

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV071018\
 Data File : VV006569.D
 Acq On : 10 Jul 2018 15:24
 Operator : SY/MD
 Sample : J3920-05
 Misc : 25 mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SW5

Quant Time: Jul 11 03:34:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 11 03:34:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	313829	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	284718	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	126690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	71032	4.16	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.20%
7) Chloroethane-d5	1.58	69	64071	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.00%
11) 1,1-Dichloroethene-d2	2.13	63	96028	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	3.96	46	205203	47.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.70%
24) Chloroform-d	4.41	84	147731	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
26) 1,2-Dichloroethane-d4	5.09	65	72885	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.11	84	303512	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
36) 1,2-Dichloropropane-d6	6.12	67	98195	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.37	98	259619	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.67	79	30313	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	179398	49.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.44%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	74854	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	107247	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

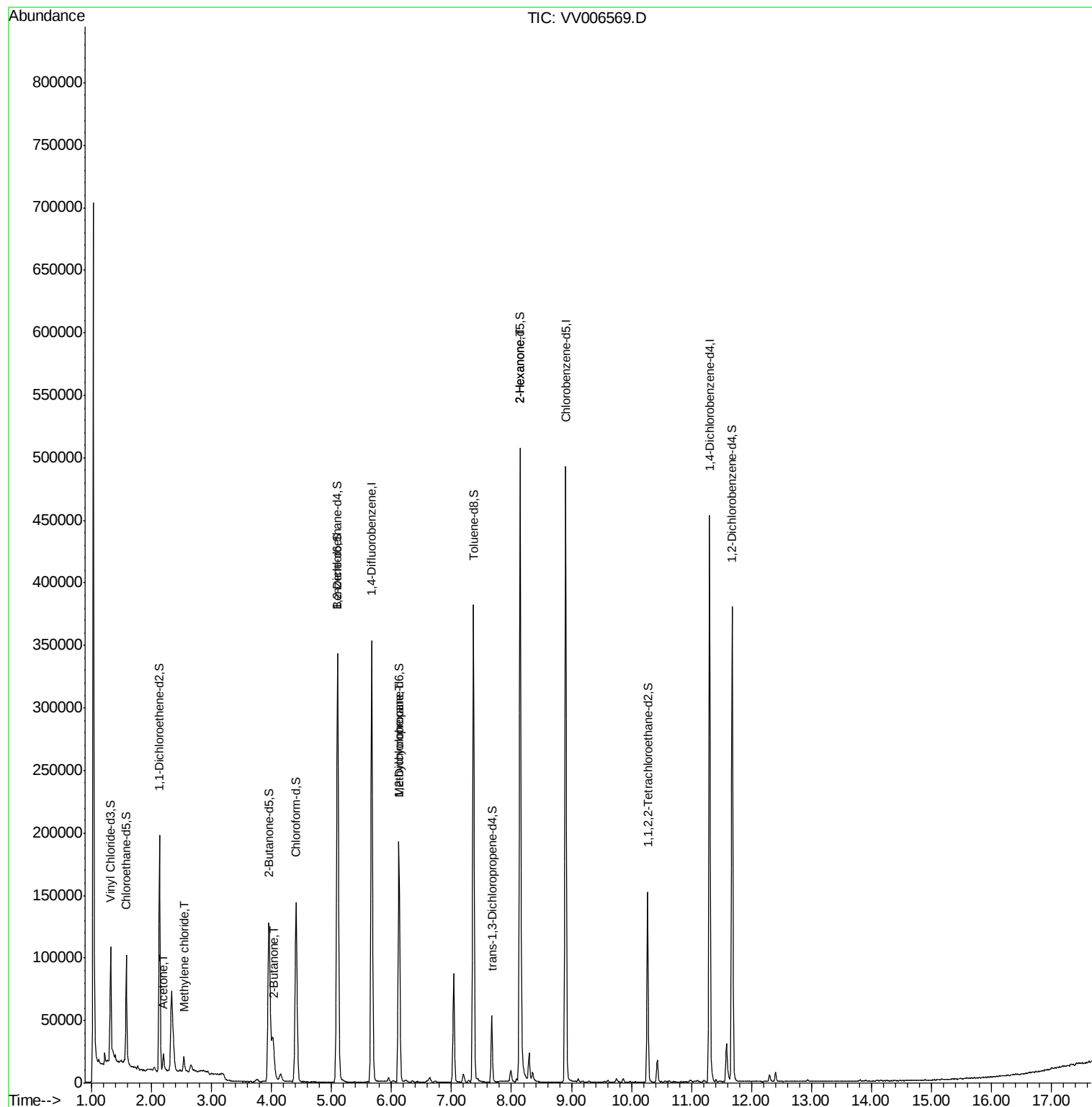
					Qvalue
13) Acetone	2.20	43	12746	4.650 ug/L	99
16) Methylene chloride	2.54	84	4898	0.221 ug/L	96
21) 2-Butanone	4.04	43	4145	0.922 ug/L #	71
35) Methylcyclohexane	6.13	83	23462	0.668 ug/L #	20
48) 2-Hexanone	8.14	43	19570	2.620 ug/L #	80

