

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081318\
 Data File : VV007012.D
 Acq On : 13 Aug 2018 17:48
 Operator : SY/MD
 Sample : J4451-25
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Aug 14 05:37:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 14 05:35:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	231230	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	224676	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	87524	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	60164	4.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.60%
7) Chloroethane-d5	1.58	69	57910	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	84733	3.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.40%
20) 2-Butanone-d5	3.98	46	237692	55.37	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.74%
24) Chloroform-d	4.41	84	149798	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.09	65	79079	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.10	84	272987	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.12	67	99281	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	199262	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.67	79	28639	4.17	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.40%
46) 2-Hexanone-d5	8.15	63	113242	40.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	77631	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	76379	5.02	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.40%

Target Compounds

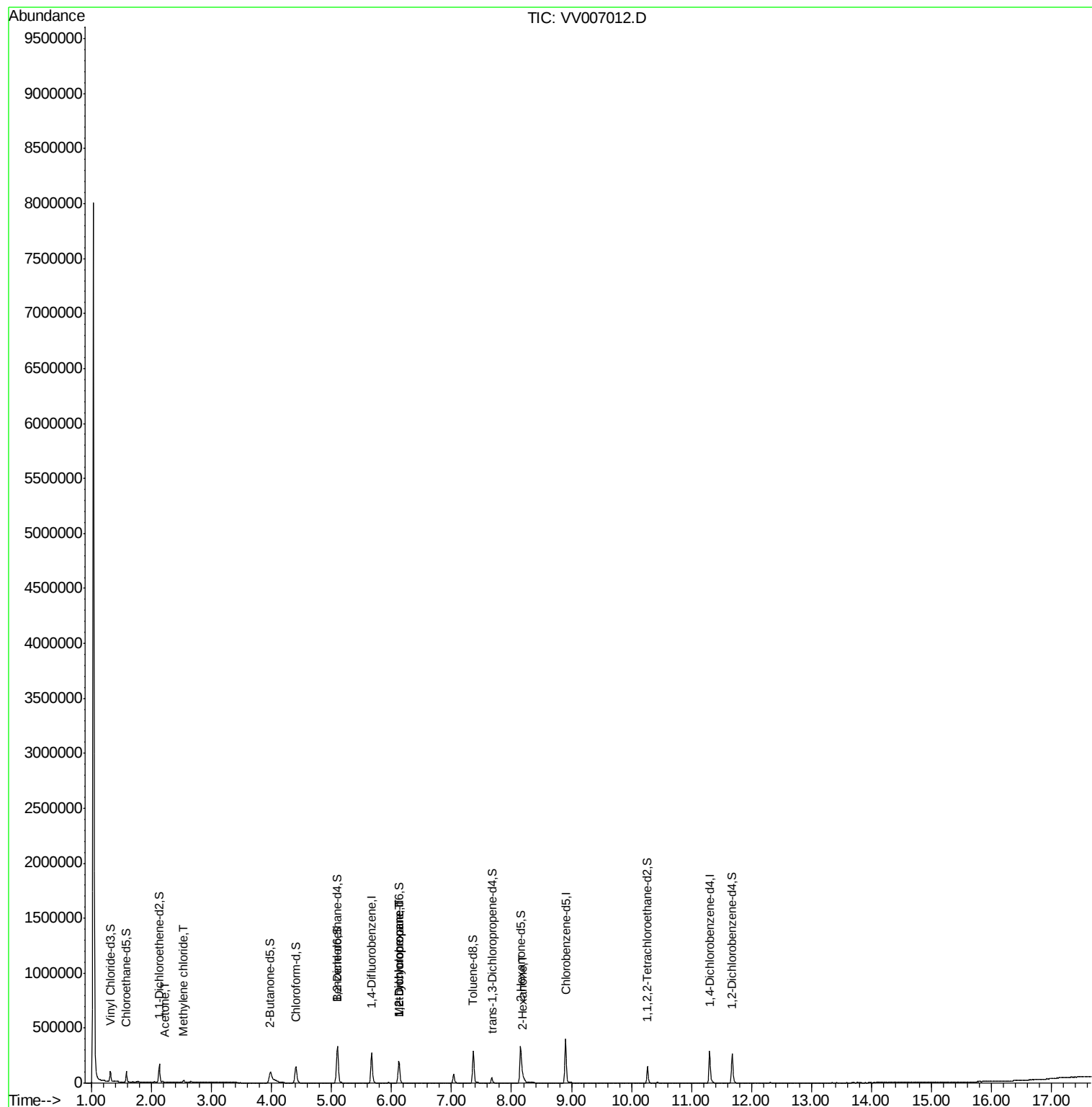
					Ovalue
13) Acetone	2.22	43	542	0.245 ug/L	92
16) Methylene chloride	2.54	84	4971	0.248 ug/L	96
35) Methylcyclohexane	6.12	83	22423	0.748 ug/L #	16
37) 1,2-Dichloropropane	6.13	63	9979	0.468 ug/L #	87
48) 2-Hexanone	8.20	43	16474	2.030 ug/L #	41

