

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082718\
 Data File : VV007217.D
 Acq On : 27 Aug 2018 18:07
 Operator : SY/MD
 Sample : J4624-17
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 28 01:42:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 28 01:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	330556	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	333132	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	132700	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	110931	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	93923	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.20%
11) 1,1-Dichloroethene-d2	2.13	63	150401	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.97	46	277275	51.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.24%
24) Chloroform-d	4.41	84	214272	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.09	65	109631	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
32) Benzene-d6	5.10	84	416388	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.12	67	137013	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	7.37	98	320151	3.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.00%
43) trans-1,3-Dichloropropene-	7.67	79	44914	4.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.60%
46) 2-Hexanone-d5	8.15	63	94157	29.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	59.56%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	104152	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	116808	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

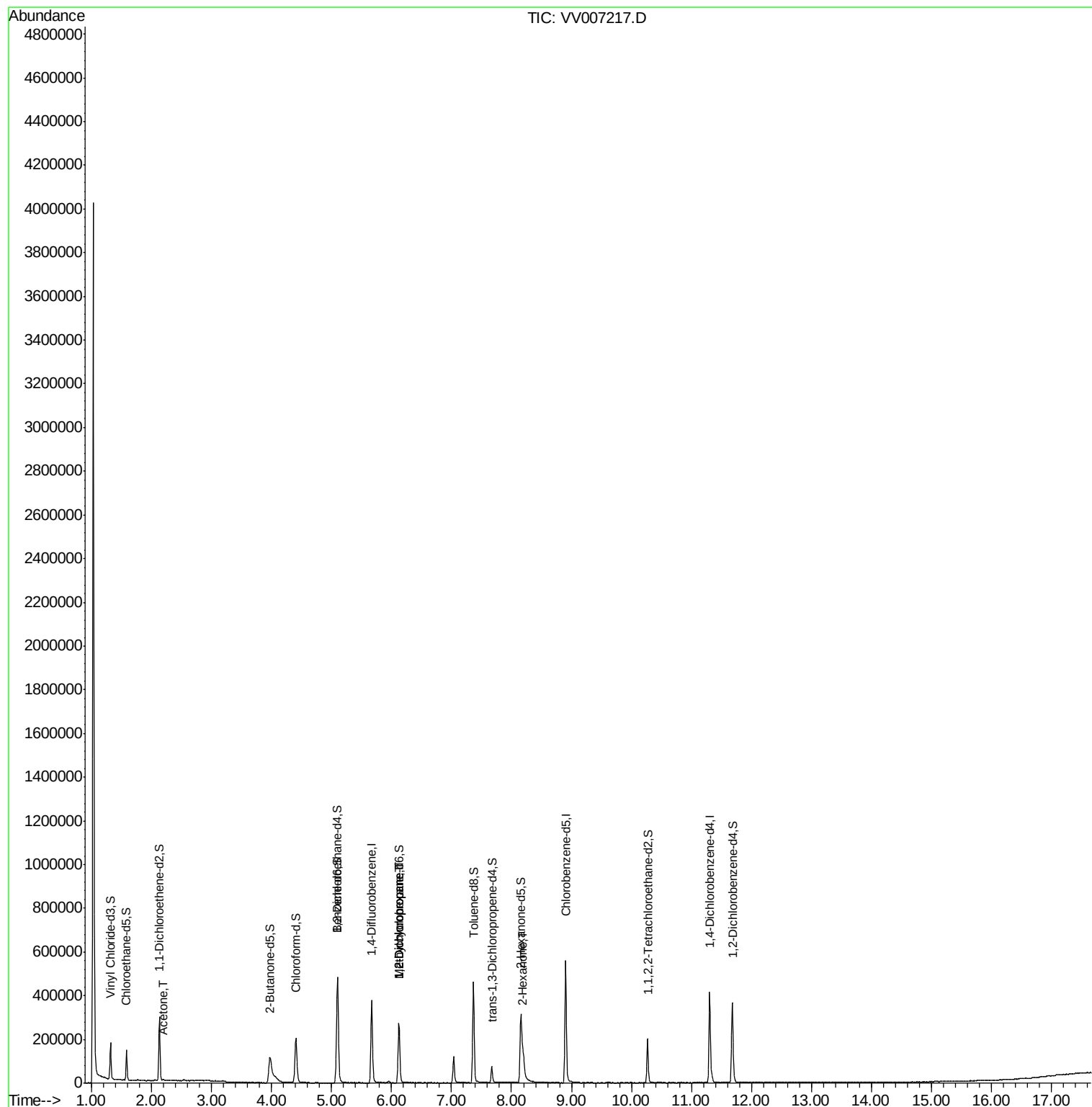
					Ovalue
13) Acetone	2.21	43	1070	0.347 ug/L	56
35) Methylcyclohexane	6.12	83	34600	0.874 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	13945	0.470 ug/L #	86
48) 2-Hexanone	8.20	43	58615	5.394 ug/L #	85

