

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082918\
 Data File : VV007251.D
 Acq On : 29 Aug 2018 11:45
 Operator : SY/MD
 Sample : J4647-16
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 30 04:43:06 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	238927	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	241458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	95018	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	66891	3.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.00%
7) Chloroethane-d5	1.58	69	62057	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	92029	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.97	46	203726	48.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.22%
24) Chloroform-d	4.40	84	149679	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	77919	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	280552	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.80%
36) 1,2-Dichloropropane-d6	6.12	67	95413	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.40%
41) Toluene-d8	7.36	98	210342	3.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.60%
43) trans-1,3-Dichloropropene-	7.67	79	30187	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	8.15	63	62669	30.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	60.10%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74738	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	81283	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

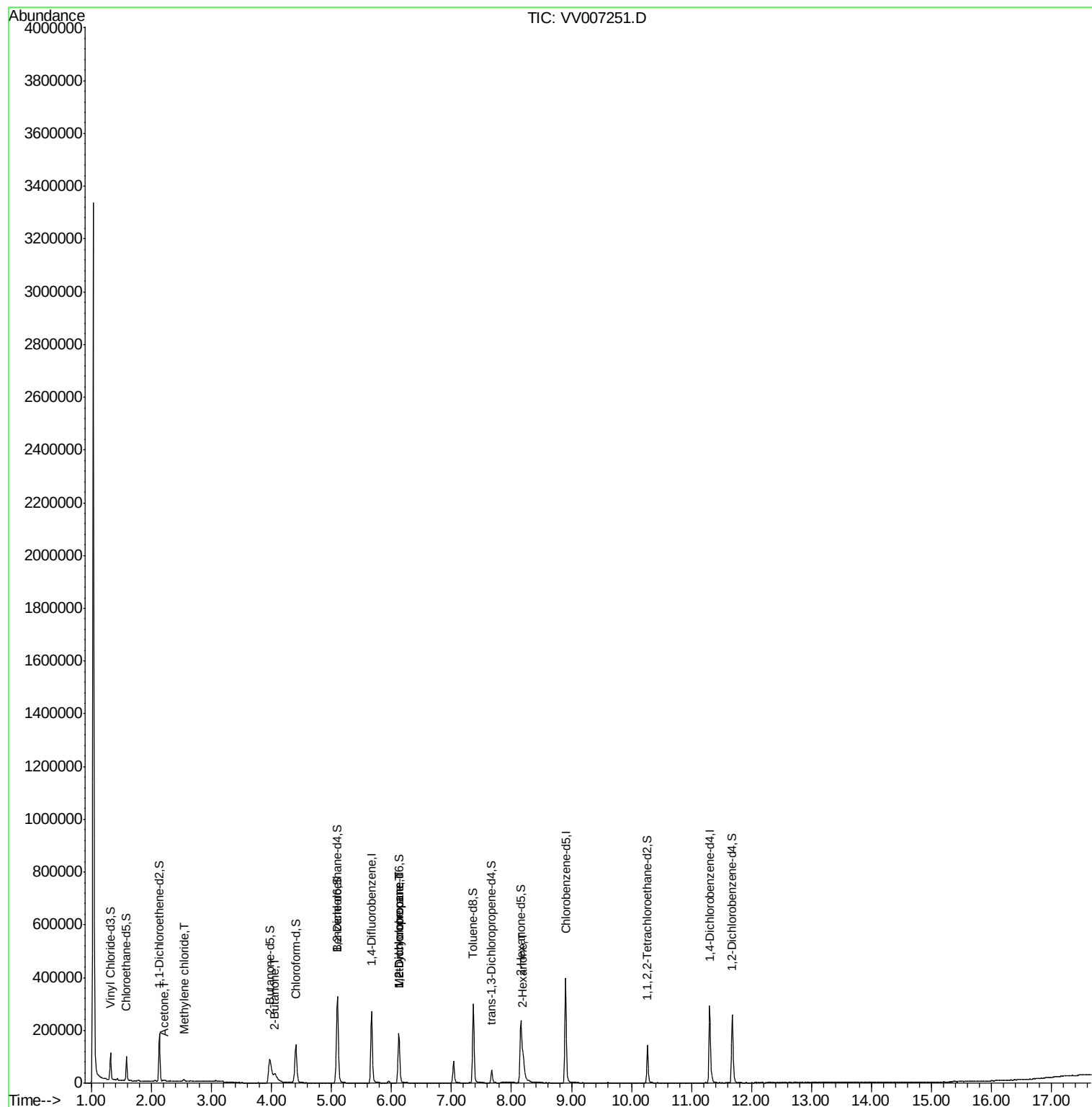
					Ovalue
13) Acetone	2.21	43	1739	0.819 ug/L	80
16) Methylene chloride	2.54	84	3917	0.223 ug/L	93
21) 2-Butanone	4.06	43	1551	0.351 ug/L	81
35) Methylcyclohexane	6.12	83	23848	0.904 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	10183	0.536 ug/L #	86
48) 2-Hexanone	8.20	43	43113	5.810 ug/L #	86