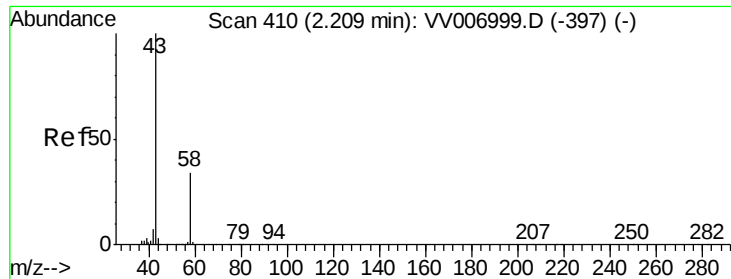
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.245 ug/L

RT: 2.22 min Scan# 414

Delta R.T. 0.01 min

Lab File: VV007012.D

Acq: 13 Aug 2018 17:48

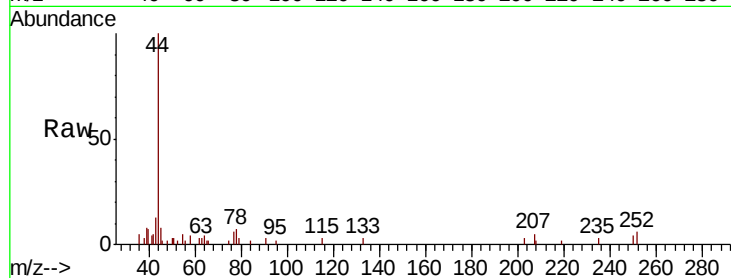
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 542

Ion Ratio Lower Upper

43 100

58 40.2 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV006999.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV006999.D (-397) (-)

2.22

600

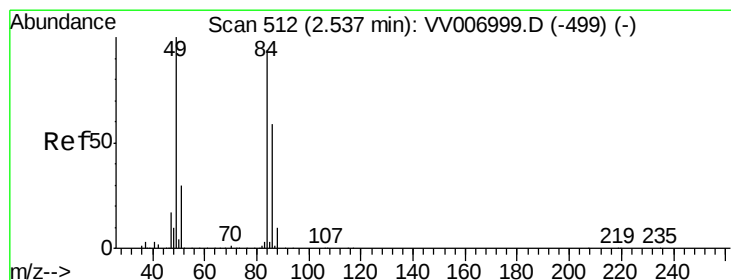
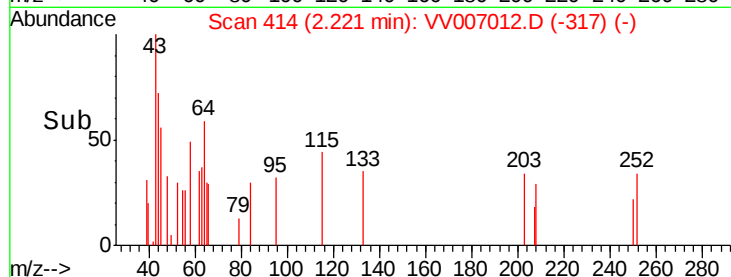
400

