

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006760.D
 Acq On : 30 Jul 2018 13:57
 Operator : SY/MD
 Sample : J4209-06 10X
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 17:00:24 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	208812	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	193347	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	85603	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	57085	5.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.00%
7) Chloroethane-d5	1.55	69	16147	1.89	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	37.80%#
11) 1,1-Dichloroethene-d2	2.12	63	79824	3.74	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	3.95	46	172668	50.85	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.70%
24) Chloroform-d	4.40	84	109627	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.09	65	57242	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.10	84	226661	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.12	67	74999	5.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.80%
41) Toluene-d8	7.36	98	188240	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.40%
43) trans-1,3-Dichloropropene-	7.67	79	23145	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.14	63	140983	50.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.64%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	59251	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	73496	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

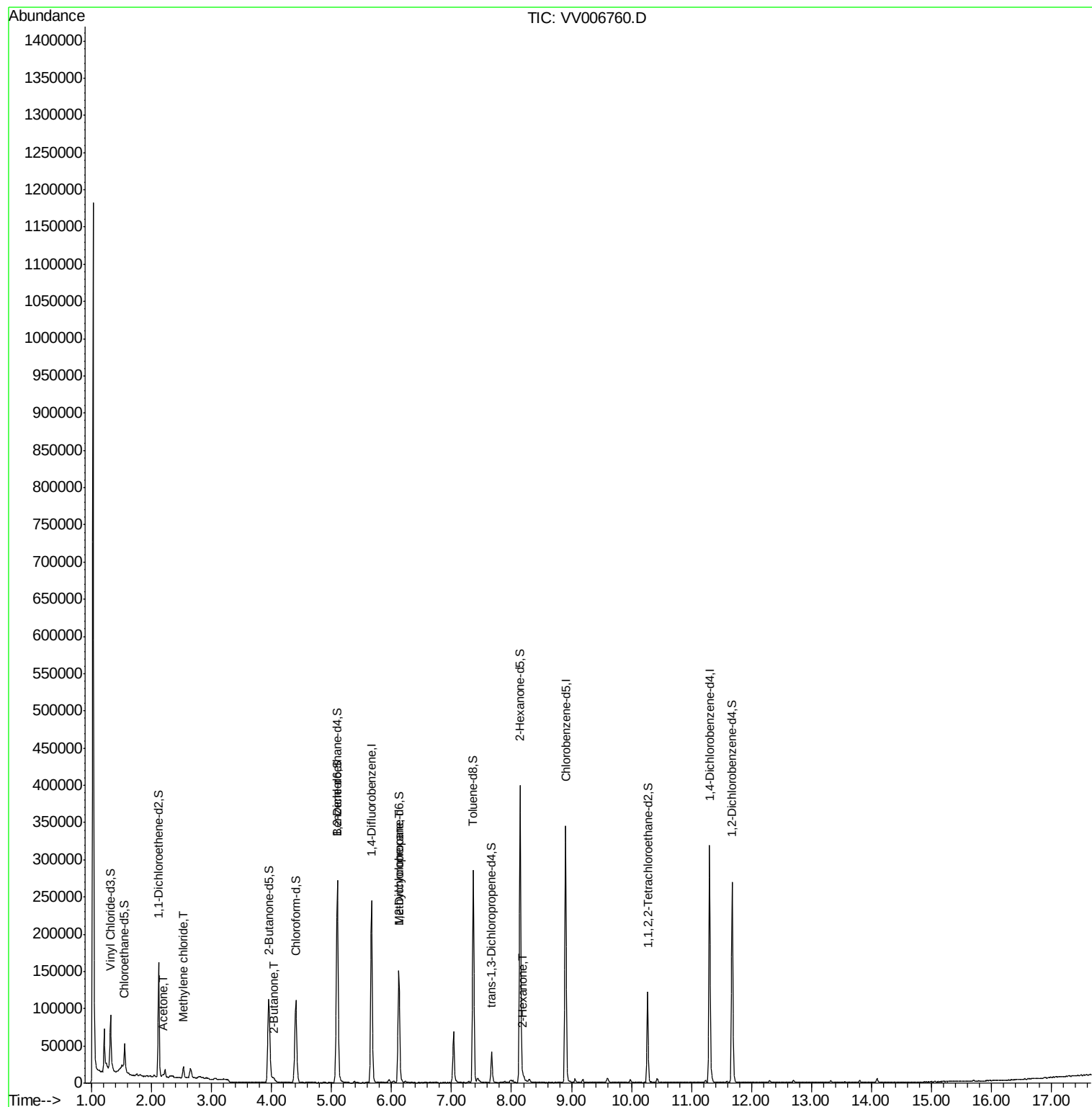
					Ovalue
13) Acetone	2.20	43	2425	1.122 ug/L	99
16) Methylene chloride	2.53	84	5879	0.375 ug/L	89
21) 2-Butanone	4.04	43	1739	0.481 ug/L #	65
35) Methylcyclohexane	6.12	83	17426	0.711 ug/L #	18
48) 2-Hexanone	8.20	43	4066	0.710 ug/L #	84