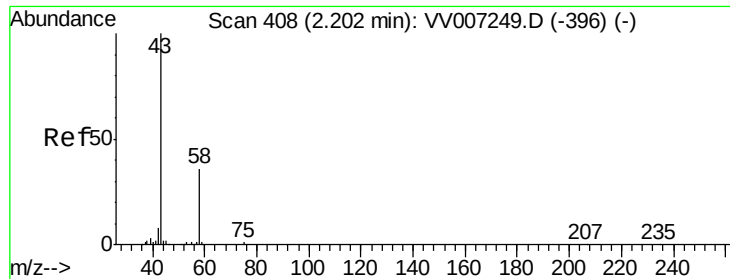
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Aug 30 04:42:02 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.819 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.01 min

Lab File: VV007251.D

Acq: 29 Aug 2018 11:45

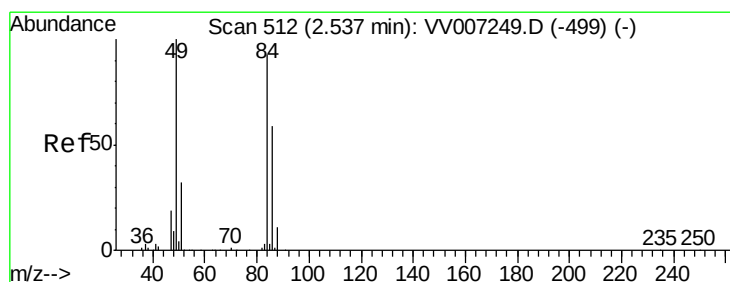
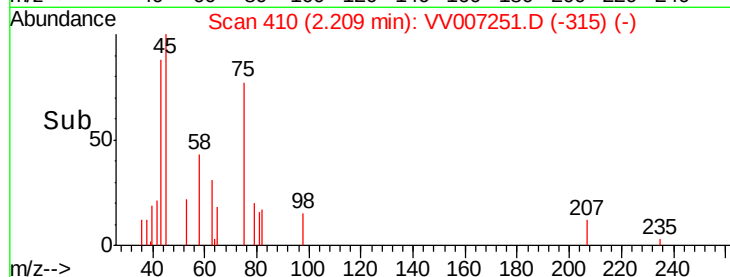
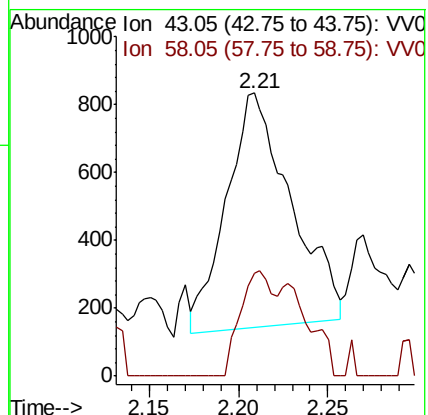
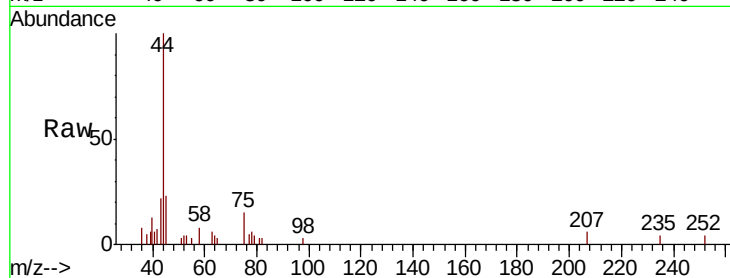
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1739

