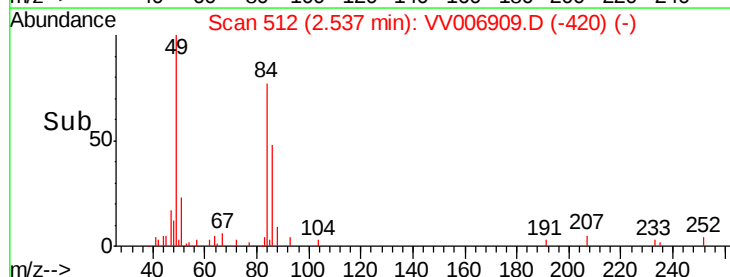
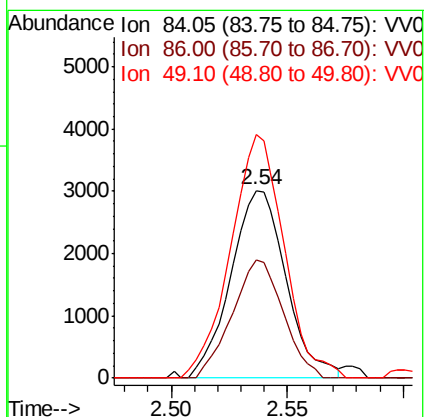
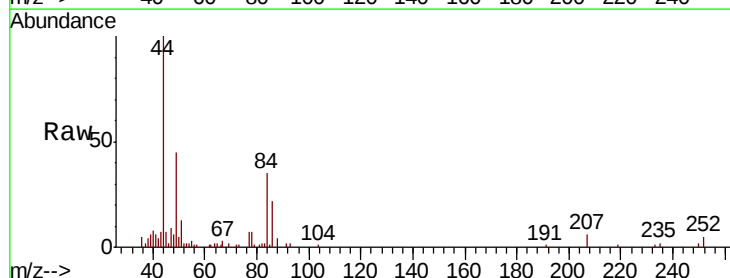
Tgt Ion: 84 Resp: 4998

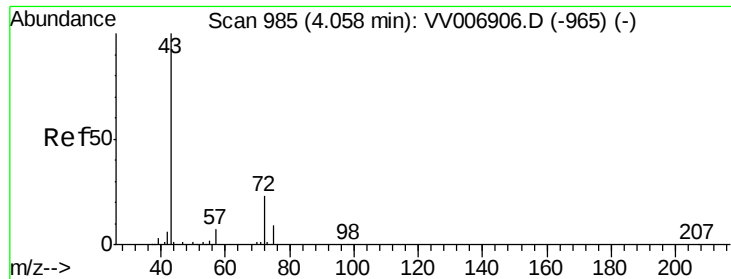
Ion Ratio Lower Upper

84 100

86 63.0 43.6 81.0

49 130.0 88.6 164.6





#21

2-Butanone

Concen: 0.250 ug/L

RT: 4.05 min Scan# 984

Delta R.T. -0.00 min

Lab File: VV006909.D

Acq: 07 Aug 2018 20:49

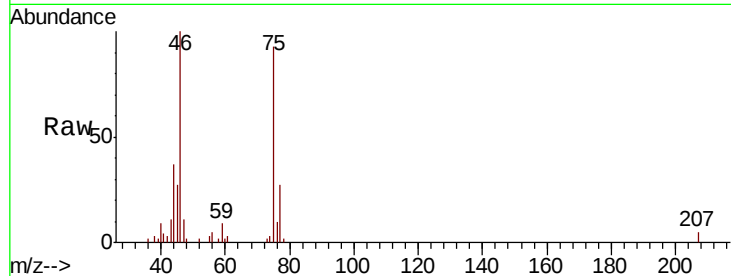
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 942

