

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080218\
 Data File : VV006826.D
 Acq On : 02 Aug 2018 23:30
 Operator : SY/MD
 Sample : J4314-05
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 03 01:59:58 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	212151	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	75192	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79037	5.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.60%
7) Chloroethane-d5	1.58	69	73986	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.80%
11) 1,1-Dichloroethene-d2	2.13	63	111039	4.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	81.60%
20) 2-Butanone-d5	3.96	46	232164	65.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	130.30%#
24) Chloroform-d	4.41	84	149044	5.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.00%
26) 1,2-Dichloroethane-d4	5.09	65	80080	6.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	123.60%
32) Benzene-d6	5.10	84	290684	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.20%
36) 1,2-Dichloropropane-d6	6.12	67	100027	5.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.80%
41) Toluene-d8	7.37	98	228799	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.67	79	31614	5.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.40%
46) 2-Hexanone-d5	8.14	63	152805	56.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	80357	6.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.00%#
64) 1,2-Dichlorobenzene-d4	11.68	152	80458	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

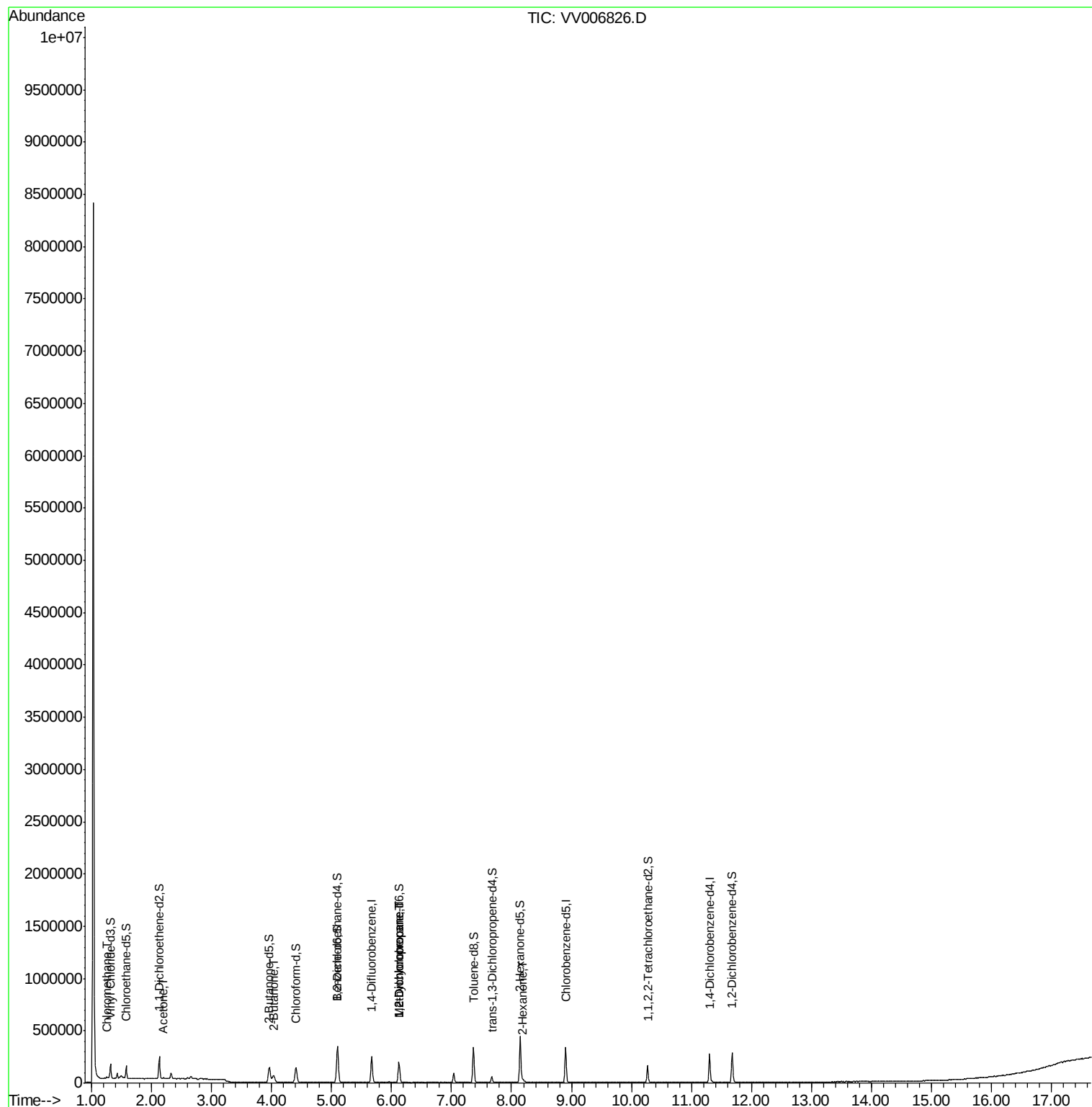
					Ovalue
3) Chloromethane	1.25	50	10241	0.418 ug/L	95
13) Acetone	2.20	43	6499	2.586 ug/L	92
21) 2-Butanone	4.03	43	1838	0.479 ug/L	86
35) Methylcyclohexane	6.12	83	23781	0.988 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	10894	0.698 ug/L #	90
48) 2-Hexanone	8.20	43	6769	1.155 ug/L #	83

