

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV072618\
 Data File : VV006709.D
 Acq On : 26 Jul 2018 17:29
 Operator : SY/MD
 Sample : J4148-03
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SW8

Quant Time: Jul 27 00:53:04 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072318WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 27 00:52:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	240733	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	225825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	93501	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92156	7.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	147.20%#
7) Chloroethane-d5	1.58	69	64671	6.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	131.40%#
11) 1,1-Dichloroethene-d2	2.13	63	122277	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.97	46	206472	52.74	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.48%
24) Chloroform-d	4.41	84	145242	6.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	123.60%
26) 1,2-Dichloroethane-d4	5.09	65	73346	6.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	128.00%
32) Benzene-d6	5.10	84	313927	6.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	135.20%#
36) 1,2-Dichloropropane-d6	6.12	67	98488	6.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	125.60%
41) Toluene-d8	7.37	98	272358	6.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	134.20%#
43) trans-1,3-Dichloropropene-	7.67	79	30901	6.04	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	120.80%
46) 2-Hexanone-d5	8.14	63	164446	50.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.52%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	67931	5.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	95294	6.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	136.80%#

Target Compounds

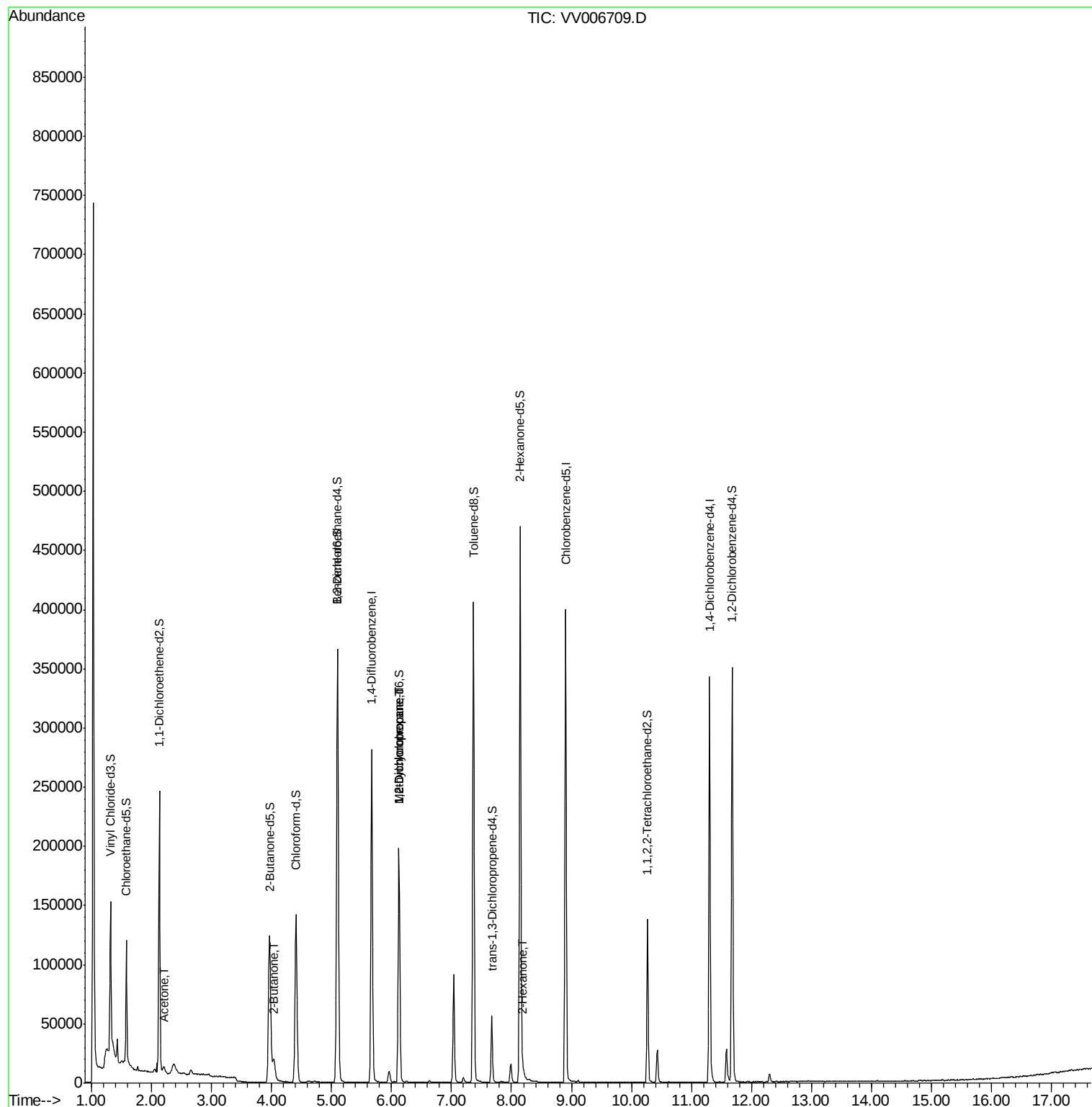
					Qvalue
13) Acetone	2.21	43	5007	2.010 ug/L	98
21) 2-Butanone	4.05	43	1066	0.256 ug/L #	55
35) Methylcyclohexane	6.12	83	22669	0.792 ug/L #	18
37) 1,2-Dichloropropane	6.12	63	9975	0.572 ug/L #	86
48) 2-Hexanone	8.19	43	3377	0.505 ug/L #	36

