

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006764.D
 Acq On : 30 Jul 2018 15:56
 Operator : SY/MD
 Sample : J4209-06
 Misc : 26 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 17:00:51 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	256602	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242786	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	97006	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63108	4.73	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.60%
7) Chloroethane-d5	1.58	69	52996	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.00%
11) 1,1-Dichloroethene-d2	2.13	63	87323	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	3.95	46	177709	42.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.18%
24) Chloroform-d	4.40	84	118949	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
26) 1,2-Dichloroethane-d4	5.09	65	61830	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	241193	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
36) 1,2-Dichloropropane-d6	6.12	67	80592	4.78	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.60%
41) Toluene-d8	7.36	98	199417	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	7.67	79	23936	4.35	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.00%
46) 2-Hexanone-d5	8.14	63	137380	39.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.88%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	58705	4.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	74288	5.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.80%

Target Compounds

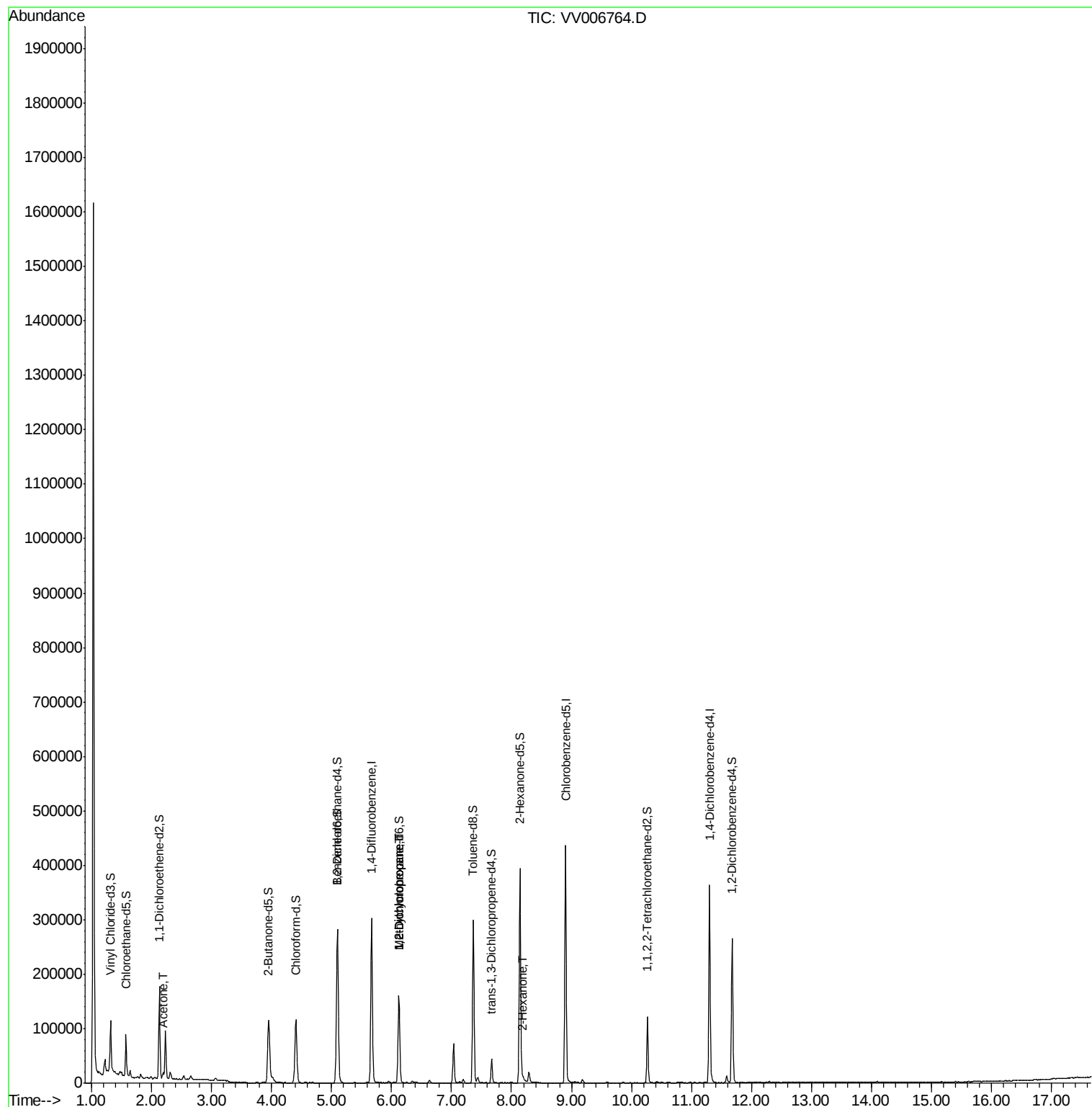
					Ovalue
13) Acetone	2.19	43	10354	3.900 ug/L	96
35) Methylcyclohexane	6.12	83	18723	0.608 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	8013	0.428 ug/L #	86
48) 2-Hexanone	8.19	43	2541	0.354 ug/L #	80