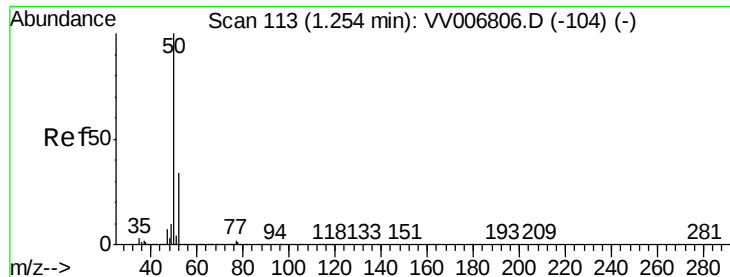
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 03 01:56:09 2018
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.418 ug/L

RT: 1.25 min Scan# 113

Delta R.T. 0.00 min

Lab File: VV006826.D

Acq: 02 Aug 2018 23:30

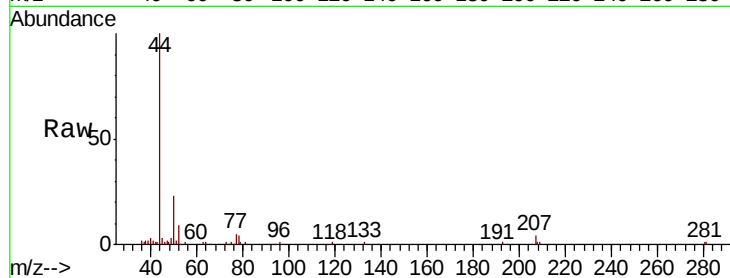
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 50 Resp: 10241

Ion Ratio Lower Upper

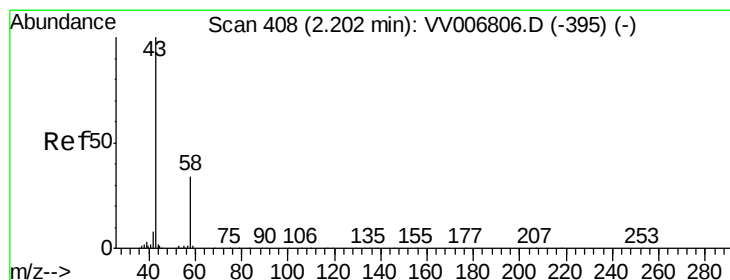
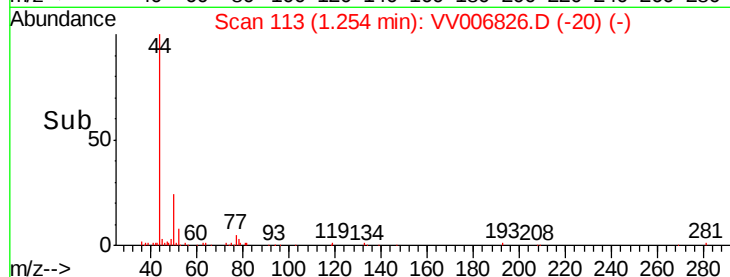
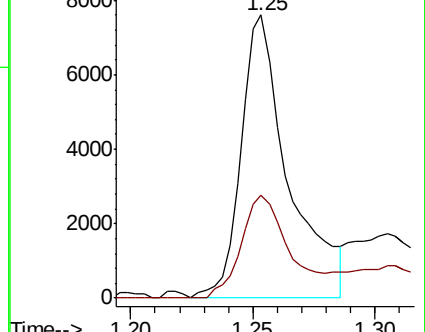
50 100