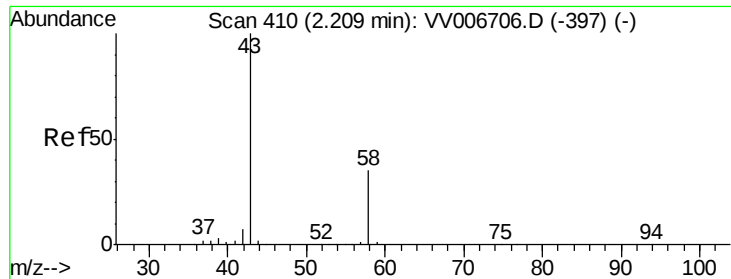
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.010 ug/L

RT: 2.21 min Scan# 410

Delta R.T. 0.00 min

Lab File: VV006709.D

Acq: 26 Jul 2018 17:29

Instrument :

MSVOA_V

ClientSampleId :

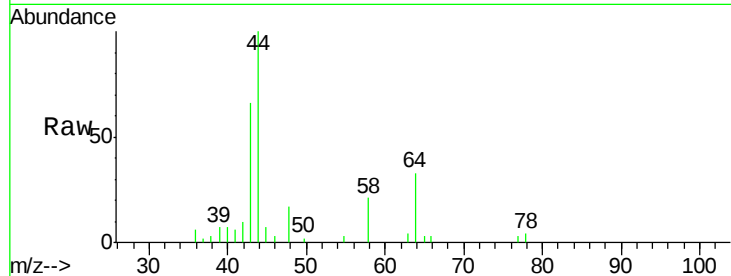
C0SW8

Tgt Ion: 43 Resp: 5007

Ion Ratio Lower Upper

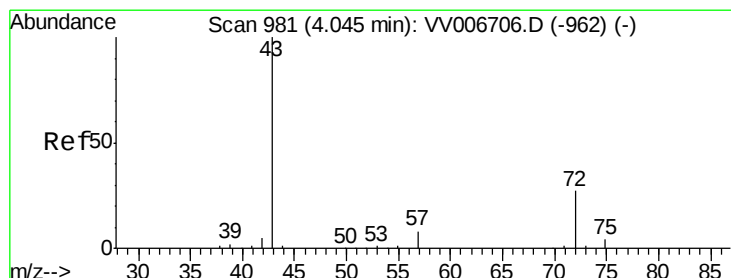
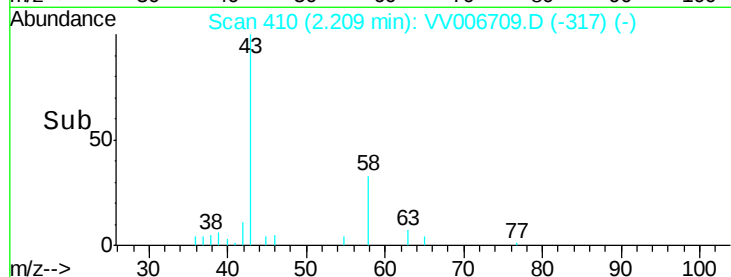
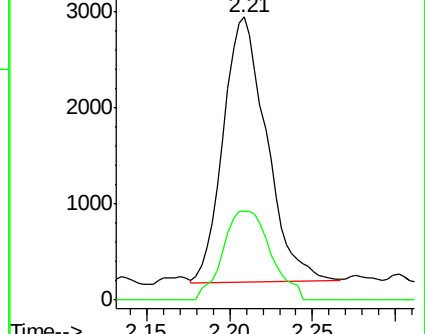
43 100

