

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV073018\
 Data File : VV006765.D
 Acq On : 30 Jul 2018 16:23
 Operator : SY/MD
 Sample : J4204-02
 Misc : 26 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 30 17:00:57 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	253386	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	235977	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	96604	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60551	4.59	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.80%
7) Chloroethane-d5	1.58	69	51273	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	82170	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	3.95	46	167397	40.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.26%
24) Chloroform-d	4.41	84	109697	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
26) 1,2-Dichloroethane-d4	5.09	65	59371	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.10	84	232713	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	77535	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.37	98	190892	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.67	79	23123	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	129281	38.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.38%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	56482	4.23	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	70316	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

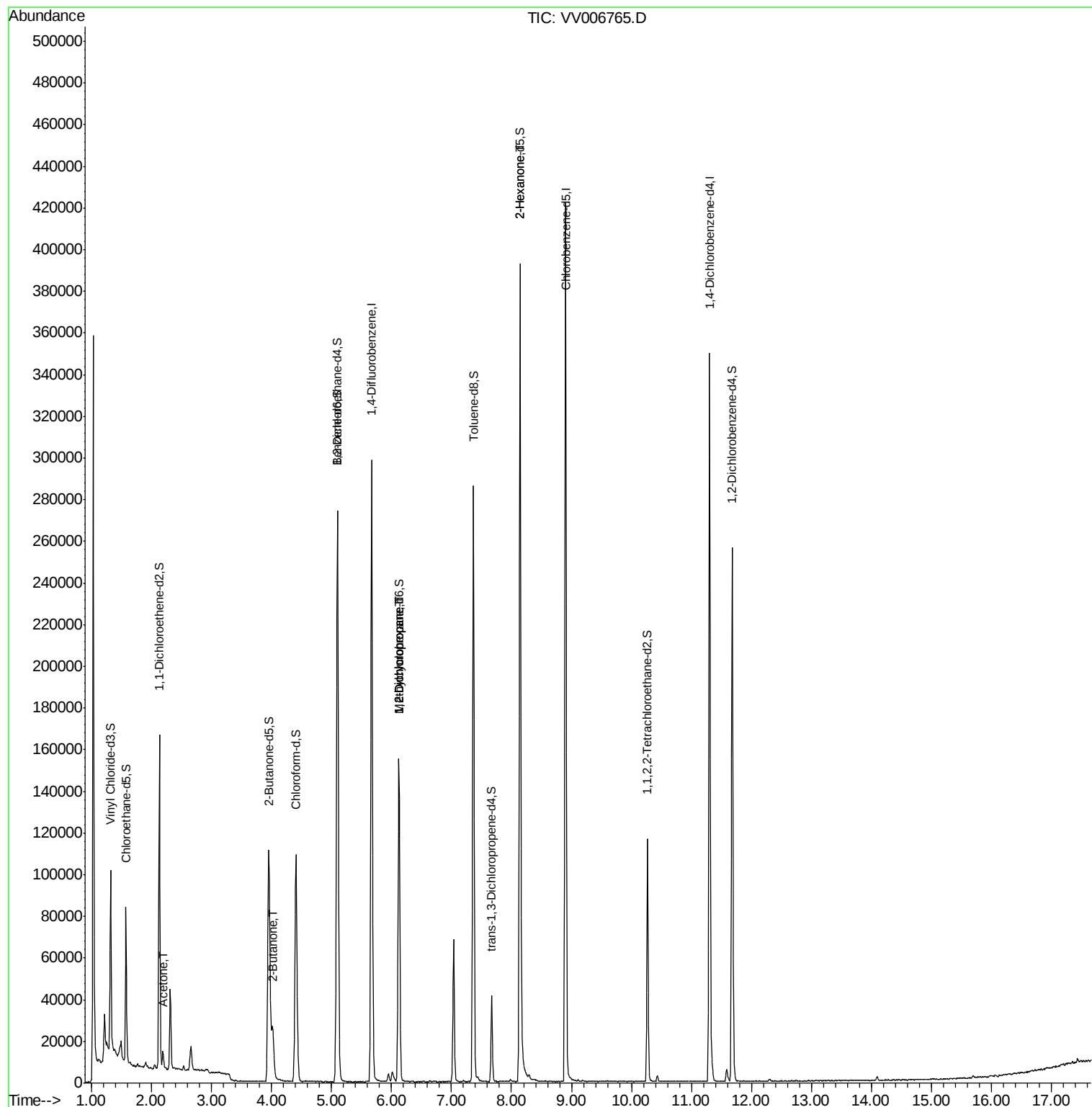
					Ovalue
13) Acetone	2.19	43	5826	2.222 ug/L	93
21) 2-Butanone	4.03	43	1424	0.324 ug/L #	63
35) Methylcyclohexane	6.12	83	17794	0.595 ug/L #	20
37) 1,2-Dichloropropane	6.12	63	7858	0.431 ug/L #	86
48) 2-Hexanone	8.14	43	15472	2.215 ug/L #	71