200

0

2.18 2.20 2.22 2.24

Time-->



#16

Methylene chloride

Concen: 0.248 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007012.D

Acq: 13 Aug 2018 17:48

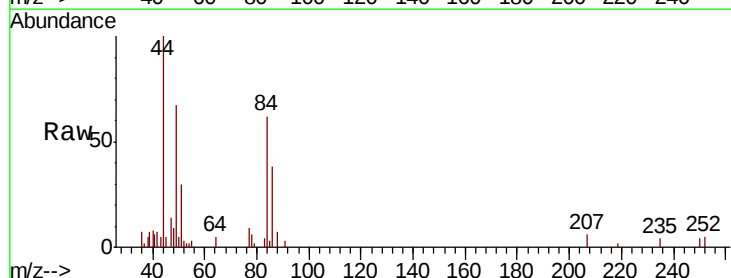
Tgt Ion: 84 Resp: 4971

Ion Ratio Lower Upper

84 100

86 61.7 45.7 84.9

49 108.2 78.8 146.4



Abundance Ion 84.05 (83.75 to 84.75): VV006999.D (-499) (-)

Ion 86.00 (85.70 to 86.70): VV006999.D (-499) (-)

Ion 49.10 (48.80 to 49.80): VV006999.D (-499) (-)

2.54

4000

3000

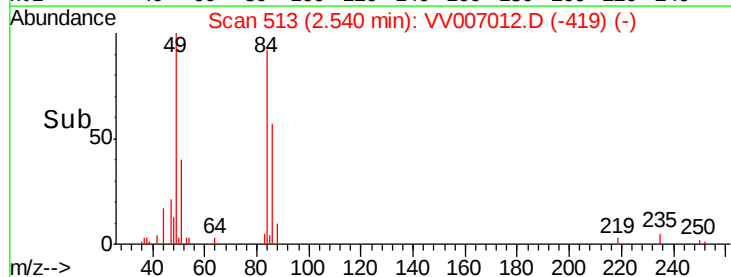
2000

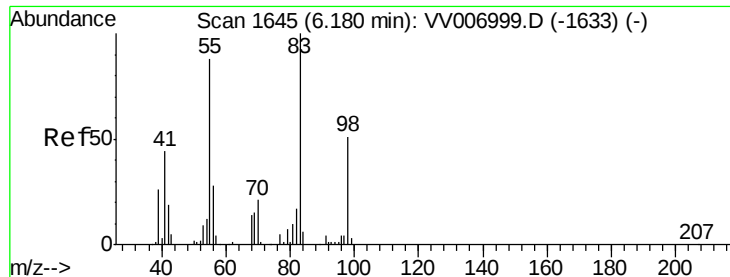
1000

0

2.50 2.55 2.60

Time-->

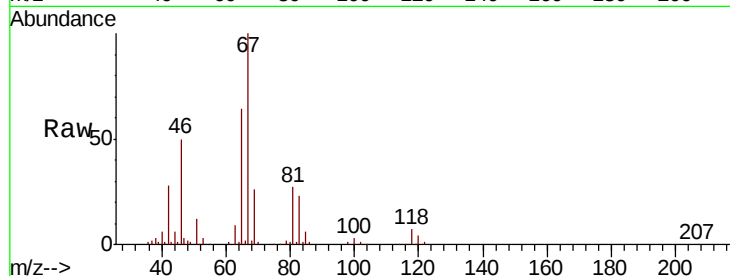




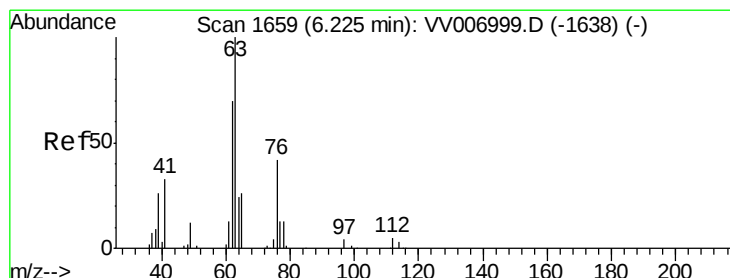
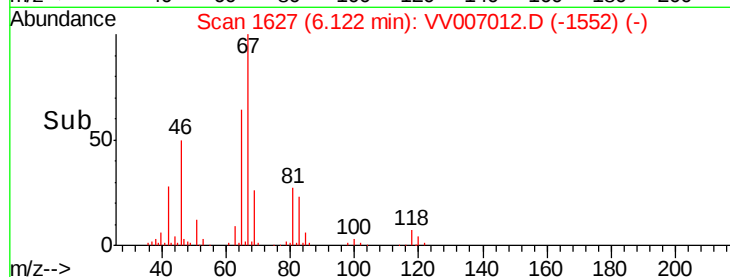
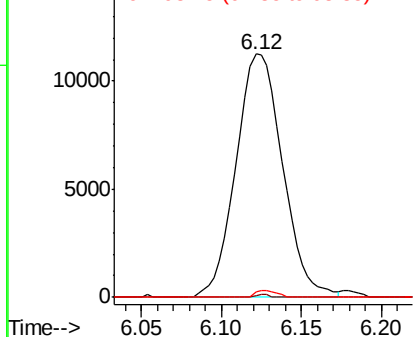
#35
Methvlcvclohexane
Concen: 0.748 ug/L
RT: 6.12 min Scan# 1627
Delta R.T. -0.06 min
Lab File: VV007012.D
Acq: 13 Aug 2018 17:48

