

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006807.D
 Acq On : 02 Aug 2018 14:46
 Operator : SY/MD
 Sample : VV0802WBL01
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:57:31 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	248511	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	218688	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90741	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	88769	5.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	1.58	69	79230	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	124861	3.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	3.96	46	235387	56.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.78%
24) Chloroform-d	4.40	84	154841	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.09	65	82525	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.60%
32) Benzene-d6	5.10	84	327014	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
36) 1,2-Dichloropropane-d6	6.12	67	107675	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	270940	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.80%
43) trans-1,3-Dichloropropene-	7.67	79	36129	5.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.80%
46) 2-Hexanone-d5	8.14	63	175094	57.04	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.08%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81741	5.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	93472	5.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.00%

Target Compounds

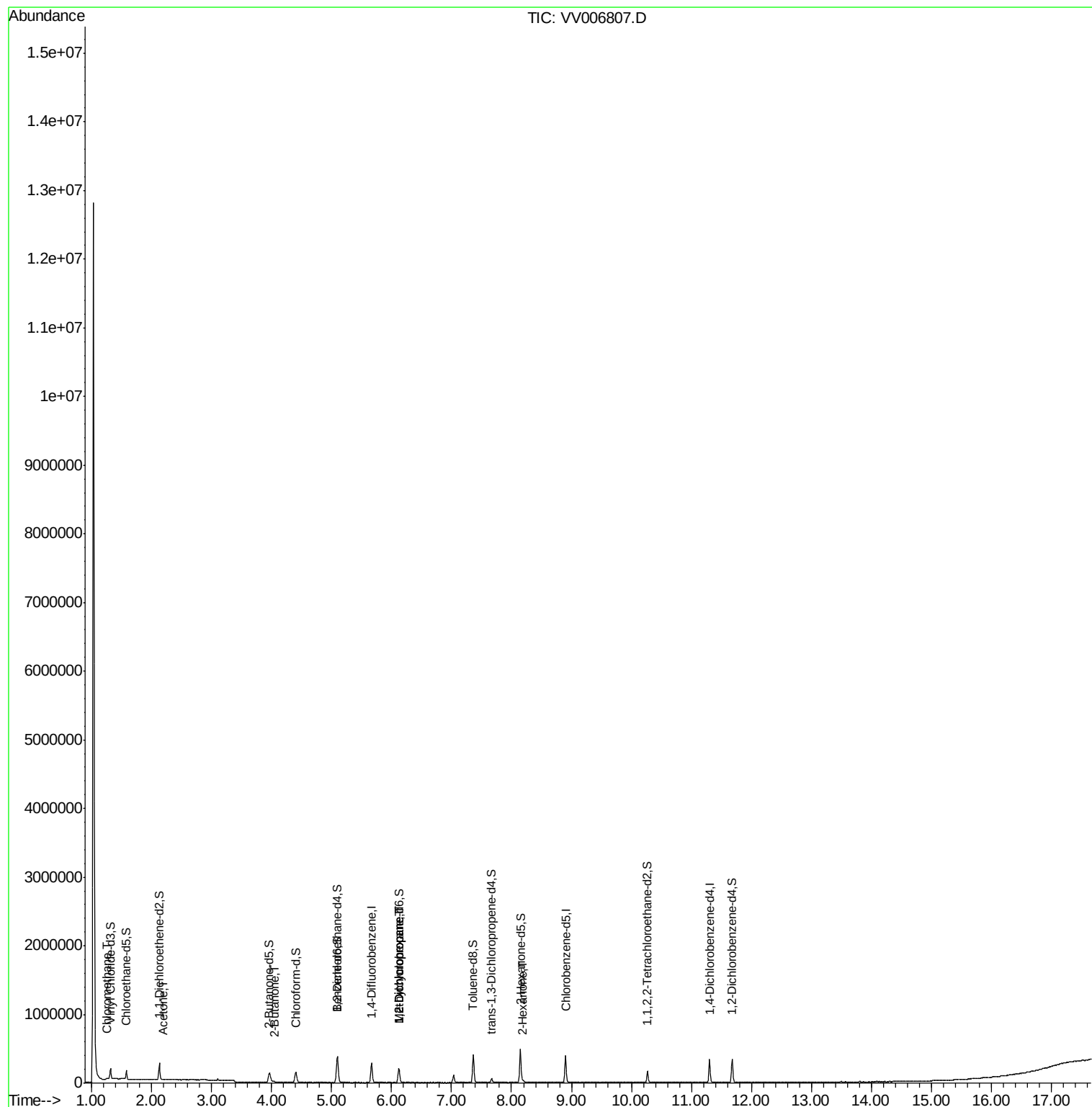
					Ovalue
3) Chloromethane	1.25	50	7773	0.271 ug/L	98
13) Acetone	2.21	43	3661	1.244 ug/L	81
21) 2-Butanone	4.06	43	955	0.212 ug/L	75
35) Methylcyclohexane	6.12	83	25358	0.934 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	10550	0.599 ug/L #	89
48) 2-Hexanone	8.20	43	6538	0.988 ug/L #	84