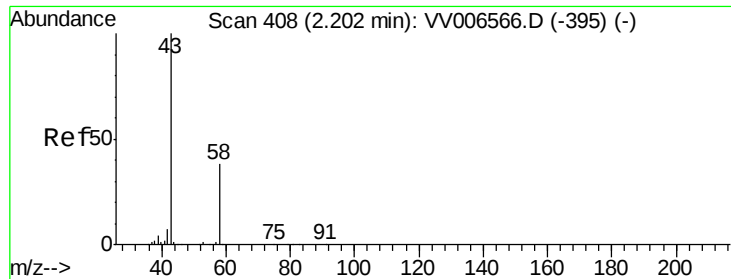
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 4.650 ug/L

RT: 2.20 min Scan# 407

Delta R.T. -0.00 min

Lab File: VV006569.D

Acq: 10 Jul 2018 15:24

Instrument :

MSVOA_V

ClientSampleId :

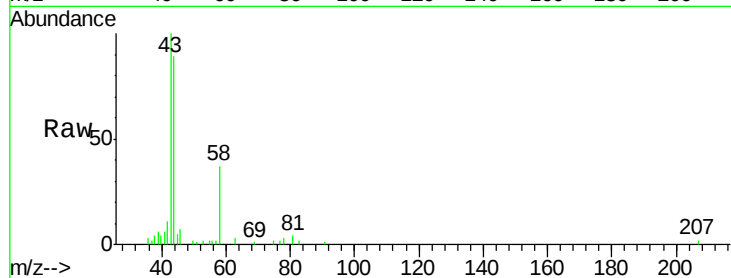
C0SW5

Tgt Ion: 43 Resp: 12746

Ion Ratio Lower Upper

43 100

58 37.2 0.0 76.2



Abundance Ion 43.05 (42.75 to 43.75): VV006566.D (-395) (-)

Ion 58.05 (57.75 to 58.75): VV006566.D (-395) (-)

8000

6000

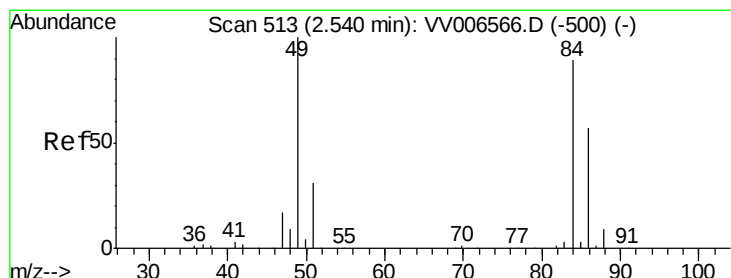
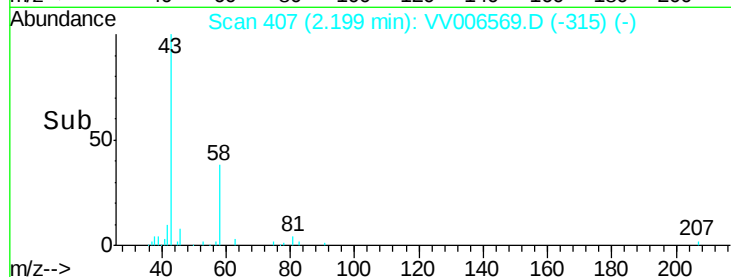
4000

