

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007274.D
 Acq On : 30 Aug 2018 21:13
 Operator : SY/MD
 Sample : J4633-04
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 31 02:33:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:32:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	273333	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	269383	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	110504	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	80138	3.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.00%
7) Chloroethane-d5	1.58	69	74931	4.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.60%
11) 1,1-Dichloroethene-d2	2.13	63	108595	2.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.40%#
20) 2-Butanone-d5	3.97	46	224299	48.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.16%
24) Chloroform-d	4.41	84	185869	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	5.09	65	91503	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	347935	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
36) 1,2-Dichloropropane-d6	6.12	67	119507	4.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.40%
41) Toluene-d8	7.37	98	263949	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
43) trans-1,3-Dichloropropene-	7.67	79	35699	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.15	63	140485	44.61	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.22%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	90602	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	102968	4.66	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.20%

Target Compounds

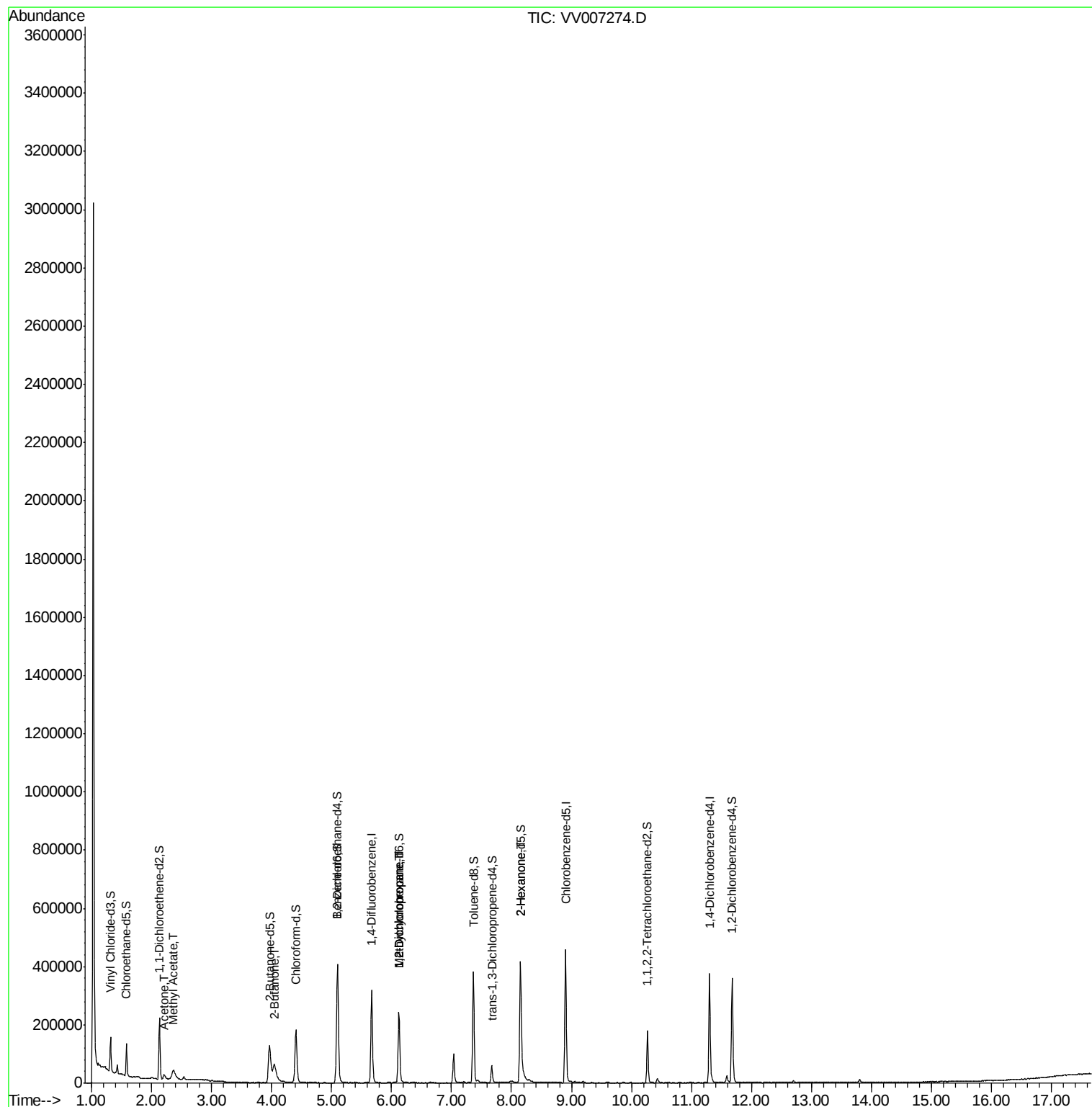
					Ovalue
13) Acetone	2.21	43	17963	6.987 ug/L	93
15) Methyl Acetate	2.37	43	17035	2.654 ug/L #	47
21) 2-Butanone	4.05	43	6650	1.439 ug/L #	70
35) Methylcyclohexane	6.12	83	28397	0.833 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	11972	0.531 ug/L #	86
48) 2-Hexanone	8.15	43	20072	2.746 ug/L #	63