58 37.1 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 0.256 ug/L

RT: 4.05 min Scan# 982

Delta R.T. 0.00 min

Lab File: VV006709.D

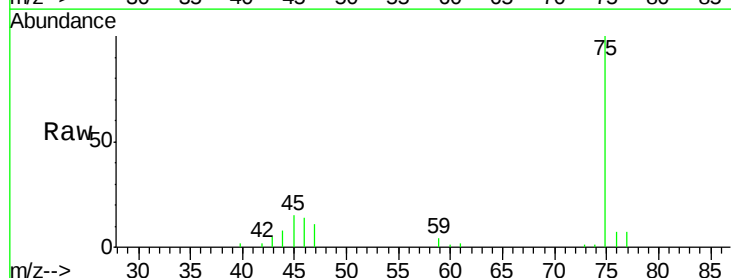
Acq: 26 Jul 2018 17:29

Tgt Ion: 43 Resp: 1066

Ion Ratio Lower Upper

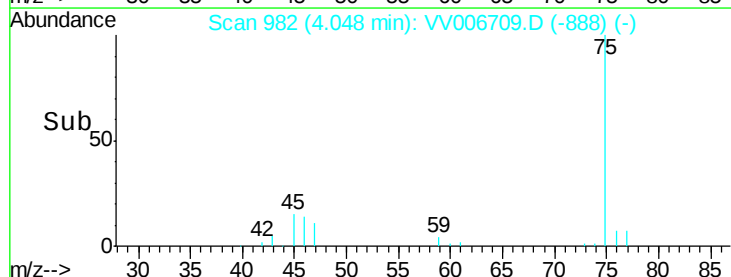
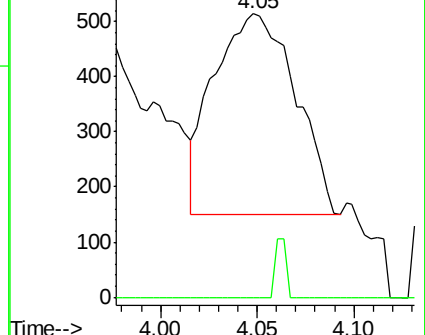
43 100

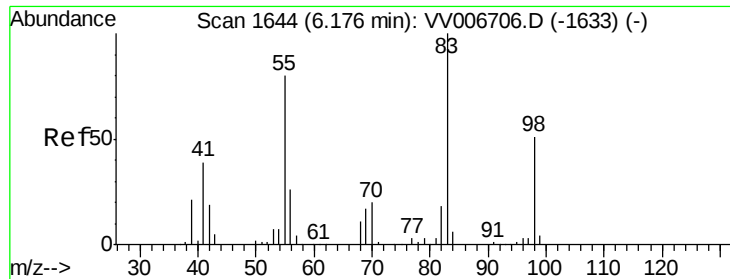
72 3.8 13.8 41.4#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0