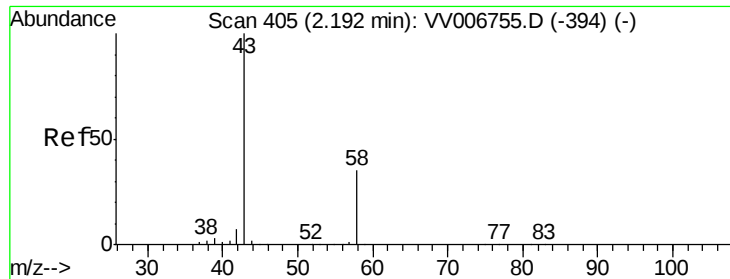
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.900 ug/L

RT: 2.19 min Scan# 405

Delta R.T. -0.01 min

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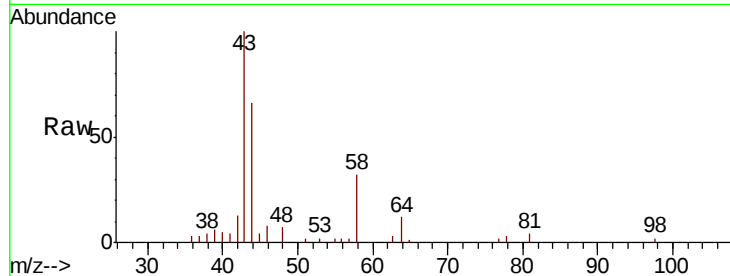
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 10354

Ion Ratio Lower Upper

43 100

58 33.3 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) (-)

2.19

8000

6000

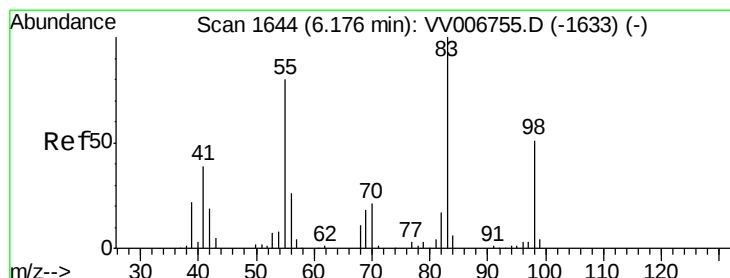
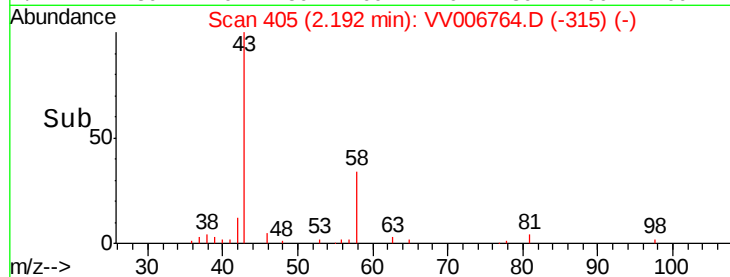
4000

2000

0

Time-->

2.15 2.20 2.25



#35

Methylcyclohexane

Concen: 0.608 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.05 min

Lab File: VV006764.D

Acq: 30 Jul 2018 15:56

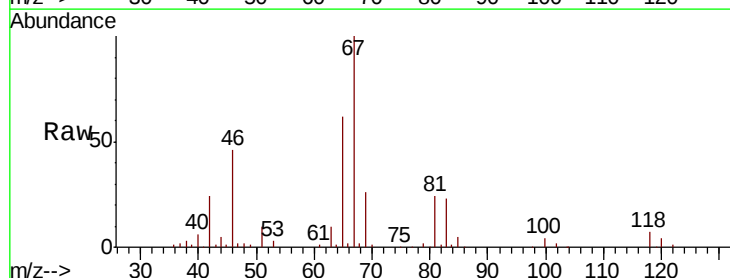
Tgt Ion: 83 Resp: 18723

Ion Ratio Lower Upper

83 100

55 2.1 61.9 92.9#

98 0.1 39.7 59.5#



Abundance Ion 83.15 (82.85 to 83.85): VV006755.D (-1633) (-)

Ion 55.10 (54.80 to 55.80): VV006755.D (-1633) (-)

Ion 98.15 (97.85 to 98.85): VV006755.D (-1633) (-)