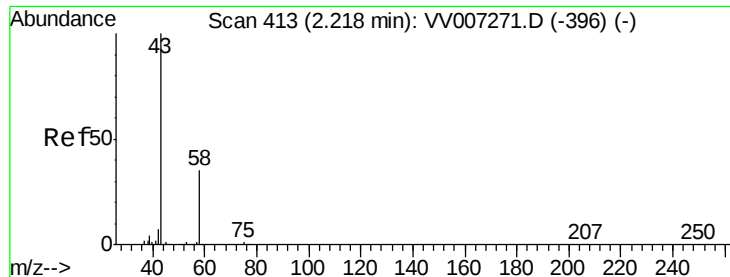
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 31 02:32:21 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.987 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.01 min

Lab File: VV007274.D

Acq: 30 Aug 2018 21:13

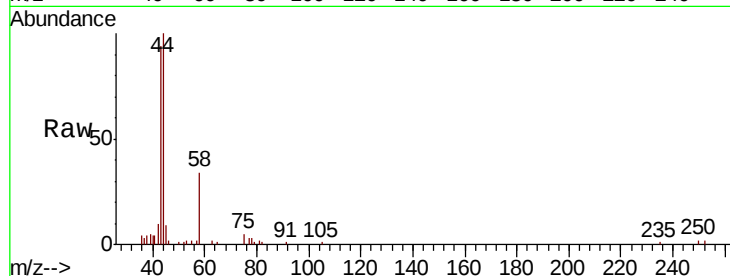
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 17963

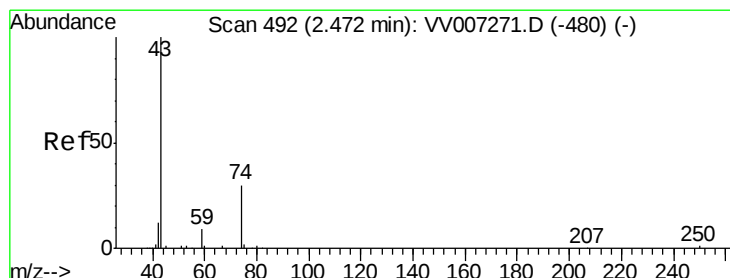
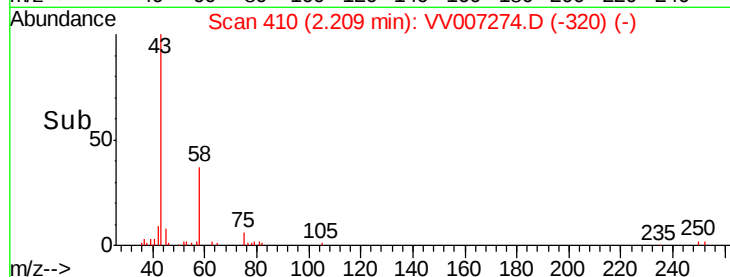
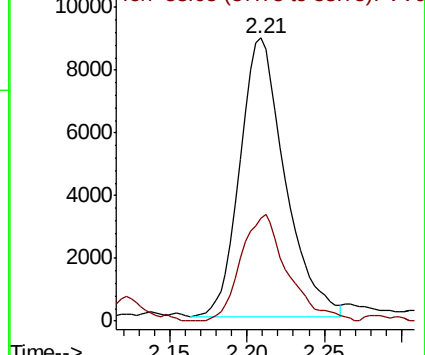
Ion Ratio Lower Upper