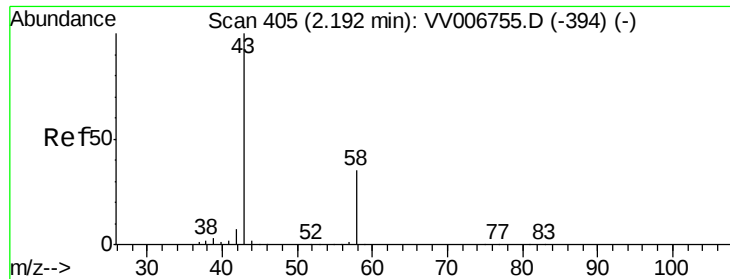
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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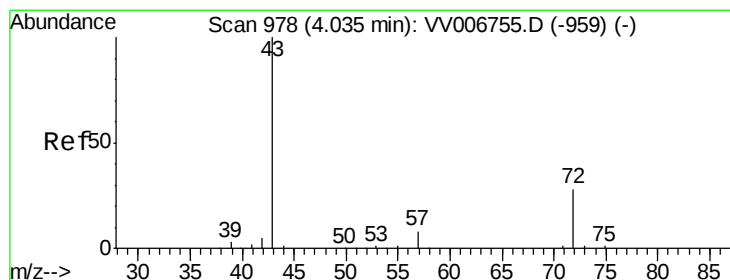
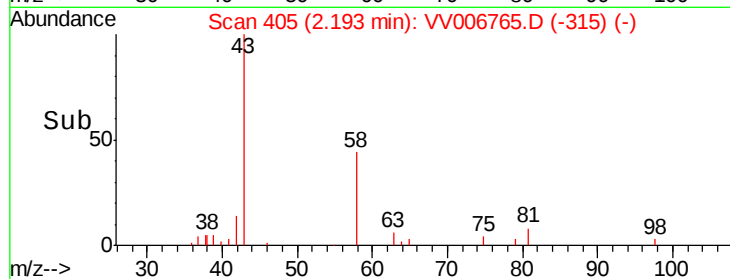
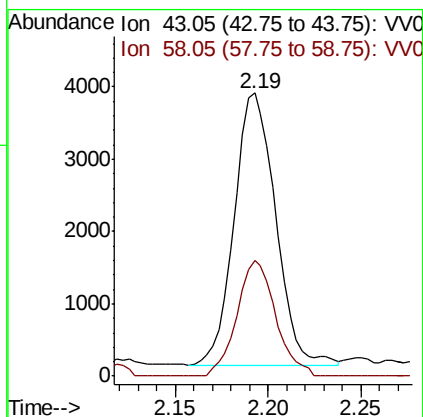
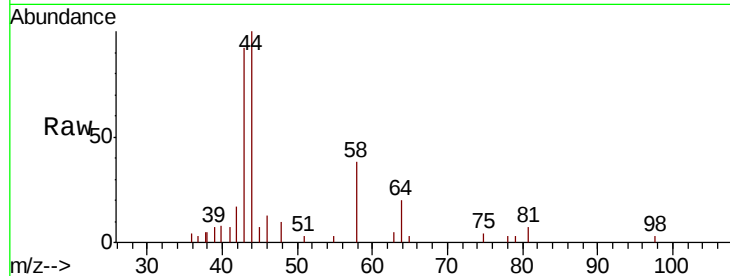




#13
Acetone
Concen: 2.222 ug/L
RT: 2.19 min Scan# 405
Delta R.T. -0.01 min
Lab File: VV006765.D
Acq: 30 Jul 2018 16:23