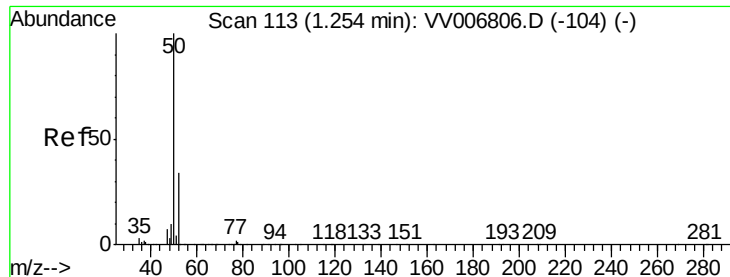
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.271 ug/L

RT: 1.25 min Scan# 112

Delta R.T. -0.00 min

Lab File: VV006807.D

Acq: 02 Aug 2018 14:46

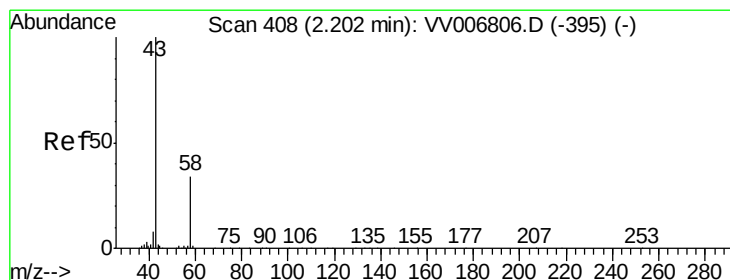
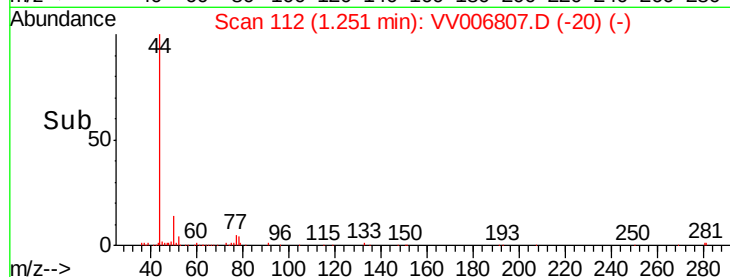
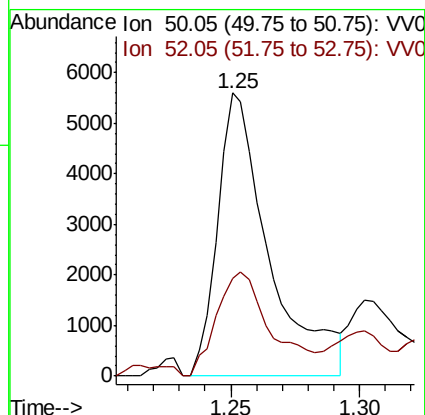
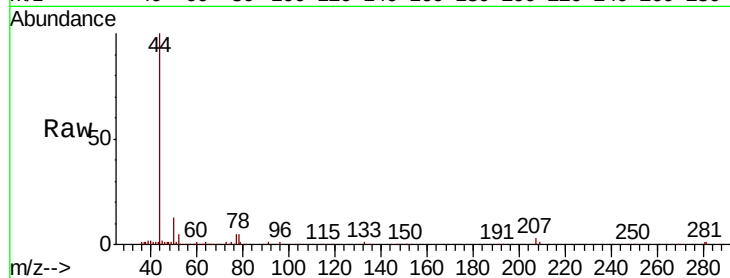
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 7773

