

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006766.D
 Acq On : 30 Jul 2018 16:55
 Operator : SY/MD
 Sample : J4148-12
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 18:07:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jul 30 16:58:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	224677	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	211119	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85668	5.00	ug/L	0.00

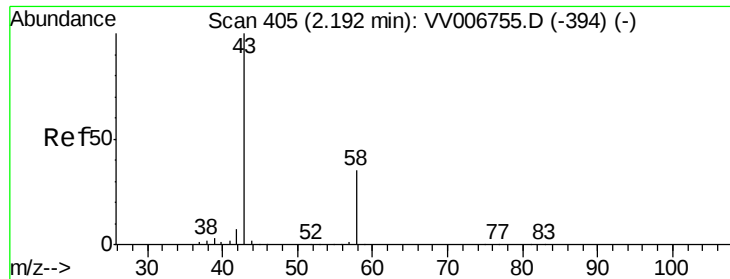
System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63843	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.58	69	52553	5.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	114.40%
11) 1,1-Dichloroethene-d2	2.13	63	86343	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.95	46	178361	48.82	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.64%
24) Chloroform-d	4.40	84	119930	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.09	65	62393	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.10	84	243484	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.20%
36) 1,2-Dichloropropane-d6	6.12	67	81670	5.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.40%
41) Toluene-d8	7.36	98	201410	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
43) trans-1,3-Dichloropropene-	7.67	79	24631	5.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.00%
46) 2-Hexanone-d5	8.14	63	142068	46.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.80%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	60730	5.08	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	73644	5.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.40%

Target Compounds

					Ovalue
13) Acetone	2.19	43	9007	3.875 ug/L	99
16) Methylene chloride	2.54	84	6667	0.395 ug/L	98
21) 2-Butanone	4.04	43	1542	0.396 ug/L #	47
35) Methylcyclohexane	6.12	83	18198	0.680 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	8267	0.507 ug/L #	86
48) 2-Hexanone	8.19	43	3243	0.519 ug/L #	89

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



#13

Acetone

Concen: 3.875 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

Lab File: VV006766.D

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Instrument :

MSVOA_V

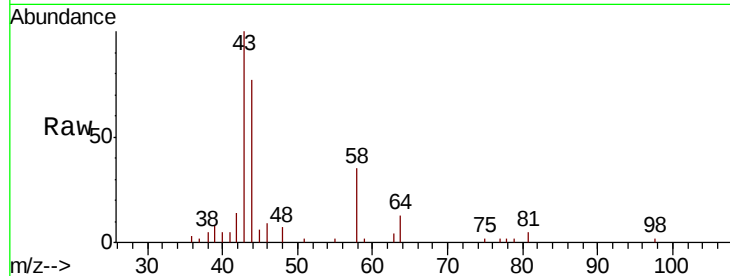
ClientSampleId :

Tot Ion: 43 Resp: 9007

Ion Ratio Lower Upper

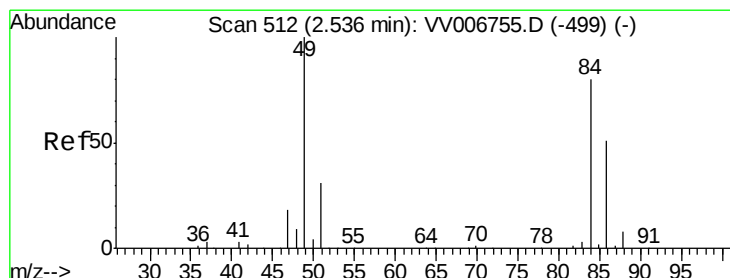
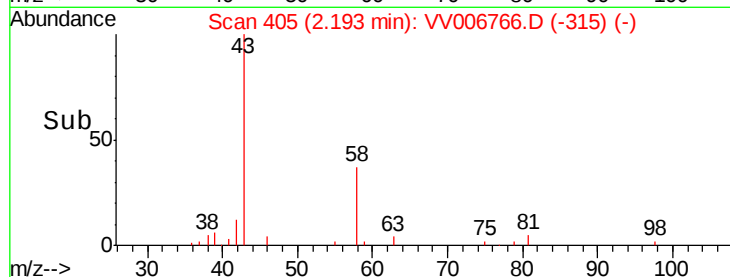
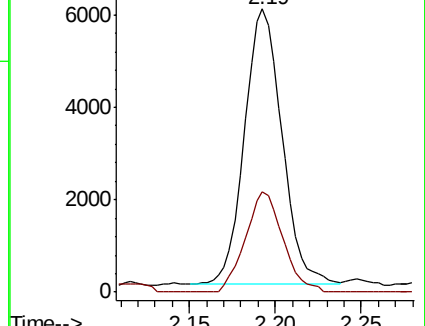
43 100