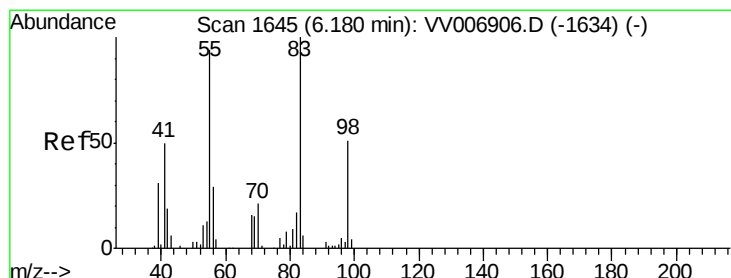
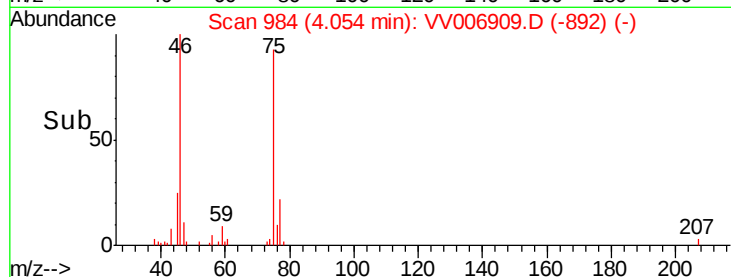
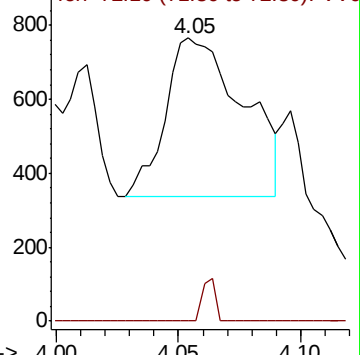
Ion Ratio Lower Upper

43 100

72 4.5 11.9 35.5#



Abundance Ion 43.05 (42.75 to 43.75): VV006906.D (-965) (-)



#35

Methylcyclohexane

Concen: 0.904 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006909.D

Acq: 07 Aug 2018 20:49

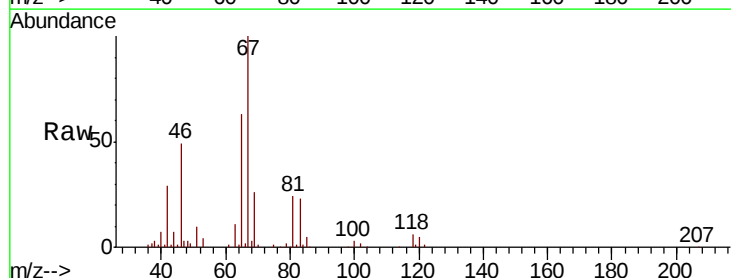
Tgt Ion: 83 Resp: 17487

Ion Ratio Lower Upper

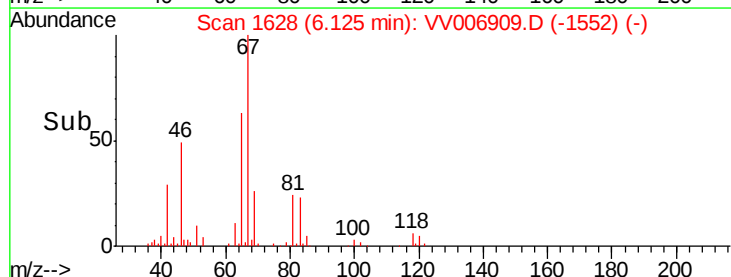
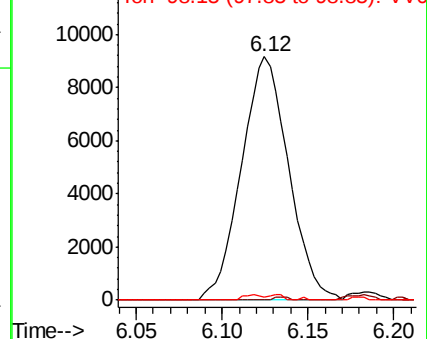
83 100