Ion Ratio Lower Upper

50 100

52 34.7 23.3 43.3



#13

Acetone

Concen: 1.244 ug/L

RT: 2.21 min Scan# 409

Delta R.T. 0.00 min

Lab File: VV006807.D

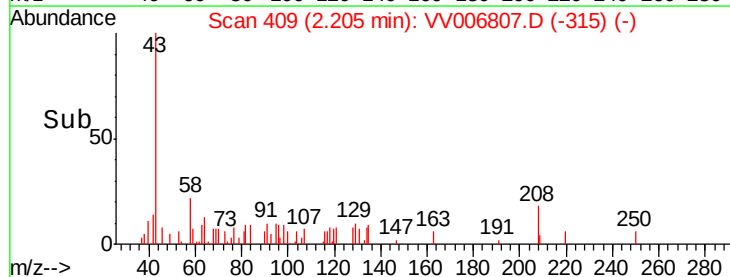
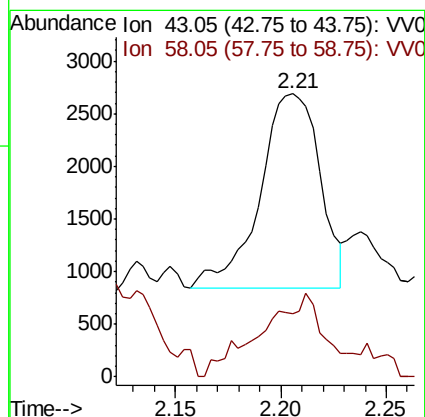
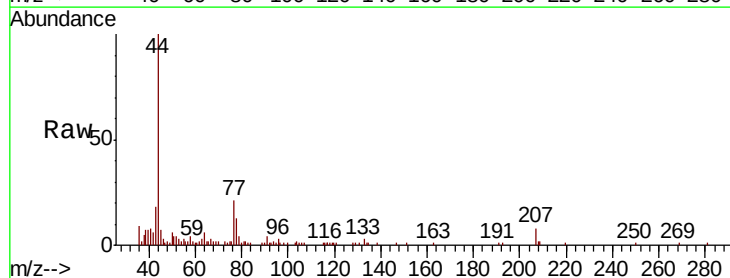
Acq: 02 Aug 2018 14:46

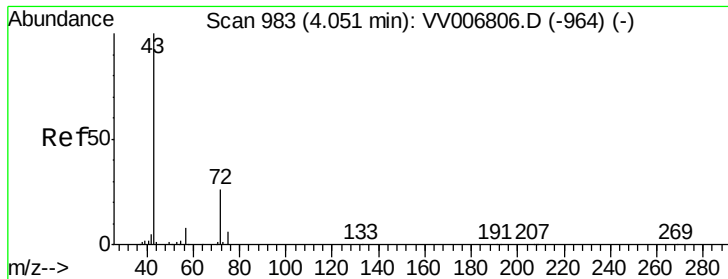
Tgt Ion: 43 Resp: 3661

Ion Ratio Lower Upper

43 100

58 45.3 0.0 69.0





#21

2-Butanone

Concen: 0.212 ug/L

RT: 4.06 min Scan# 985

Delta R.T. 0.01 min

Lab File: VV006807.D

Acq: 02 Aug 2018 14:46

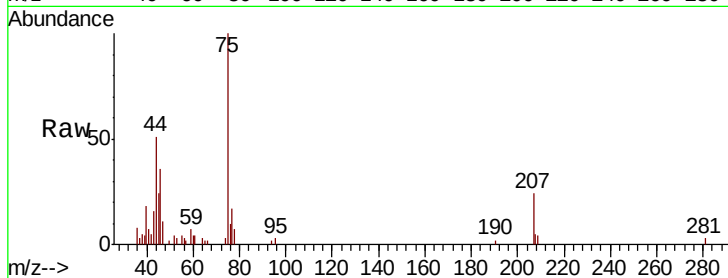
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 955