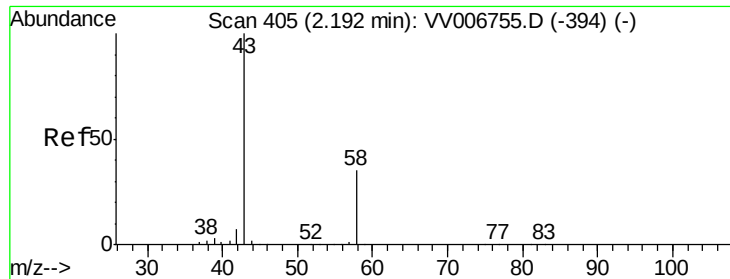
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#13

Acetone

Concen: 1.122 ug/L

RT: 2.20 min Scan# 406

Delta R.T. -0.01 min

Lab File: VV006760.D

Acq: 30 Jul 2018 13:57

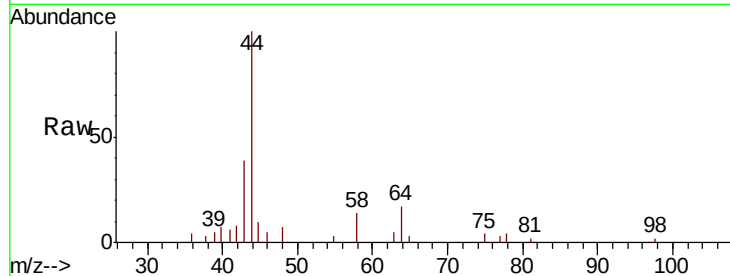
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 2425

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) (-)

2000

1500

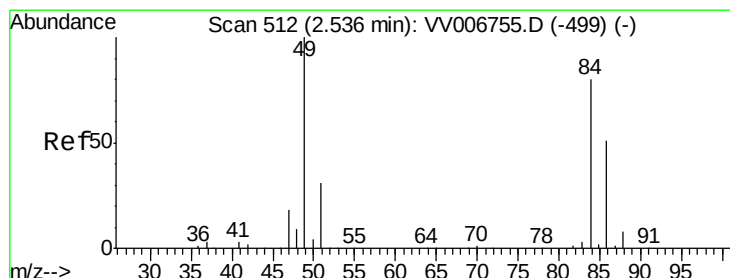
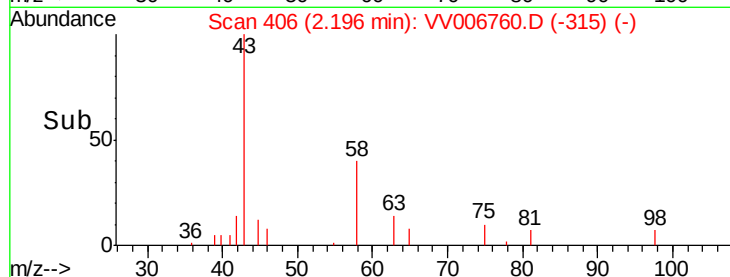
1000