Ion Ratio Lower Upper

43 100

58 23.6 0.0 70.2



#16

Methylene chloride

Concen: 0.223 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007251.D

Acq: 29 Aug 2018 11:45

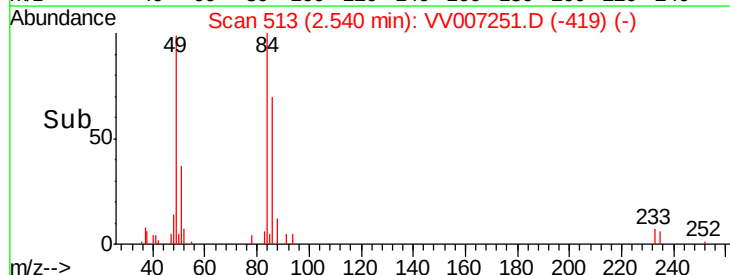
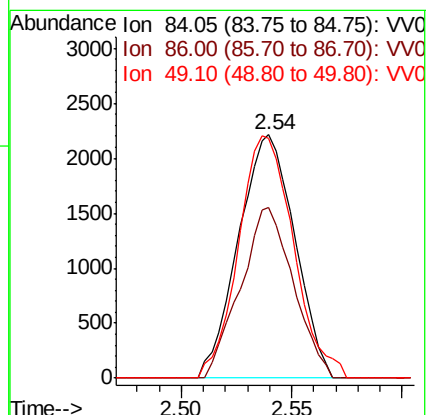
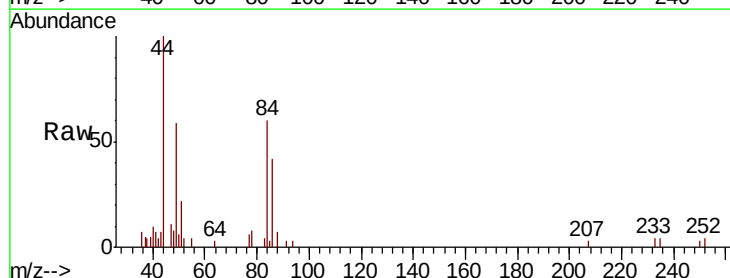
Tgt Ion: 84 Resp: 3917

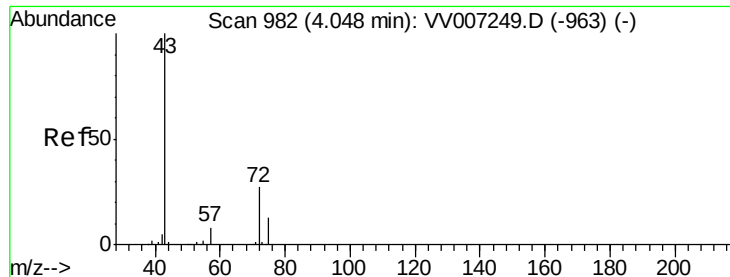
Ion Ratio Lower Upper

84 100

86 69.9 46.3 85.9

49 98.7 75.2 139.6





#21

2-Butanone

Concen: 0.351 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.01 min

Lab File: VV007251.D

Acq: 29 Aug 2018 11:45

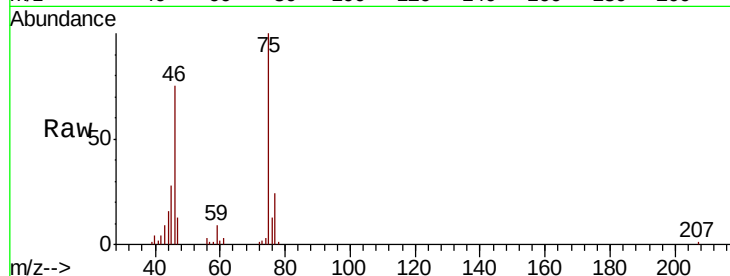
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1551