52 36.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV006806.D (-104) (-)

Ion 52.05 (51.75 to 52.75): VV006806.D (-104) (-)



#13

Acetone

Concen: 2.586 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.00 min

Lab File: VV006826.D

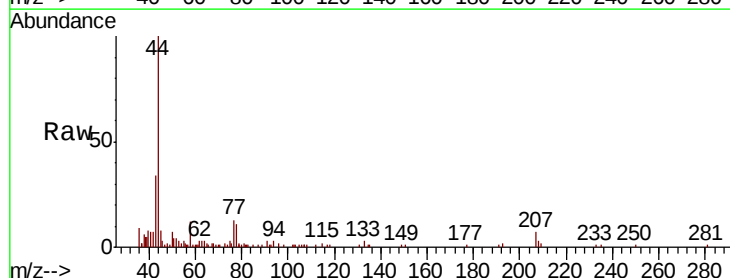
Acq: 02 Aug 2018 23:30

Tgt Ion: 43 Resp: 6499

Ion Ratio Lower Upper

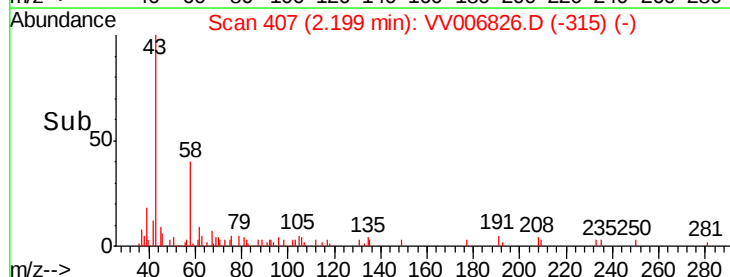
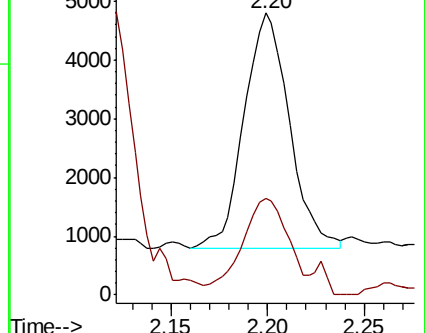
43 100

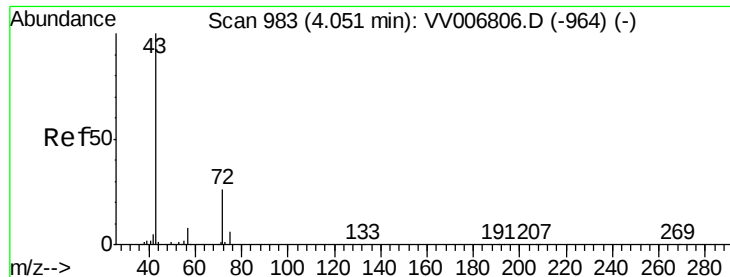
58 39.2 0.0 69.0



Abundance Ion 43.05 (42.75 to 43.75): VV006806.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006806.D (-395) (-)