43 100

58 39.7 0.0 71.8



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



#15

Methyl Acetate

Concen: 2.654 ug/L

RT: 2.37 min Scan# 459

Delta R.T. -0.11 min

Lab File: VV007274.D

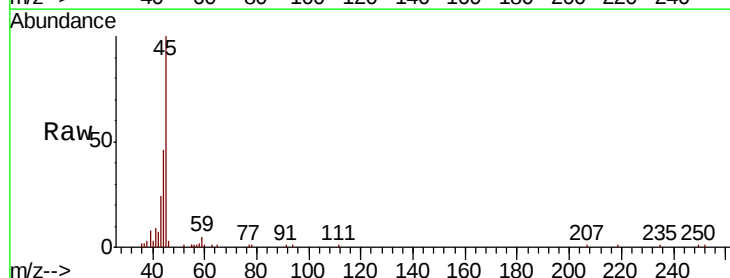
Acq: 30 Aug 2018 21:13

Tgt Ion: 43 Resp: 17035

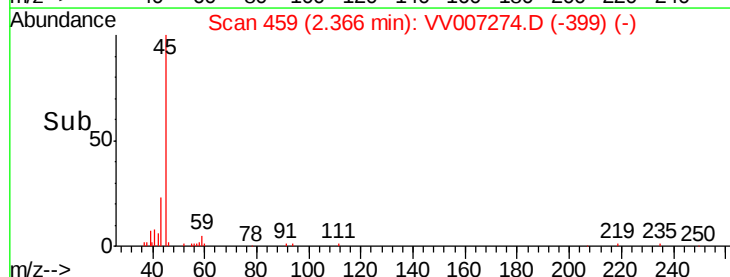
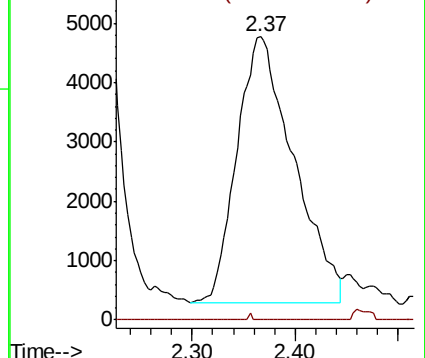
Ion Ratio Lower Upper

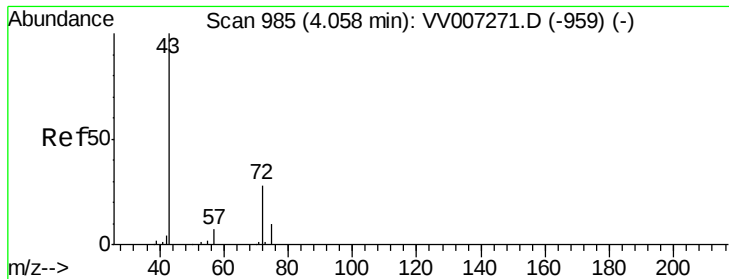
43 100

74 0.1 22.5 33.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0
Ion 74.05 (73.75 to 74.75): VV0