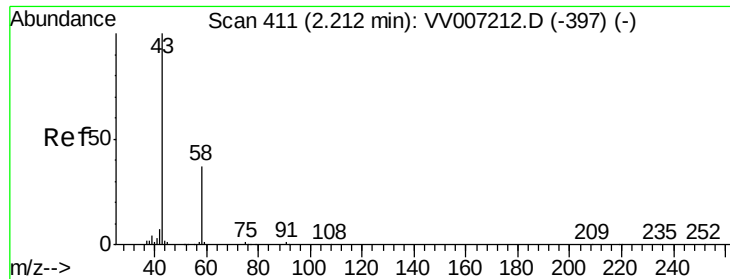
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.347 ug/L

RT: 2.21 min Scan# 409

Delta R.T. -0.01 min

Lab File: VV007217.D

Acq: 27 Aug 2018 18:07

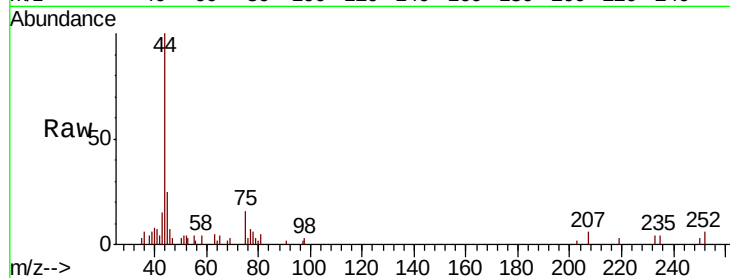
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 1070

Ion Ratio Lower Upper

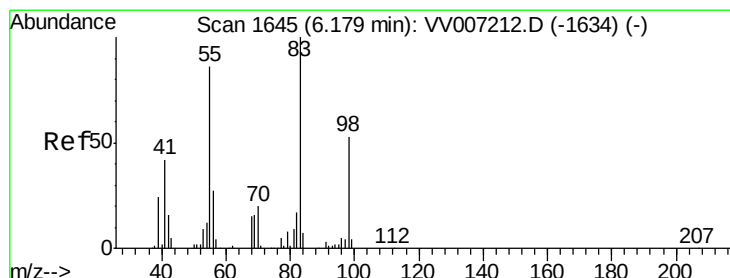
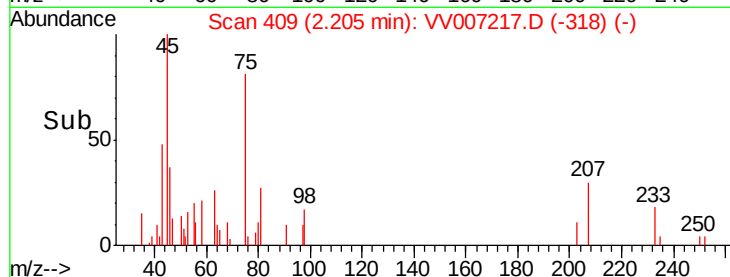
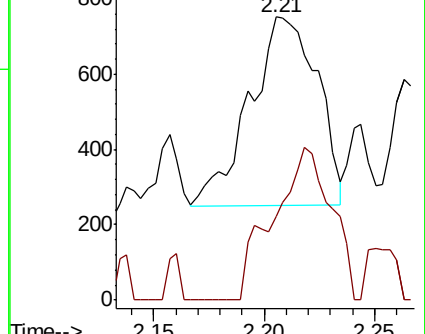
43 100

58 68.9 0.0 82.2



Abundance Ion 43.05 (42.75 to 43.75): VV007212.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007212.D (-397) (-)