500

0

2.15 2.20 2.25

Time-->



#16

Methylene chloride

Concen: 0.375 ug/L

RT: 2.53 min Scan# 511

Delta R.T. -0.00 min

Lab File: VV006760.D

Acq: 30 Jul 2018 13:57

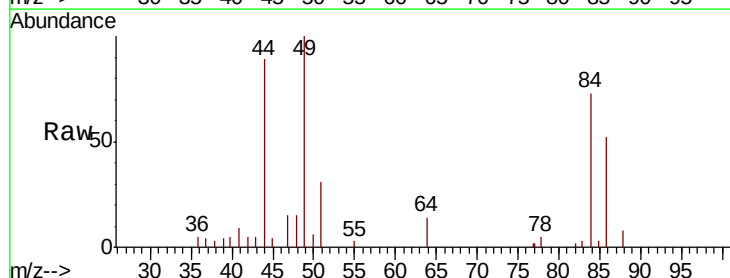
Tgt Ion: 84 Resp: 5879

Ion Ratio Lower Upper

84 100

86 70.8 44.7 83.1

49 137.3 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) (-)

6000

5000

4000

3000

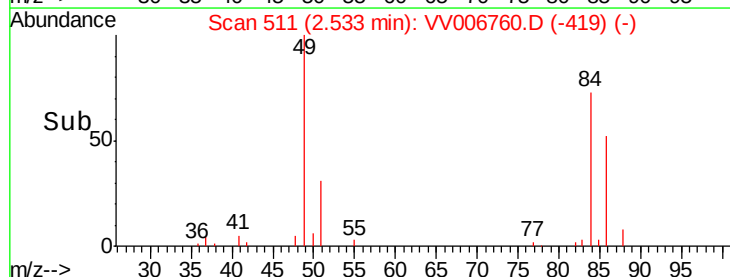
2000

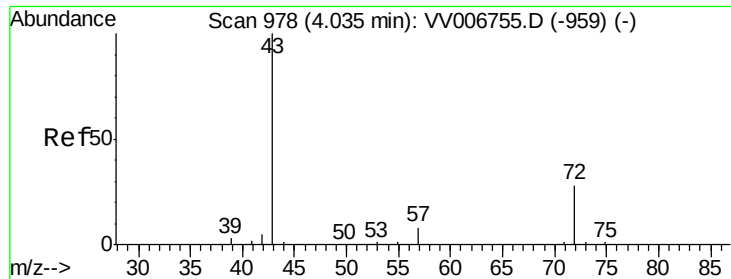
1000

0

2.50 2.53 2.60

Time-->





#21

2-Butanone

Concen: 0.481 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.00 min

Lab File: VV006760.D

Acq: 30 Jul 2018 13:57

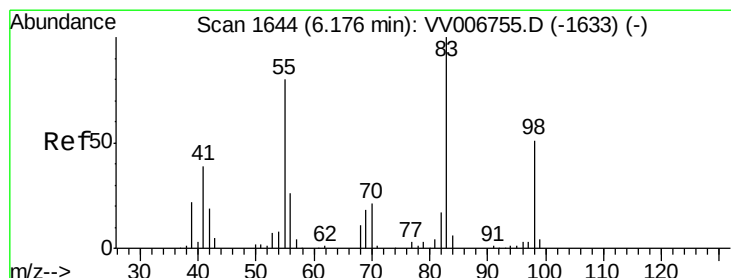
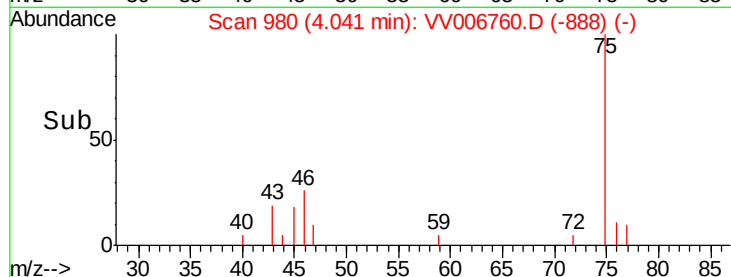
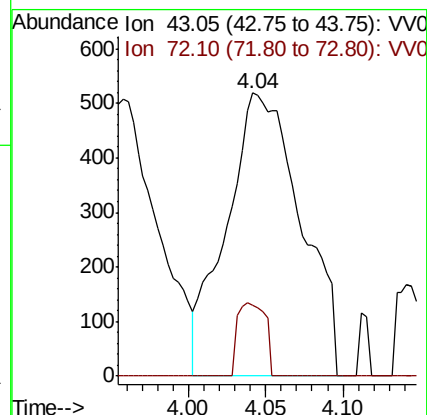
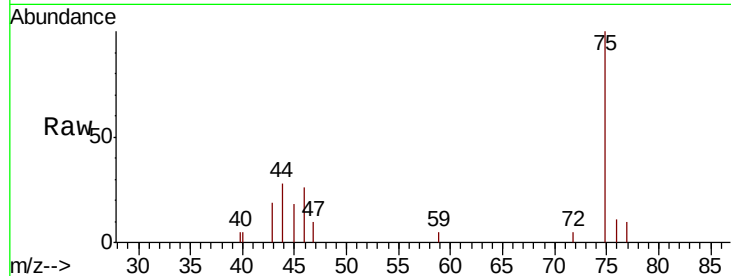
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 1739