#21

2-Butanone

Concen: 1.439 ug/L

RT: 4.05 min Scan# 983

Delta R.T. -0.01 min

Lab File: VV007274.D

Acq: 30 Aug 2018 21:13

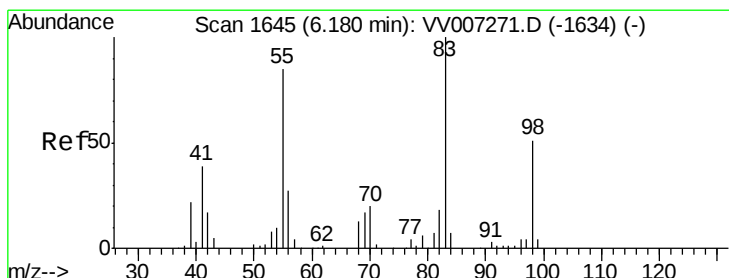
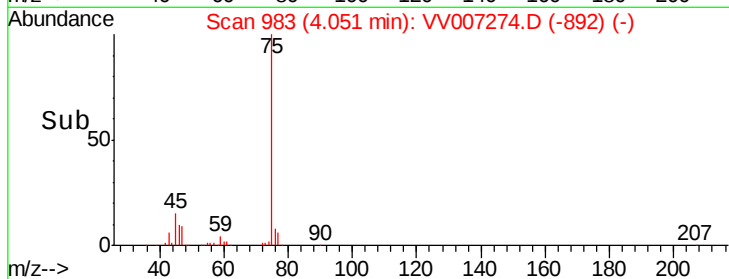
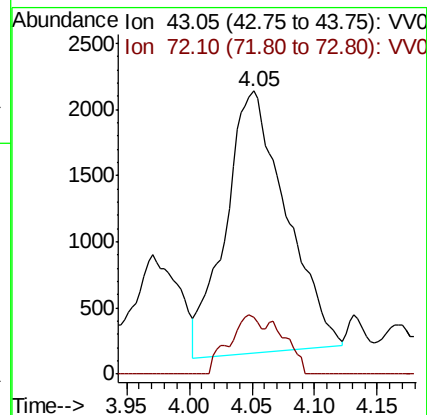
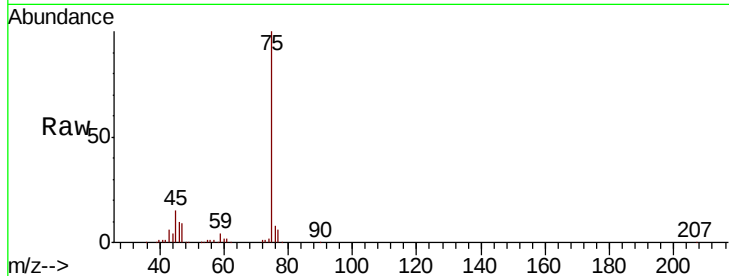
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 6650

Ion Ratio Lower Upper

43 100

72 12.5 14.1 42.3#



#35

Methylcyclohexane

Concen: 0.833 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007274.D

Acq: 30 Aug 2018 21:13

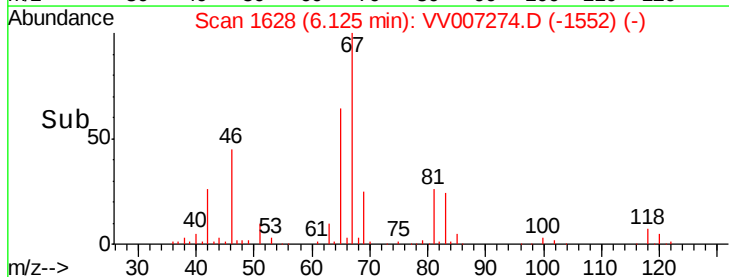
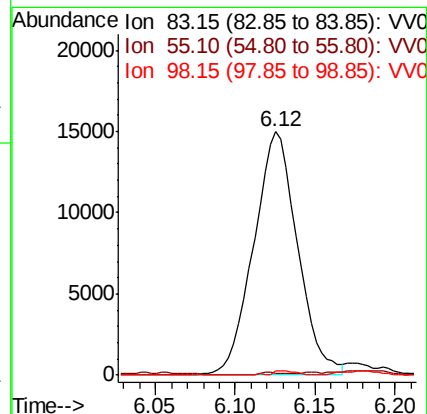
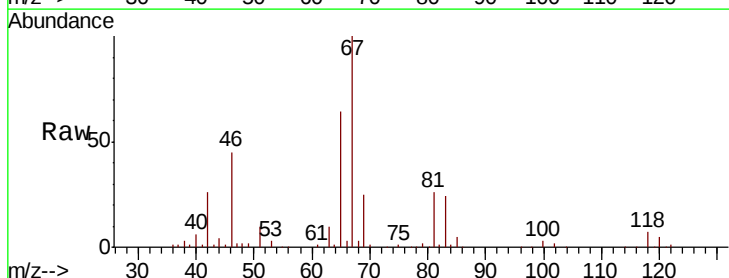
Tgt Ion: 83 Resp: 28397