#35

Methylcyclohexane

Concen: 0.874 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007217.D

Acq: 27 Aug 2018 18:07

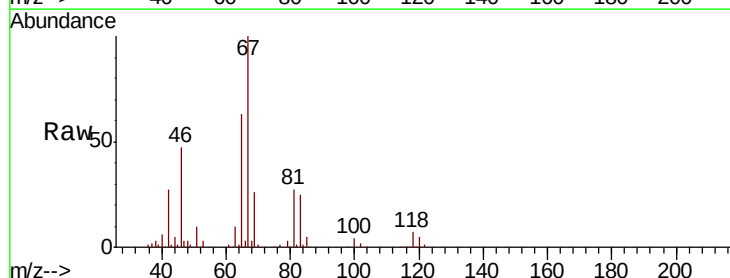
Tgt Ion: 83 Resp: 34600

Ion Ratio Lower Upper

83 100

55 0.5 65.5 98.3#

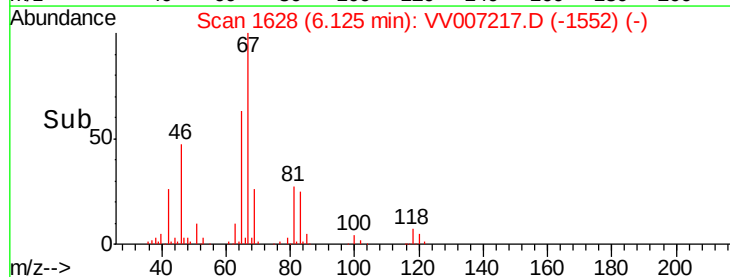
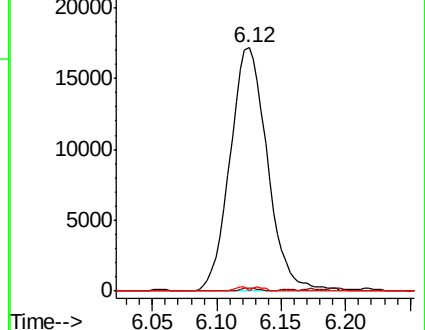
98 0.5 38.5 57.7#

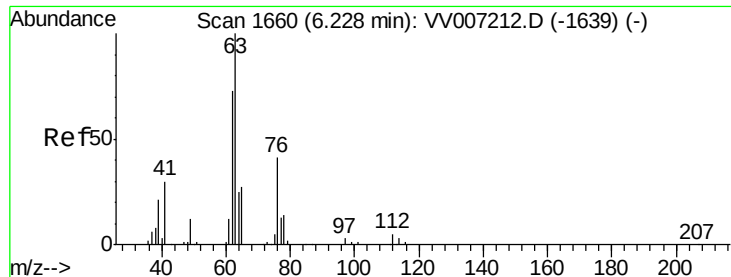


Abundance Ion 83.15 (82.85 to 83.85): VV007212.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV007212.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV007212.D (-1634) (-)

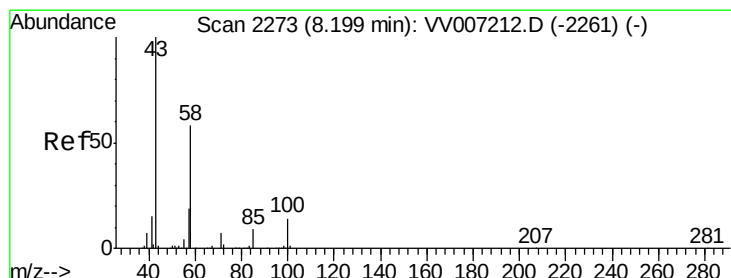
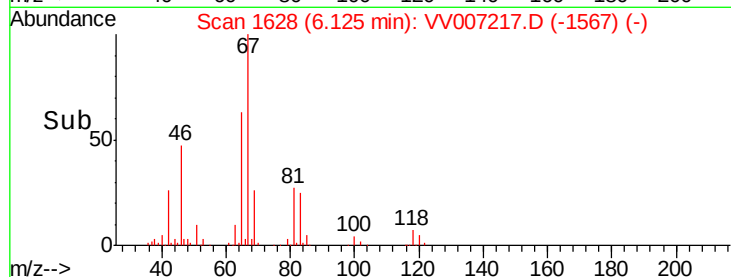
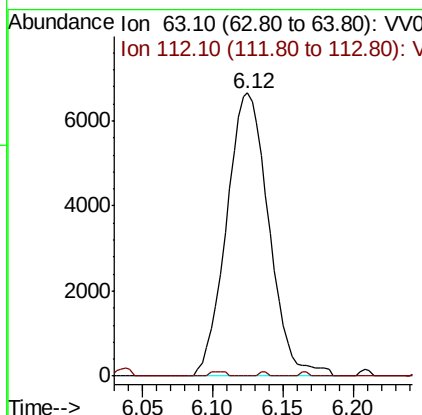
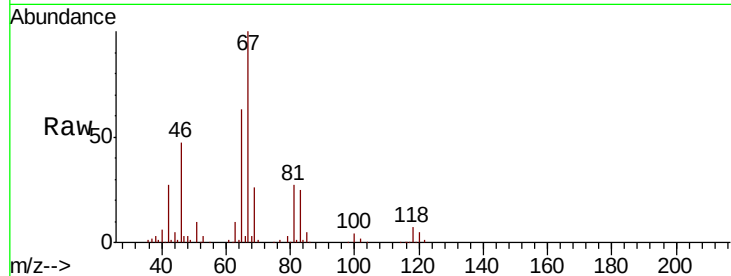




#37
 1,2-Dichloropropane
 Concen: 0.470 ug/L
 RT: 6.12 min Scan# 1628
 Delta R.T. -0.10 min
 Lab File: VV007217.D
 Acq: 27 Aug 2018 18:07

Instrument :
 MSVOA_V
 ClientSampled :

Tot Ion: 63 Resp: 13945
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.8#



#48
 2-Hexanone
 Concen: 5.394 ug/L
 RT: 8.20 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VV007217.D
 Acq: 27 Aug 2018 18:07

Tgt Ion: 43 Resp: 58615
 Ion Ratio Lower Upper
 43 100
 58 47.4 47.7 71.5#
 57 10.9 15.4 23.0#
 100 12.4 9.7 14.5