58 36.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006755.D (-394) (-)

Ion 58.05 (57.75 to 58.75): VV006755.D (-394) (-)



#16

Methylene chloride

Concen: 0.395 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV006766.D

Acq: 30 Jul 2018 16:55

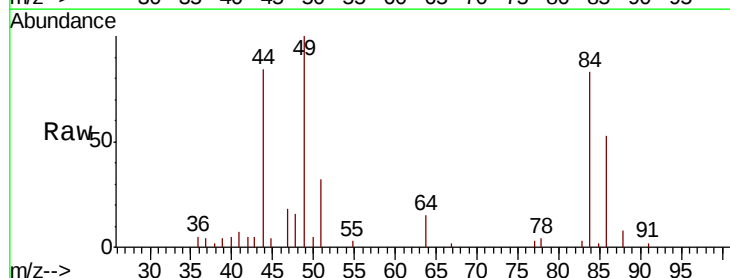
Tgt Ion: 84 Resp: 6667

Ion Ratio Lower Upper

84 100

86 64.1 44.7 83.1

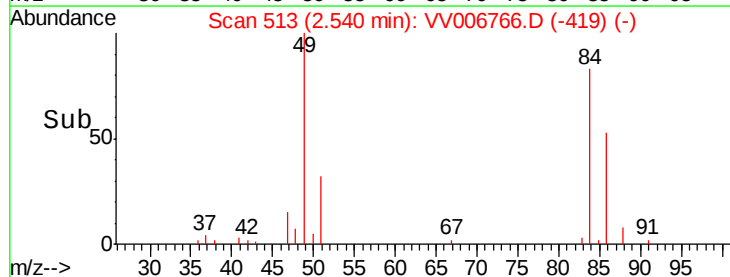
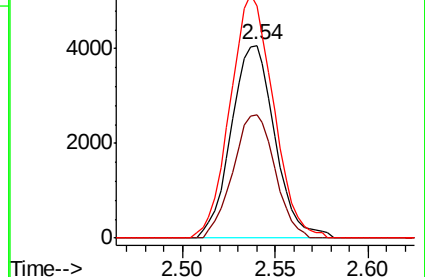
49 120.7 86.7 160.9

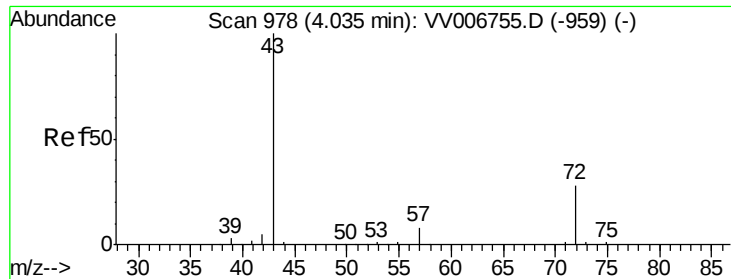


Abundance Ion 84.05 (83.75 to 84.75): VV006755.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV006755.D (-499) (-)

Ion 49.10 (48.80 to 49.80): VV006755.D (-499) (-)