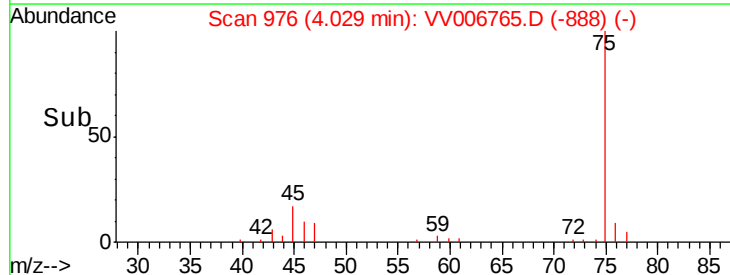
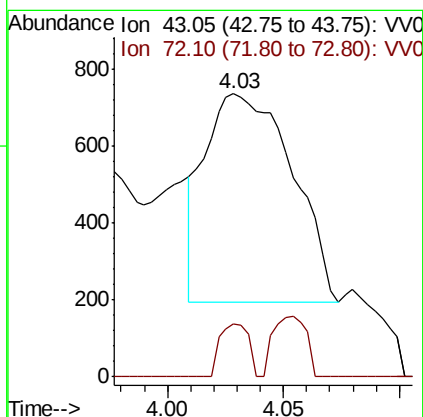
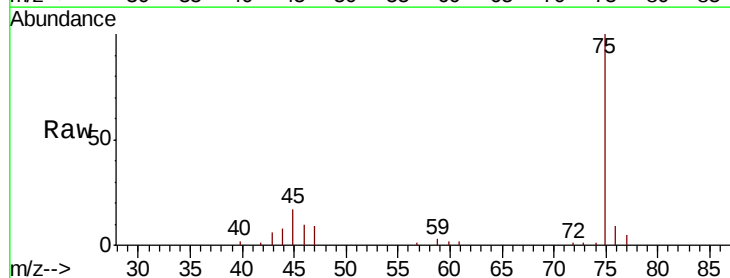
Instrument :
MSVOA_V
ClientSampleId :

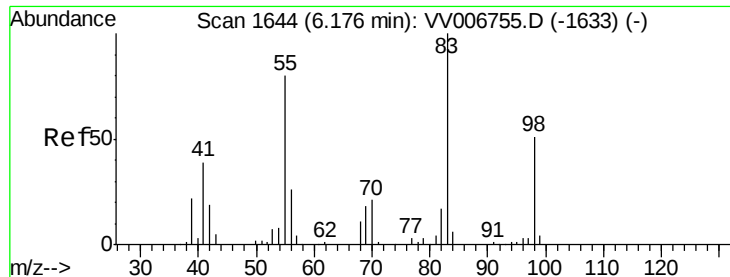
Tot Ion: 43 Resp: 5826
Ion Ratio Lower Upper
43 100
58 39.8 0.0 71.4



#21
2-Butanone
Concen: 0.324 ug/L
RT: 4.03 min Scan# 976
Delta R.T. -0.02 min
Lab File: VV006765.D
Acq: 30 Jul 2018 16:23

Tgt Ion: 43 Resp: 1424
Ion Ratio Lower Upper
43 100
72 8.3 13.8 41.4#





#35

Methylcyclohexane

Concen: 0.595 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV006765.D

Acq: 30 Jul 2018 16:23

Instrument :
MSVOA_V
ClientSampleId :