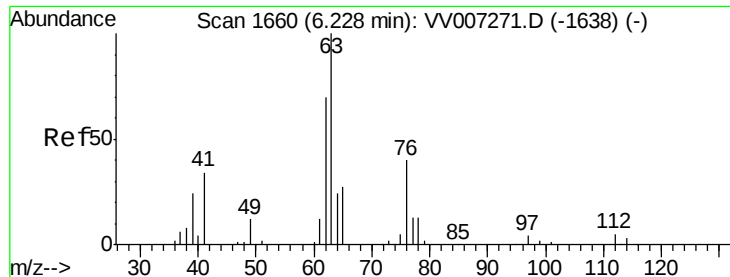
Ion Ratio Lower Upper

83 100

55 0.4 63.5 95.3#

98 0.8 38.9 58.3#

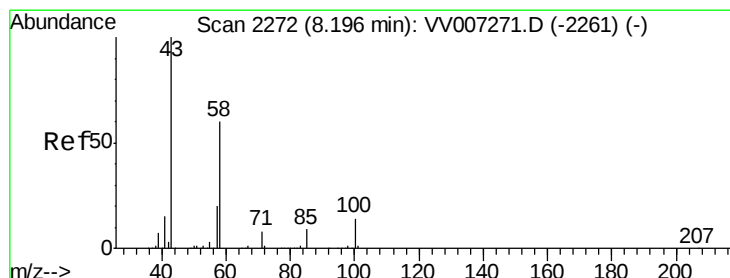
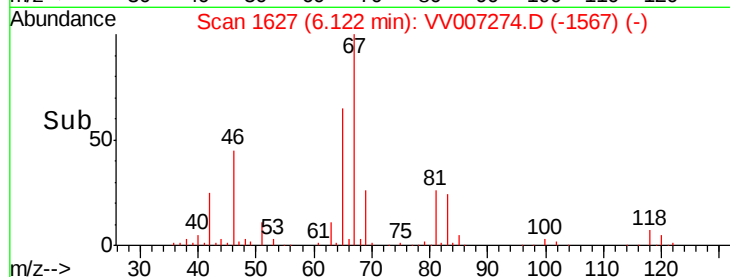
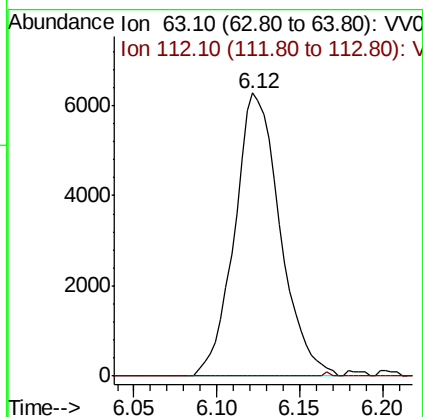
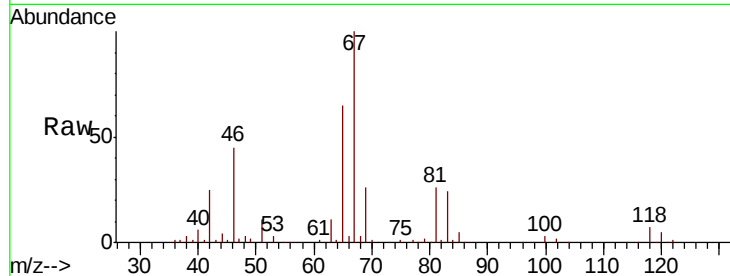




#37
 1,2-Dichloropropane
 Concen: 0.531 ug/L
 RT: 6.12 min Scan# 1627
 Delta R.T. -0.11 min
 Lab File: VV007274.D
 Acq: 30 Aug 2018 21:13

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 11972
 Ion Ratio Lower Upper
 63 100
 112 0.2 3.9 5.9#



#48
 2-Hexanone
 Concen: 2.746 ug/L
 RT: 8.15 min Scan# 2257
 Delta R.T. -0.05 min
 Lab File: VV007274.D
 Acq: 30 Aug 2018 21:13

Tgt Ion: 43 Resp: 20072
 Ion Ratio Lower Upper
 43 100
 58 81.1 46.6 69.8#
 57 49.8 15.4 23.0#
 100 5.2 10.4 15.6#