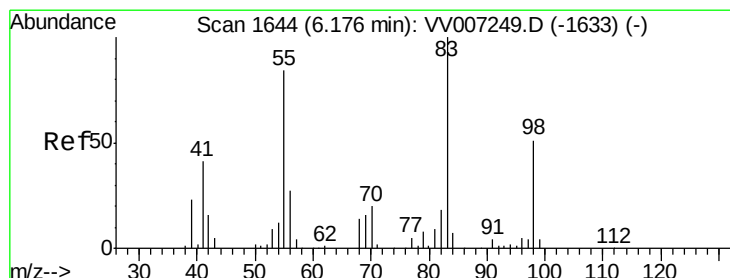
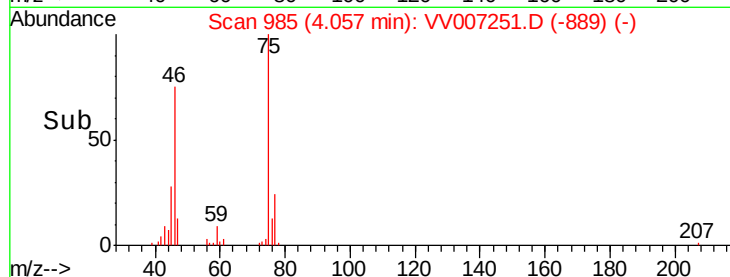
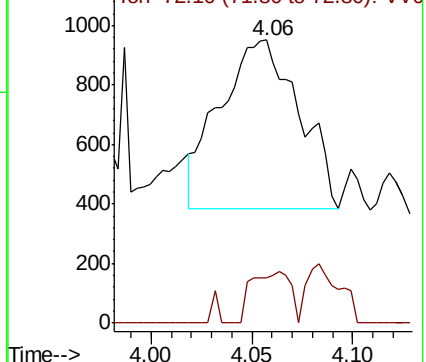
Ion Ratio Lower Upper

43 100

72 15.2 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: 0.904 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV007251.D

Acq: 29 Aug 2018 11:45

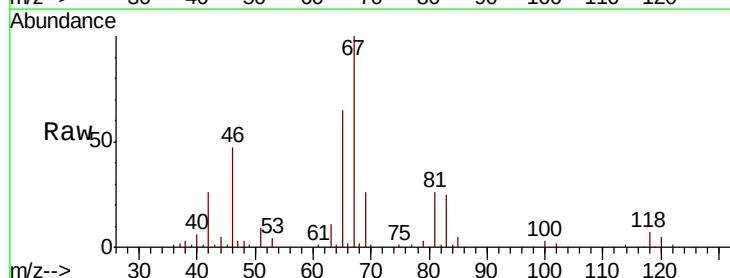
Tgt Ion: 83 Resp: 23848

Ion Ratio Lower Upper

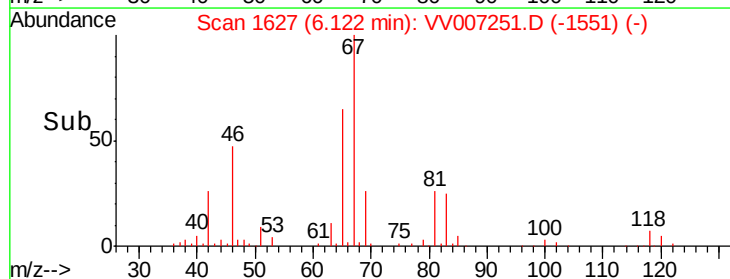
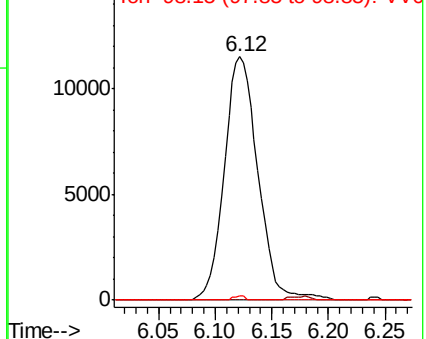
83 100