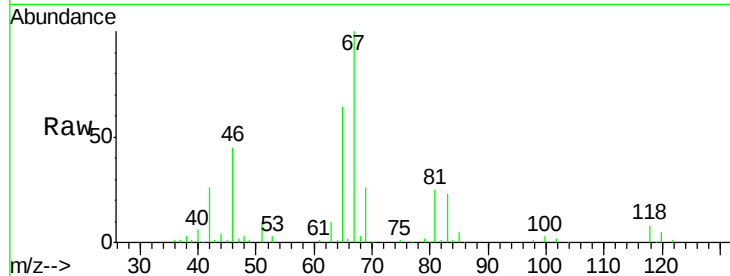




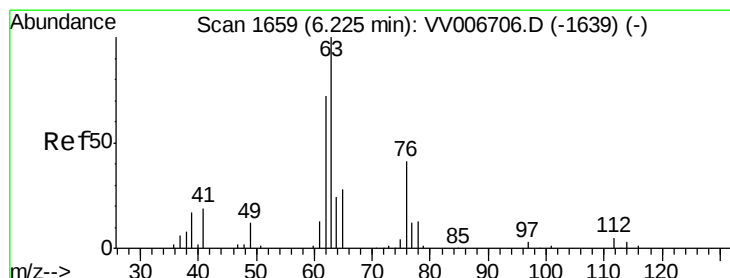
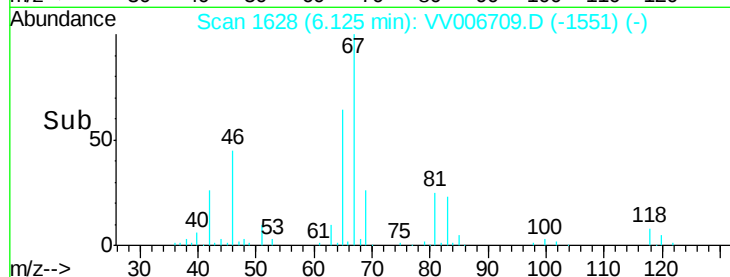
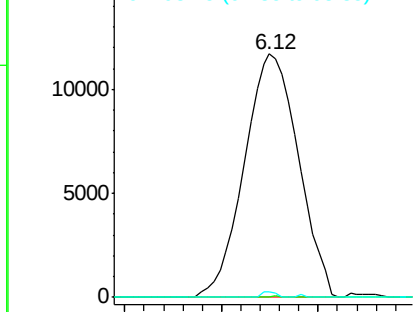
#35
Methylcyclohexane
Concen: 0.792 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.05 min
Lab File: VV006709.D
Acq: 26 Jul 2018 17:29

Instrument :
MSVOA_V
ClientSampleId :
C0SW8

Tgt Ion: 83 Resp: 22669
Ion Ratio Lower Upper
83 100
55 0.1 61.9 92.9#
98 0.6 39.7 59.5#

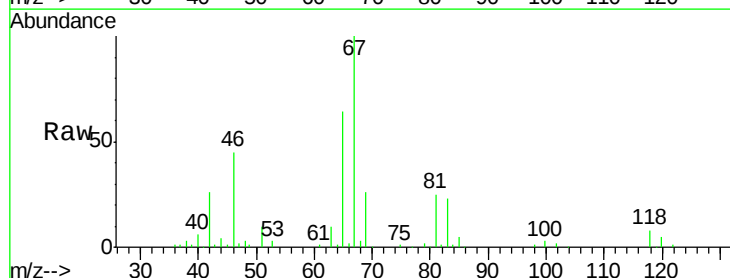


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

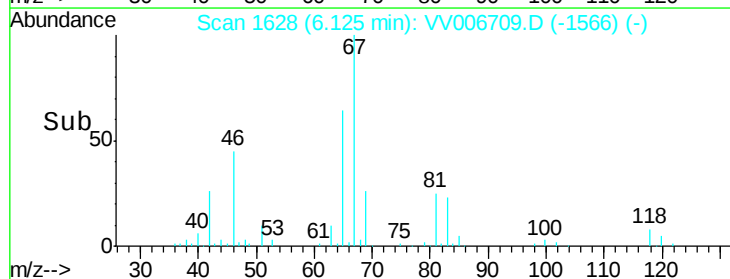
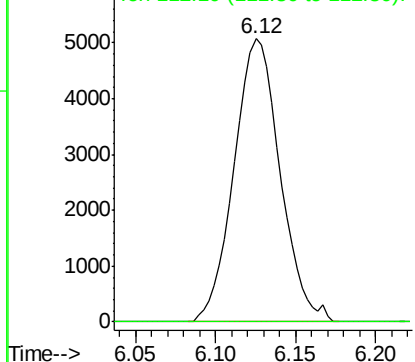


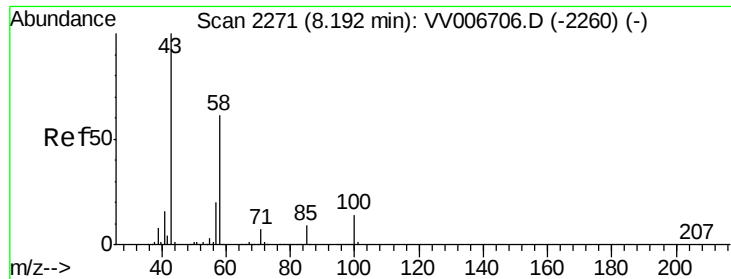
#37
1,2-Dichloropropane
Concen: 0.572 ug/L
RT: 6.12 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VV006709.D
Acq: 26 Jul 2018 17:29

Tgt Ion: 63 Resp: 9975
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: 0.505 ug/L
 RT: 8.19 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VV006709.D
 Acq: 26 Jul 2018 17:29

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SW8

Tgt Ion: 43 Resp: 3377
 Ion Ratio Lower Upper
 43 100
 58 0.0 47.2 70.8#
 57 0.0 16.1 24.1#
 100 1.3 11.1 16.7#