6.12

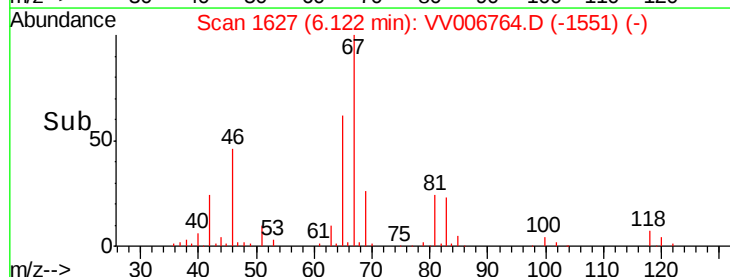
10000

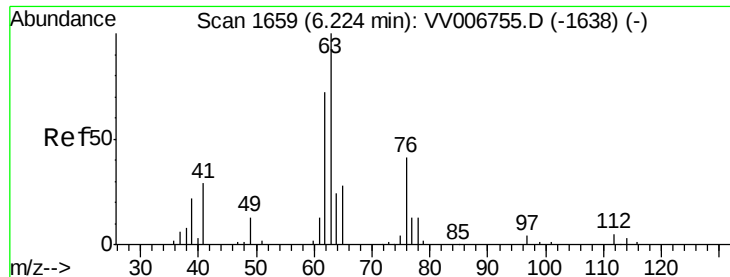
5000

0

Time-->

6.05 6.10 6.15 6.20





#37

1,2-Dichloropropane

Concen: 0.428 ug/L

RT: 6.12 min Scan# 1627

Delta R.T. -0.11 min

Lab File: VV006764.D

Acq: 30 Jul 2018 15:56

Instrument :

MSVOA_V

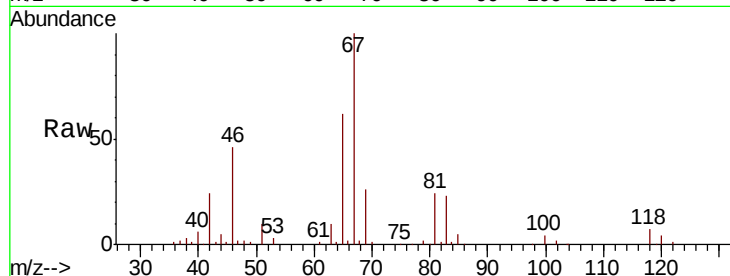
ClientSampleId :

Tot Ion: 63 Resp: 8013

Ion Ratio Lower Upper

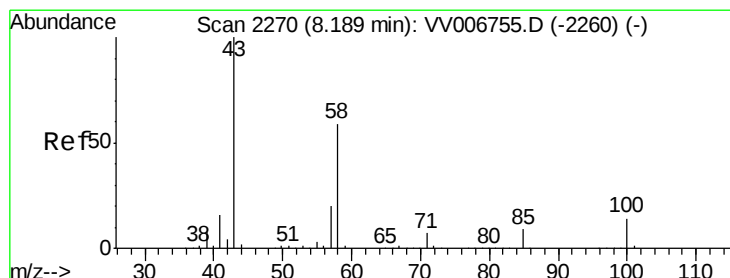
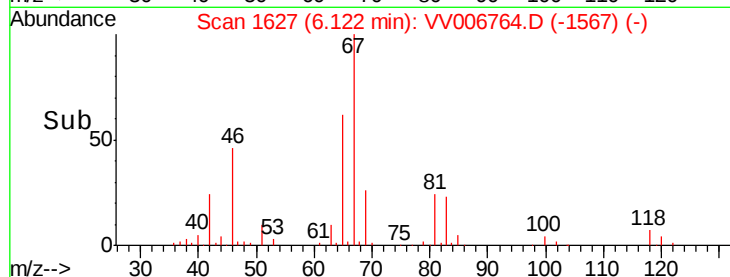
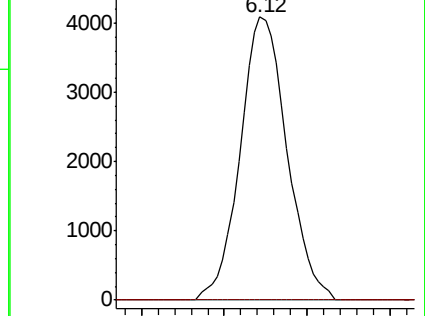
63 100

112 0.0 3.8 5.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 0.354 ug/L

RT: 8.19 min Scan# 2271

Delta R.T. -0.00 min

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Acq: 30 Jul 2018 15:56

Tgt Ion: 43 Resp: 2541

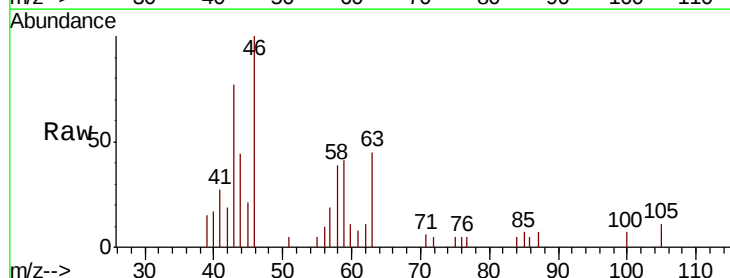
Ion Ratio Lower Upper

43 100

58 75.1 47.2 70.8#

57 28.8 16.1 24.1#

100 6.3 11.1 16.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