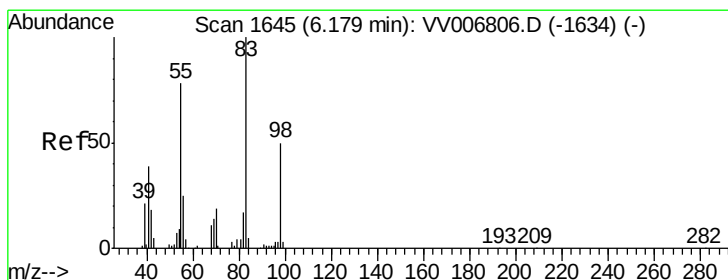
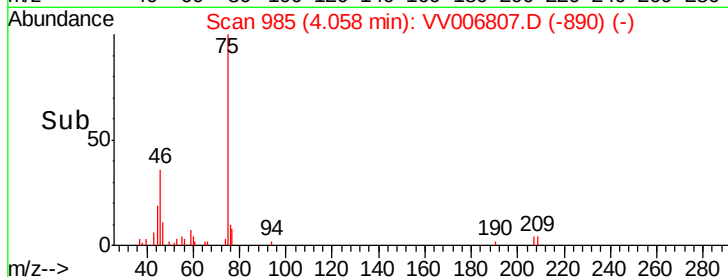
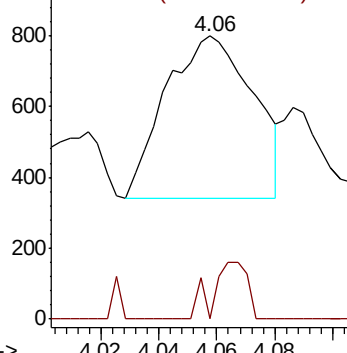
Ion Ratio Lower Upper

43 100

72 13.9 13.4 40.1



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



#35

Methylcyclohexane

Concen: 0.934 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006807.D

Acq: 02 Aug 2018 14:46

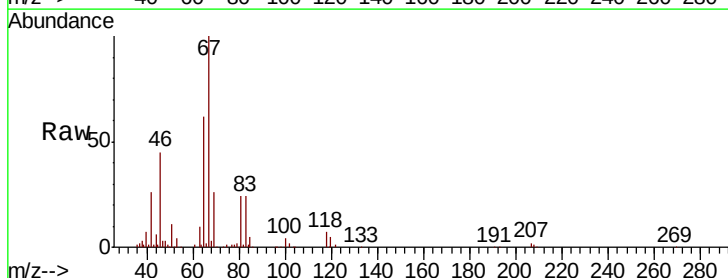
Tgt Ion: 83 Resp: 25358

Ion Ratio Lower Upper

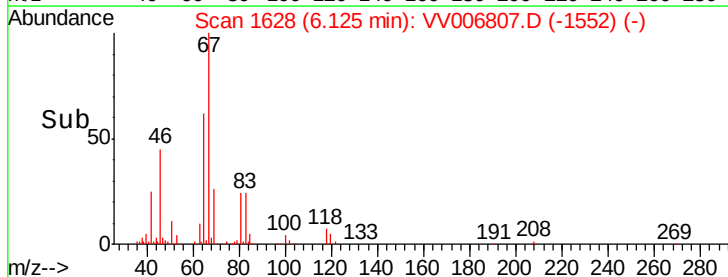
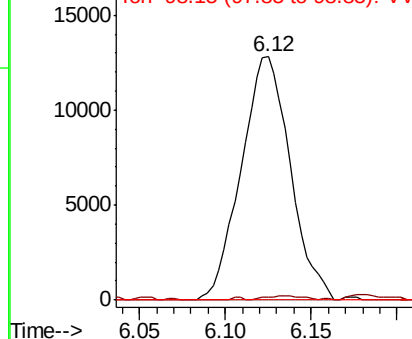
83 100