#21

2-Butanone

Concen: 0.479 ug/L

RT: 4.03 min Scan# 978

Delta R.T. -0.02 min

Lab File: VV006826.D

Acq: 02 Aug 2018 23:30

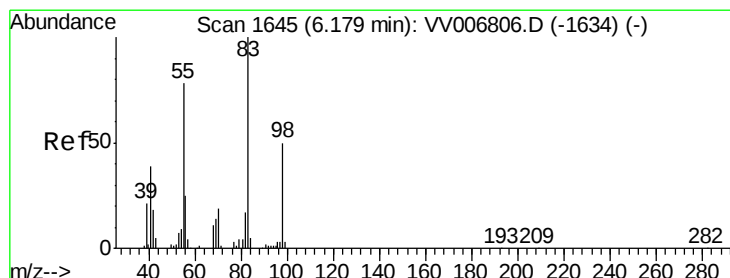
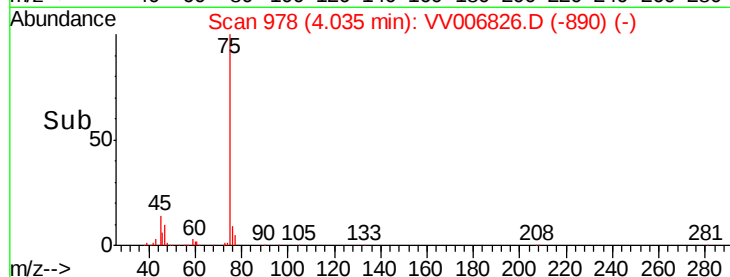
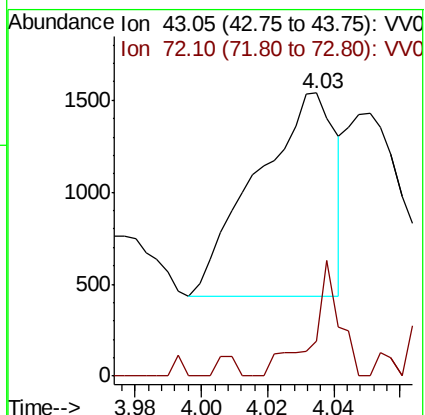
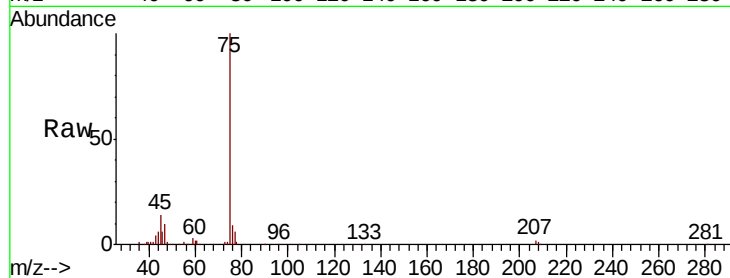
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1838

Ion Ratio Lower Upper

43 100

72 19.4 13.4 40.1



#35

Methylcyclohexane

Concen: 0.988 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006826.D

Acq: 02 Aug 2018 23:30

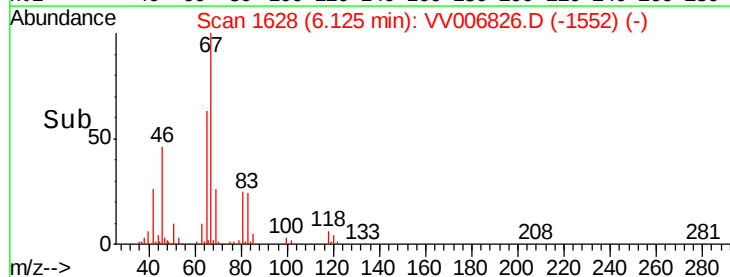
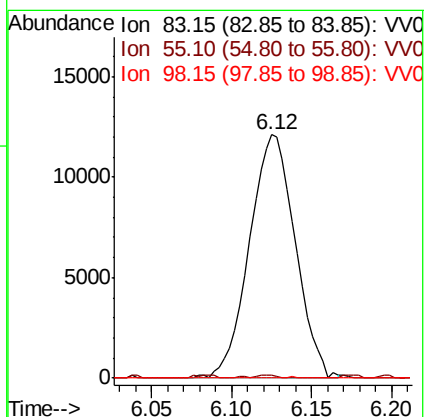
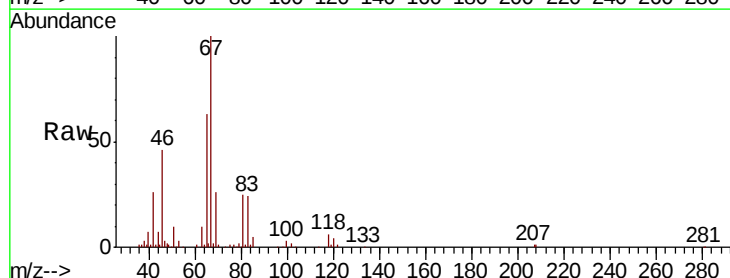
Tgt Ion: 83 Resp: 23781