Ion Ratio Lower Upper

43 100

72 9.4 13.8 41.4#



#35

Methylcyclohexane

Concen: 0.711 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006760.D

Acq: 30 Jul 2018 13:57

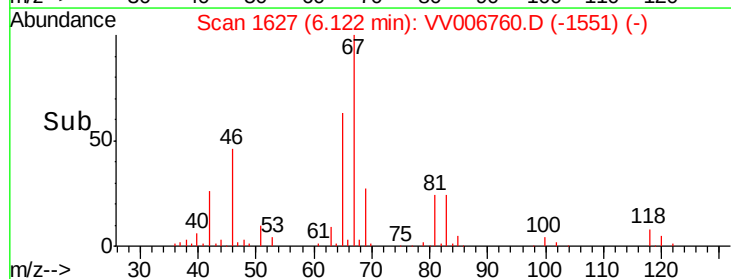
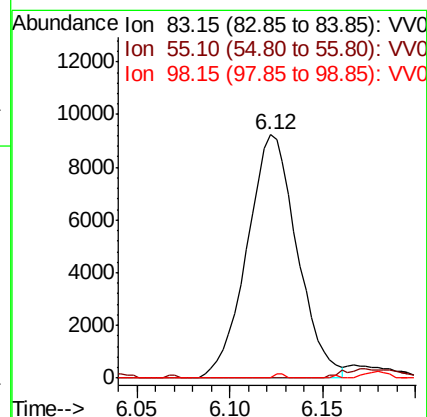
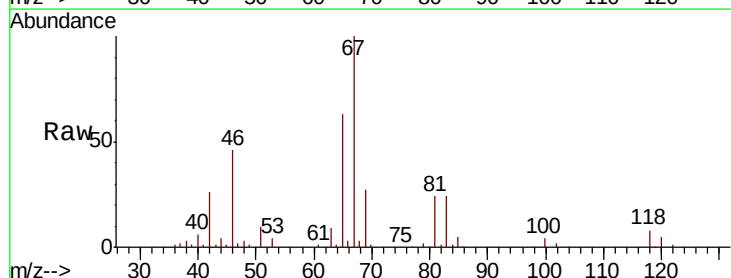
Tgt Ion: 83 Resp: 17426

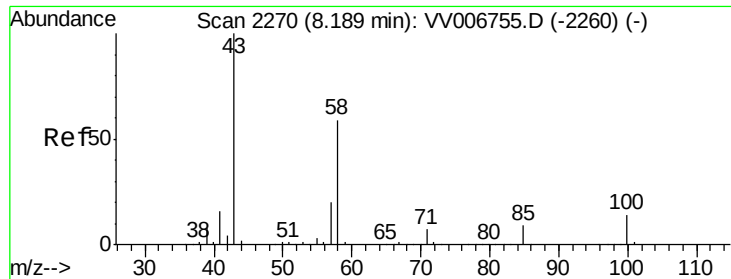
Ion Ratio Lower Upper

83 100

55 0.3 61.9 92.9#

98 0.4 39.7 59.5#





#48
 2-Hexanone
 Concen: 0.710 ug/L
 RT: 8.20 min Scan# 2272
 Delta R.T. 0.00 min
 Lab File: VV006760.D
 Acq: 30 Jul 2018 13:57

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	4066
Ion	Ratio	Lower	Upper
43	100		
58	46.1	47.2	70.8#
57	12.2	16.1	24.1#
100	10.5	11.1	16.7#