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 22423
Ion Ratio Lower Upper
83 100
55 0.4 68.1 102.1#
98 1.2 37.9 56.9#

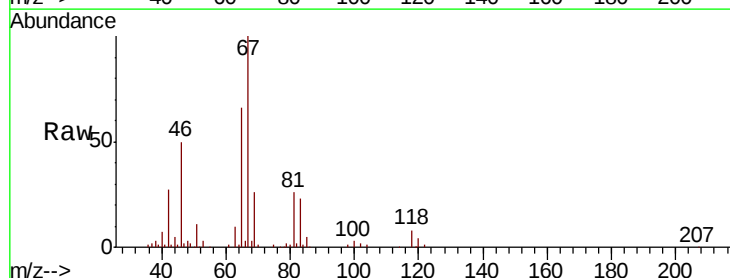


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

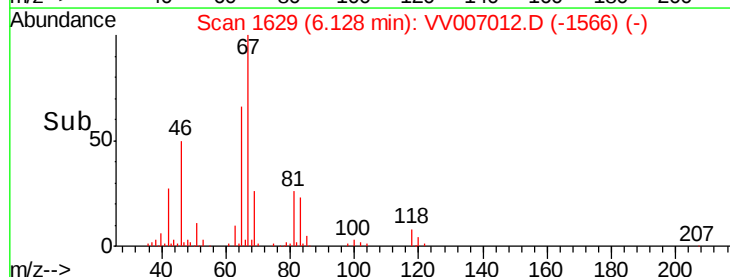
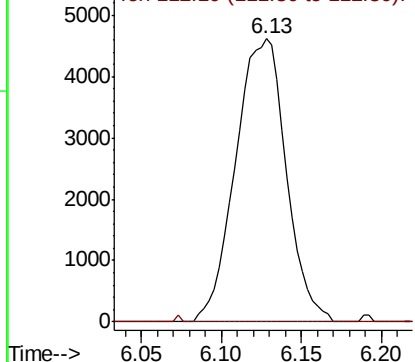


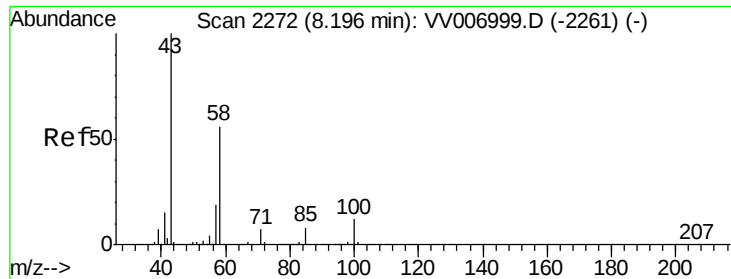
#37
1,2-Dichloropropane
Concen: 0.468 ug/L
RT: 6.13 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VV007012.D
Acq: 13 Aug 2018 17:48

Tgt Ion: 63 Resp: 9979
Ion Ratio Lower Upper
63 100
112 0.2 3.5 5.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 2.030 ug/L
 RT: 8.20 min Scan# 2273
 Delta R.T. 0.00 min
 Lab File: VV007012.D
 Acq: 13 Aug 2018 17:48

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	0.0	44.2	66.2#
57	2.5	14.8	22.2#
100	6.6	8.8	13.2#