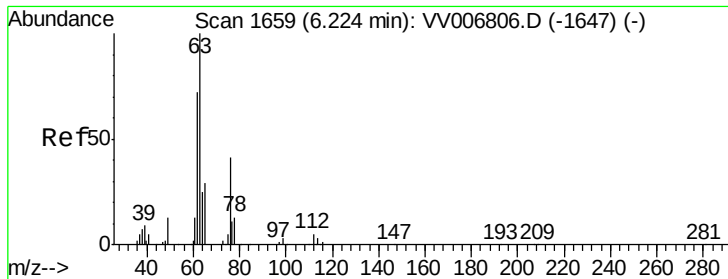
55 1.4 61.8 92.6#

98 0.0 37.2 55.8#



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

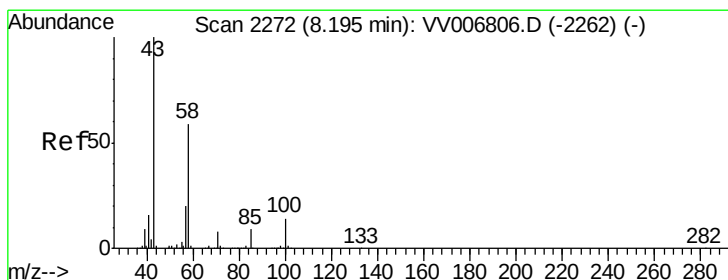
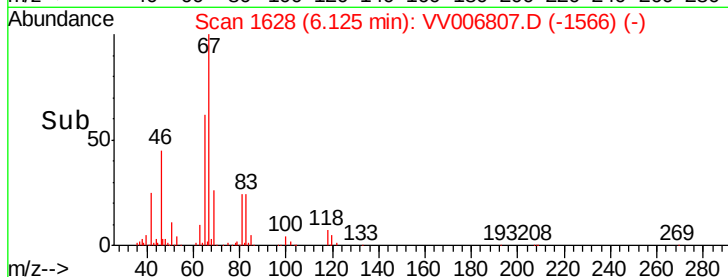
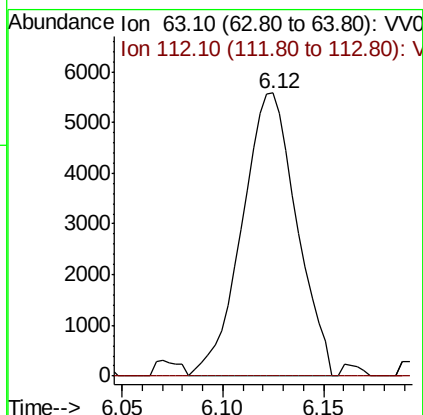
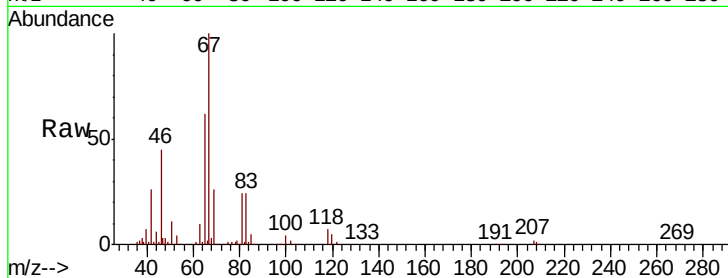




#37
 1,2-Dichloropropane
 Concen: 0.599 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006807.D
 Acq: 02 Aug 2018 14:46

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10550
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.0 4.6#



#48
 2-Hexanone
 Concen: 0.988 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006807.D
 Acq: 02 Aug 2018 14:46

Tgt Ion: 43 Resp: 6538
 Ion Ratio Lower Upper
 43 100
 58 63.2 45.4 68.0
 57 0.0 15.4 23.2#
 100 9.7 10.6 16.0#