2000

0

Time-->

2.10 2.20 2.30



#16

Methylene chloride

Concen: 0.221 ug/L

RT: 2.54 min Scan# 513

Delta R.T. -0.00 min

Lab File: VV006569.D

Acq: 10 Jul 2018 15:24

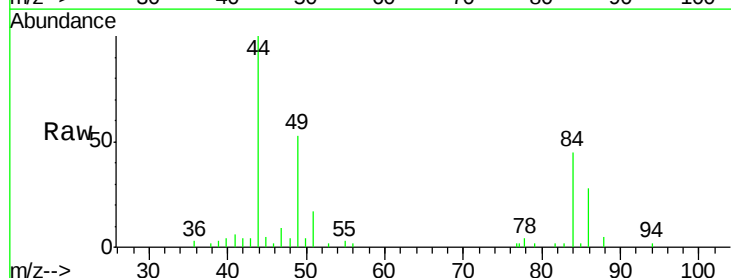
Tgt Ion: 84 Resp: 4898

Ion Ratio Lower Upper

84 100

86 62.2 44.7 82.9

49 117.8 78.7 146.1



Abundance Ion 84.05 (83.75 to 84.75): VV006566.D (-500) (-)

Ion 86.00 (85.70 to 86.70): VV006566.D (-500) (-)

Ion 49.10 (48.80 to 49.80): VV006566.D (-500) (-)

4000

3000

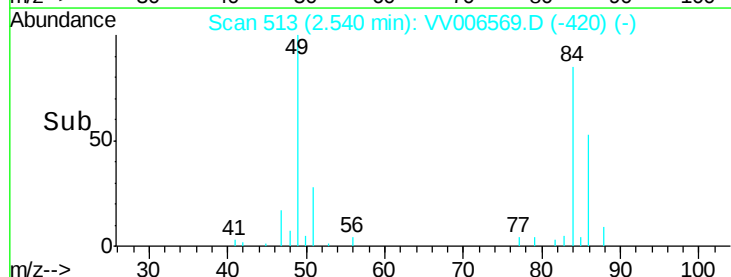
2000

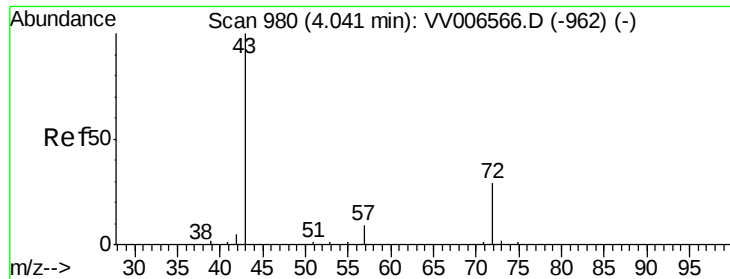
1000

0

Time-->

2.50 2.55 2.60





#21

2-Butanone

Concen: 0.922 ug/L

RT: 4.04 min Scan# 980

Delta R.T. -0.00 min

Lab File: VV006569.D

Acq: 10 Jul 2018 15:24

Instrument :

MSVOA_V

ClientSampleId :

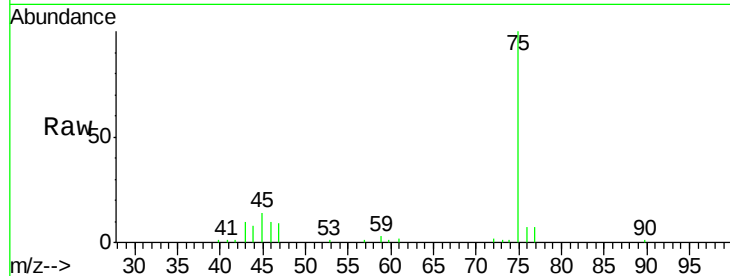
C0SW5

Tgt Ion: 43 Resp: 4145

Ion Ratio Lower Upper

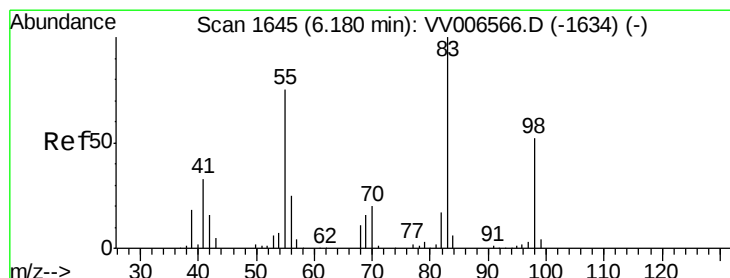
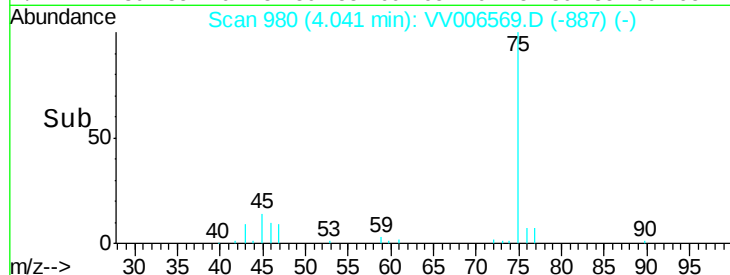
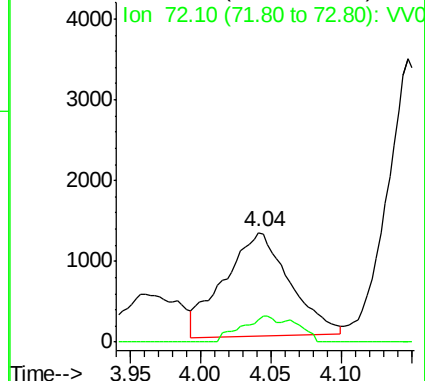
43 100