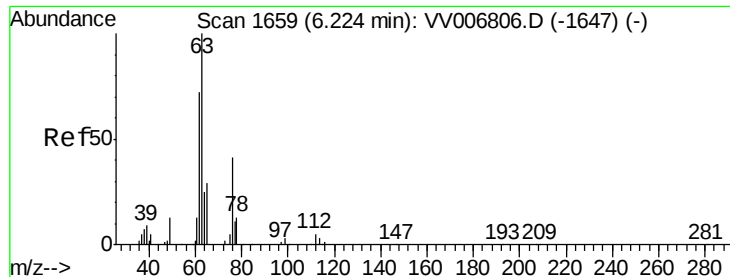
Ion Ratio Lower Upper

83 100

55 0.5 61.8 92.6#

98 0.1 37.2 55.8#

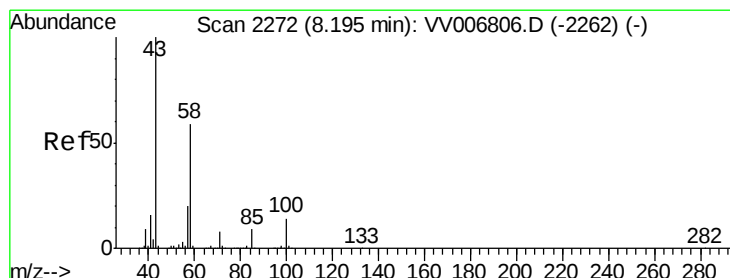
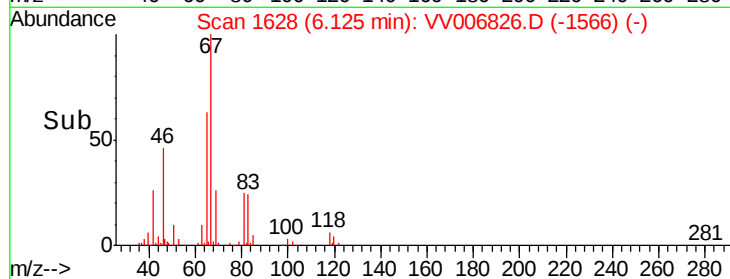
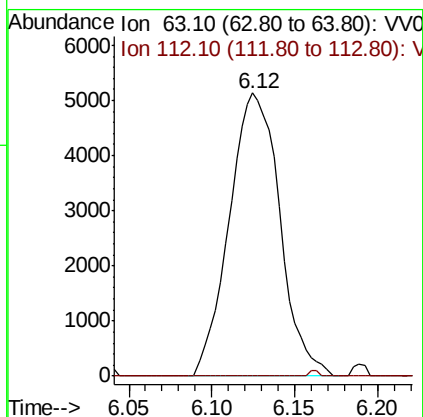
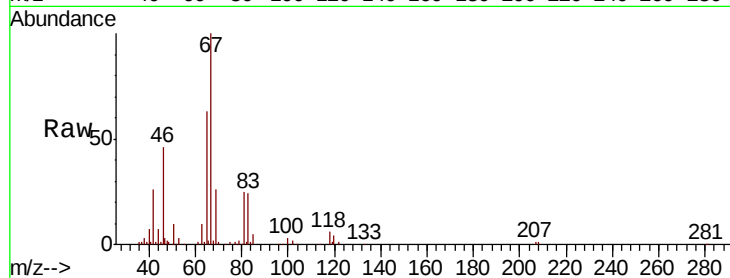




#37
 1,2-Dichloropropane
 Concen: 0.698 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006826.D
 Acq: 02 Aug 2018 23:30

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 10894
 Ion Ratio Lower Upper
 63 100
 112 0.4 3.0 4.6#



#48
 2-Hexanone
 Concen: 1.155 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV006826.D
 Acq: 02 Aug 2018 23:30

Tgt Ion: 43 Resp: 6769
 Ion Ratio Lower Upper
 43 100
 58 45.5 45.4 68.0
 57 11.7 15.4 23.2#
 100 2.5 10.6 16.0#