#21

2-Butanone

Concen: 0.396 ug/L

RT: 4.04 min Scan# 981

Delta R.T. 0.00 min

Lab File: VV006766.D

Acq: 30 Jul 2018 16:55

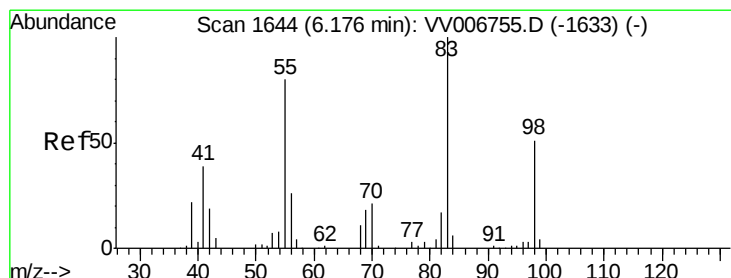
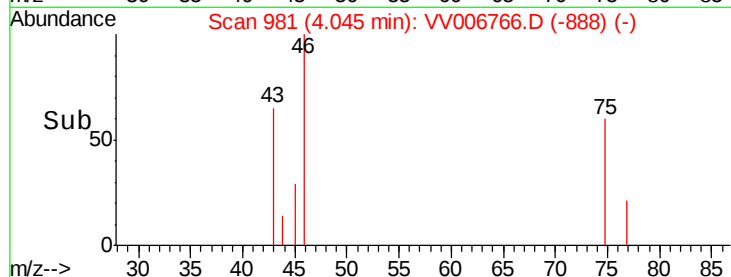
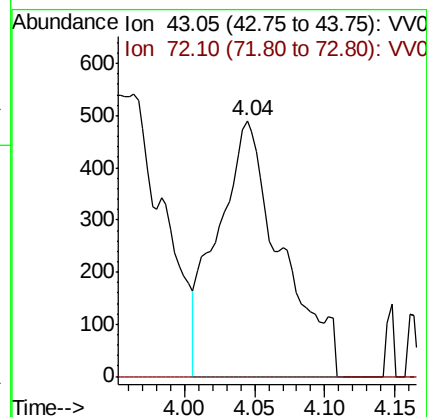
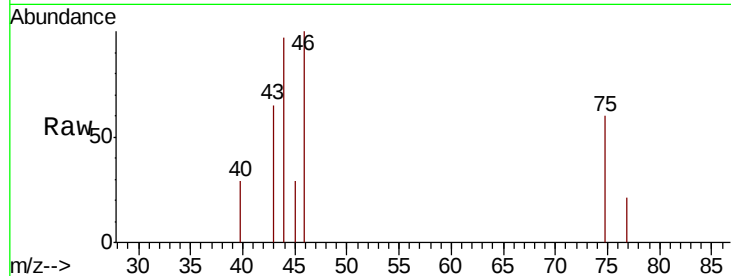
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1542

Ion Ratio Lower Upper

43 100

72 0.0 13.8 41.4#



#35

Methylcyclohexane

Concen: 0.680 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006766.D

Acq: 30 Jul 2018 16:55

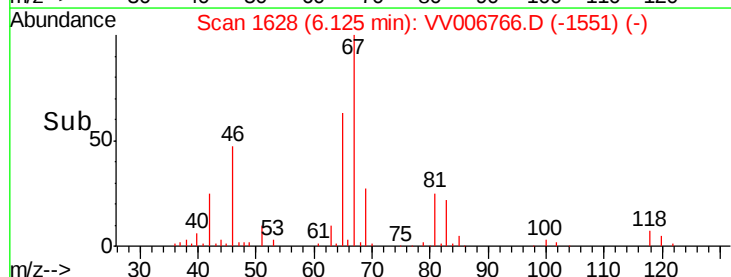
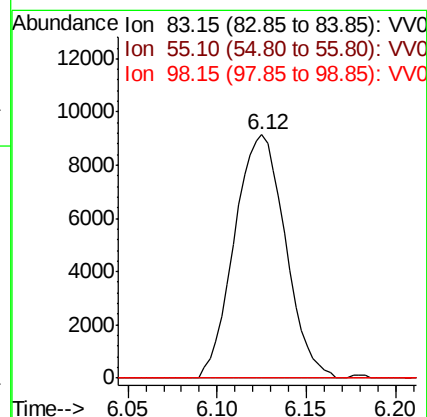
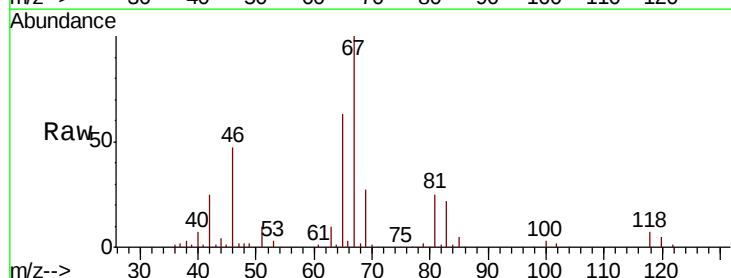
Tgt Ion: 83 Resp: 18198