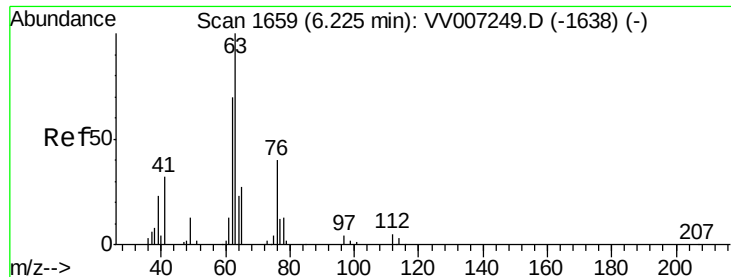
55 0.3 64.0 96.0#

98 0.5 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

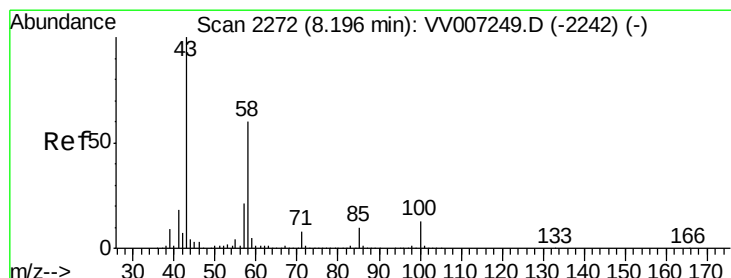
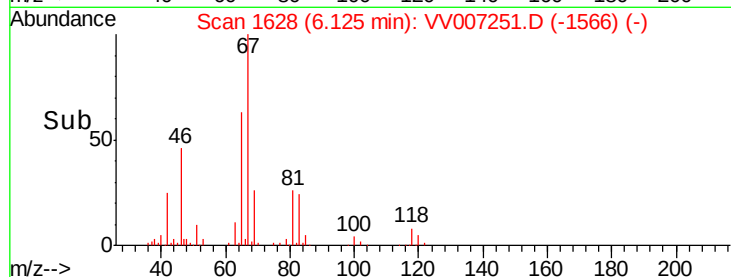
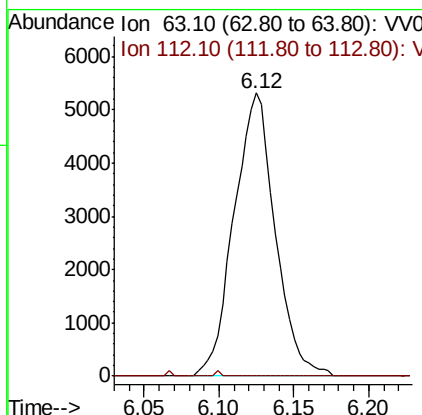
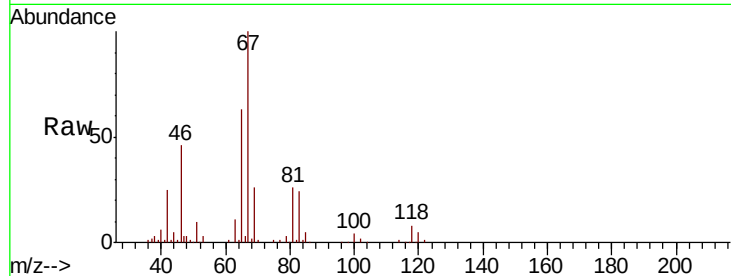




#37
 1,2-Dichloropropane
 Concen: 0.536 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007251.D
 Acq: 29 Aug 2018 11:45

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10183
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.9 5.9#



#48
 2-Hexanone
 Concen: 5.810 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007251.D
 Acq: 29 Aug 2018 11:45

Tgt Ion: 43 Resp: 43113
 Ion Ratio Lower Upper
 43 100
 58 48.6 50.0 75.0#
 57 23.3 16.6 25.0
 100 10.7 10.2 15.4