72 14.4 15.1 45.3#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0



#35

Methylcyclohexane

Concen: 0.668 ug/L

RT: 6.13 min Scan# 1629

Delta R.T. -0.05 min

Lab File: VV006569.D

Acq: 10 Jul 2018 15:24

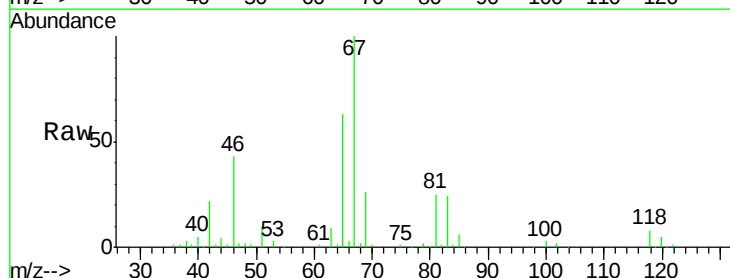
Tgt Ion: 83 Resp: 23462

Ion Ratio Lower Upper

83 100

55 0.2 58.3 87.5#

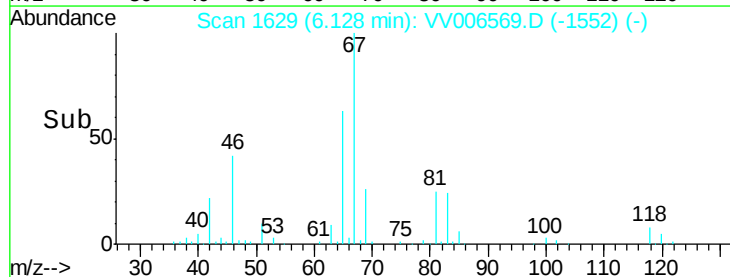
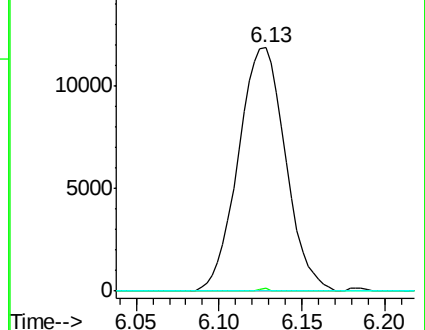
98 1.3 39.3 58.9#

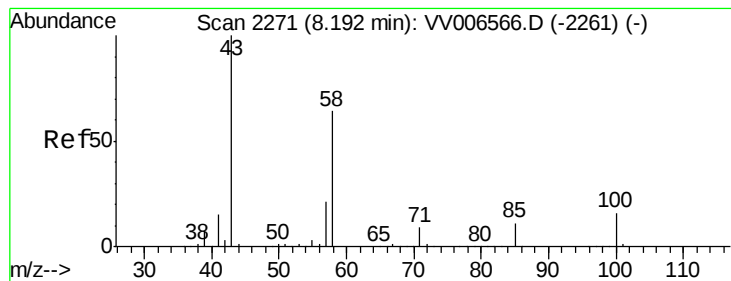


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#48
 2-Hexanone
 Concen: 2.620 ug/L
 RT: 8.14 min Scan# 2255
 Delta R.T. -0.05 min
 Lab File: VV006569.D
 Acq: 10 Jul 2018 15:24

Instrument :
 MSVOA_V
 ClientSampleId :
 C0SW5

Tgt Ion:	43	Resp:	19570
Ion	Ratio	Lower	Upper
43	100		
58	50.8	50.3	75.5
57	31.5	17.0	25.4#
100	0.8	12.3	18.5#