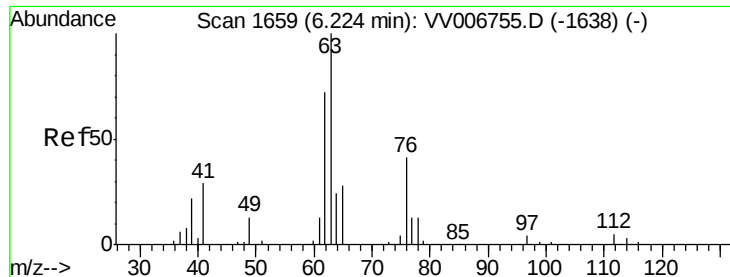
Ion Ratio Lower Upper

83 100

55 0.0 61.9 92.9#

98 0.2 39.7 59.5#

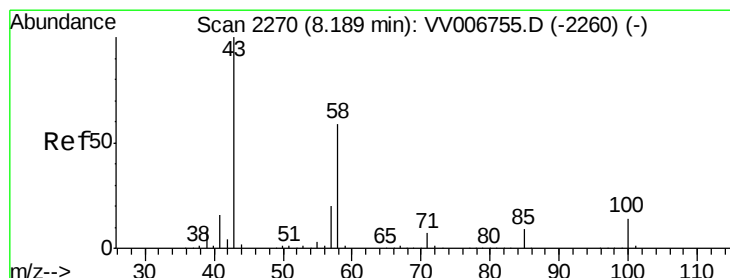
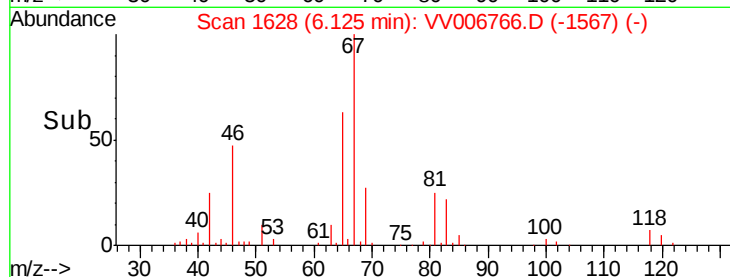
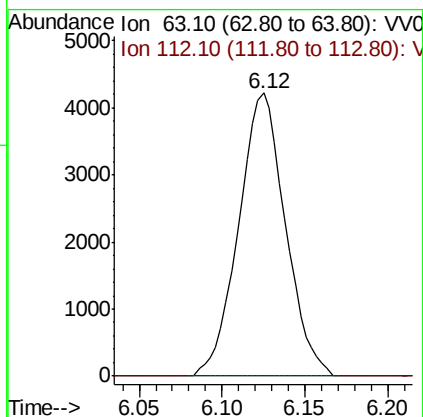
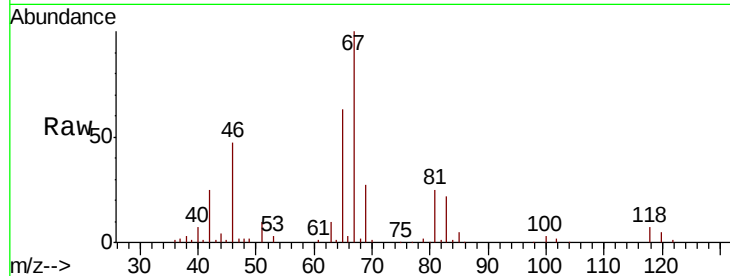




#37
 1,2-Dichloropropane
 Concen: 0.507 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV006766.D
 Acq: 30 Jul 2018 16:55

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion: 63 Resp: 8267
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.8 5.6#



#48
 2-Hexanone
 Concen: 0.519 ug/L
 RT: 8.19 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VV006766.D
 Acq: 30 Jul 2018 16:55

Tgt Ion: 43 Resp: 3243
 Ion Ratio Lower Upper
 43 100
 58 53.7 47.2 70.8
 57 12.0 16.1 24.1#
 100 5.2 11.1 16.7#