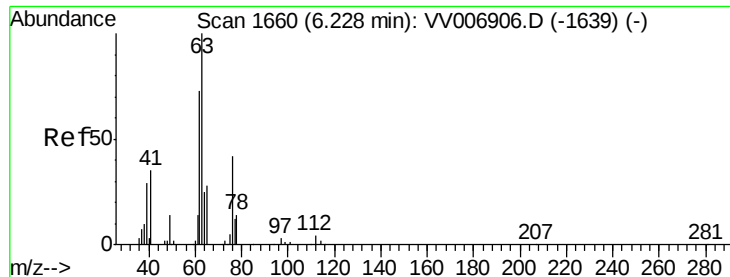
55 0.0 69.8 104.8#

98 0.9 36.4 54.6#



Abundance Ion 83.15 (82.85 to 83.85): VV006906.D (-1634) (-)

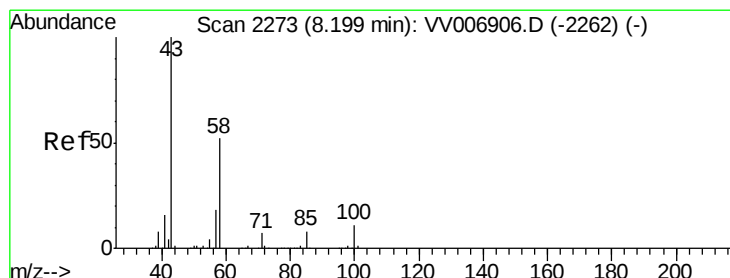
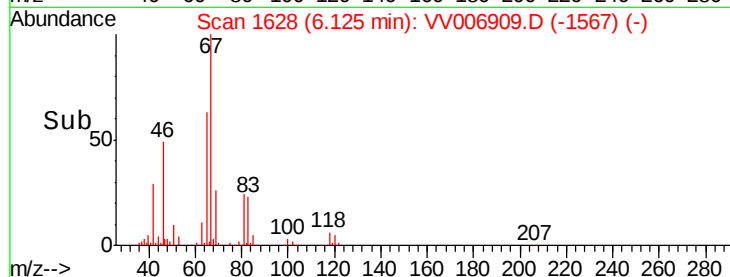
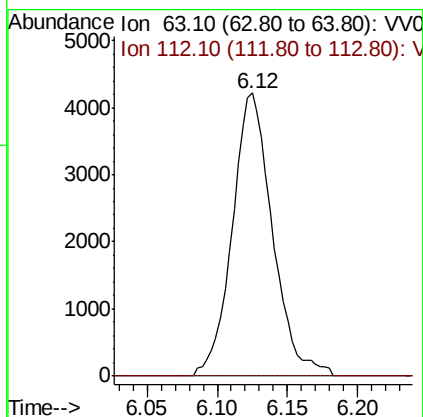
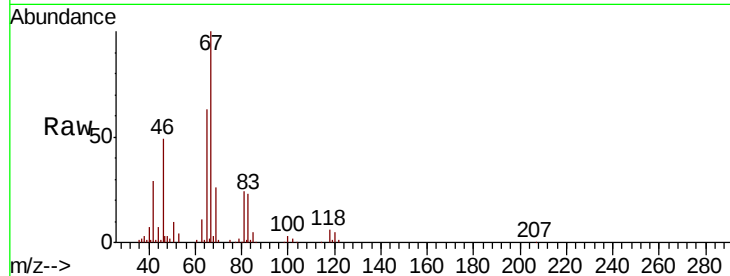




#37
 1,2-Dichloropropane
 Concen: 0.566 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006909.D
 Acq: 07 Aug 2018 20:49

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 8426
 Ion Ratio Lower Upper
 63 100
 112 0.7 3.5 5.3#



#48
 2-Hexanone
 Concen: 1.201 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VV006909.D
 Acq: 07 Aug 2018 20:49

Tgt Ion: 43 Resp: 6980
 Ion Ratio Lower Upper
 43 100
 58 48.8 42.0 63.0
 57 4.4 14.1 21.1#
 100 9.1 8.1 12.1