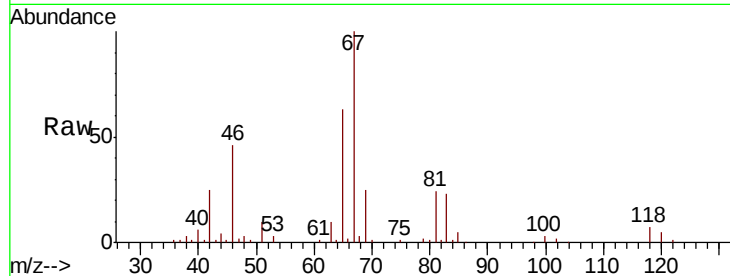
Tot Ion: 83 Resp: 17794

Ion Ratio Lower Upper

83 100

55 3.8 61.9 92.9#

98 0.0 39.7 59.5#



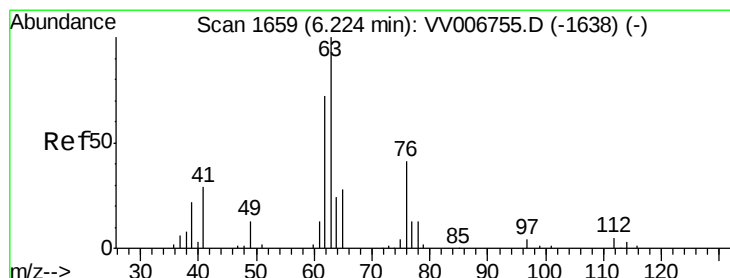
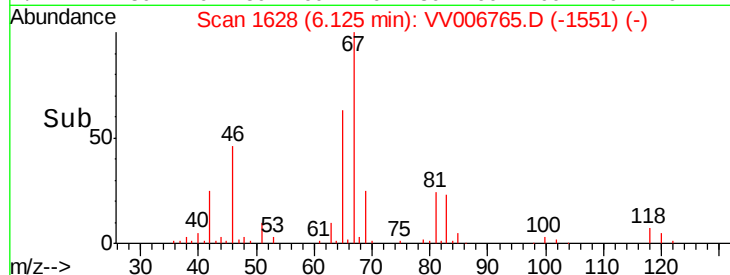
Abundance Ion 83.15 (82.85 to 83.85): VV006755.D (-1633) (-)

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

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

6.12

Time-->



#37

1,2-Dichloropropane

Concen: 0.431 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.10 min

Lab File: VV006765.D

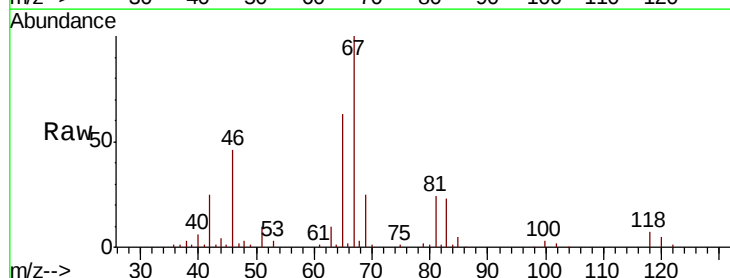
Acq: 30 Jul 2018 16:23

Tgt Ion: 63 Resp: 7858

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#

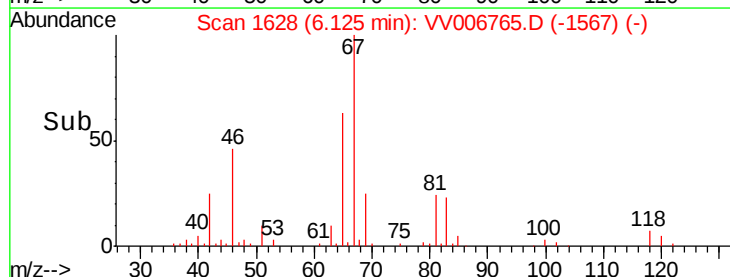


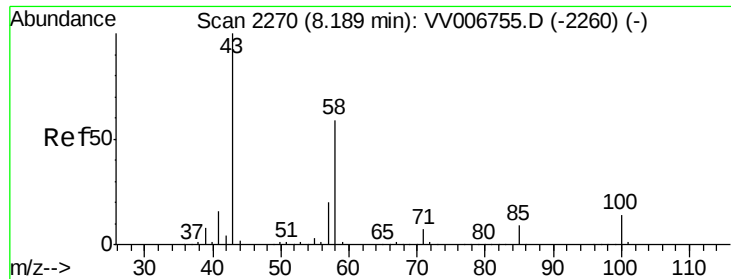
Abundance Ion 63.10 (62.80 to 63.80): VV006755.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VV006755.D (-1638) (-)

6.12

Time-->

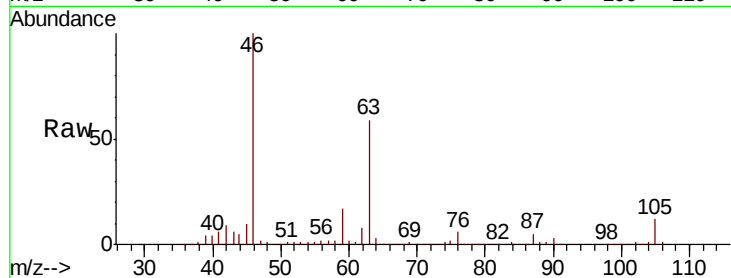




#48
 2-Hexanone
 Concen: 2.215 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006765.D
 Acq: 30 Jul 2018 16:23

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	15472
Ion	Ratio	Lower	Upper
43	100		
58	37.9	47.2	70.8#
57	35.6	16.1	24.1#
100	2.9	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

