

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007090.D
 Acq On : 20 Aug 2018 23:33
 Operator : SY/MD
 Sample : J4515-01
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0324

Quant Time: Aug 21 05:27:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 05:25:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	237221	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	240870	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89872	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77719	5.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.60%
7) Chloroethane-d5	1.58	69	70446	5.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	2.13	63	112216	3.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.00%
20) 2-Butanone-d5	3.97	46	229724	52.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.34%
24) Chloroform-d	4.41	84	170002	5.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.40%
26) 1,2-Dichloroethane-d4	5.09	65	87994	5.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.20%
32) Benzene-d6	5.10	84	316233	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	6.12	67	110949	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.37	98	231176	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
43) trans-1,3-Dichloropropene-	7.67	79	21422	2.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.20%
46) 2-Hexanone-d5	8.15	63	77666	25.81	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	51.62%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83151	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	84612	5.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.20%

Target Compounds

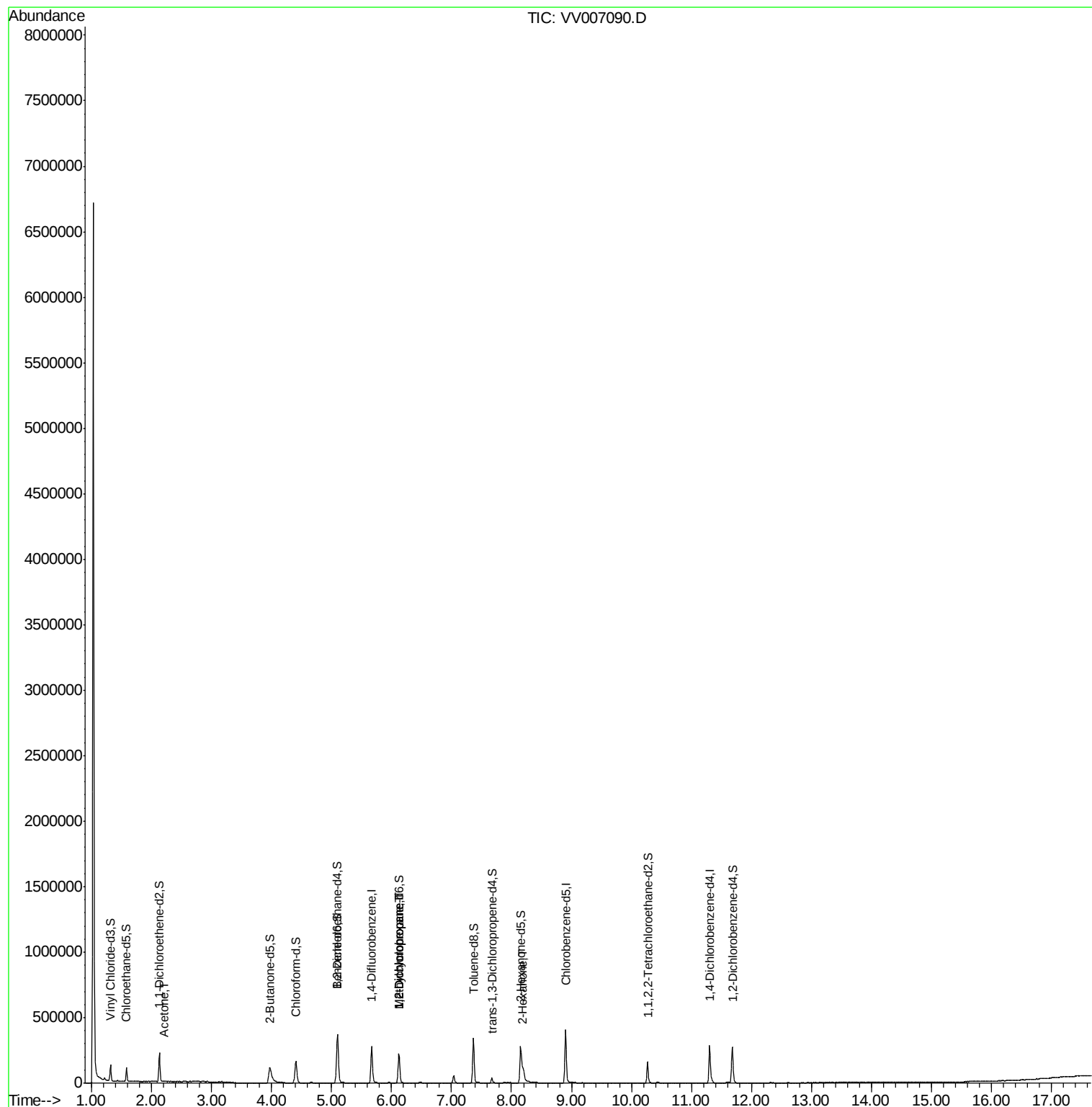
					Ovalue
13) Acetone	2.21	43	6001	2.647 ug/L	98
35) Methylcyclohexane	6.12	83	26137	0.814 ug/L #	16
37) 1,2-Dichloropropane	6.12	63	10939	0.479 ug/L #	87
48) 2-Hexanone	8.20	43	44225	5.082 ug/L	95

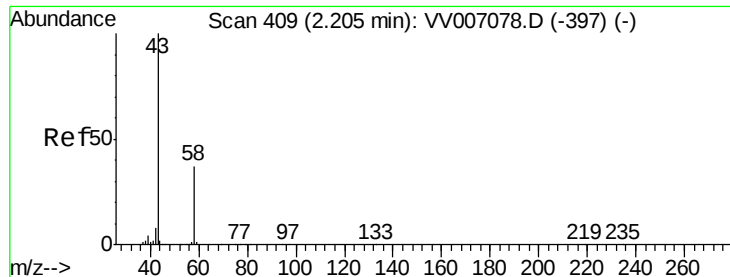
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.647 ug/L

RT: 2.21 min Scan# 412

Delta R.T. 0.01 min

Lab File: VV007090.D

Acq: 20 Aug 2018 23:33

Instrument :

MSVOA_V

ClientSampleId :

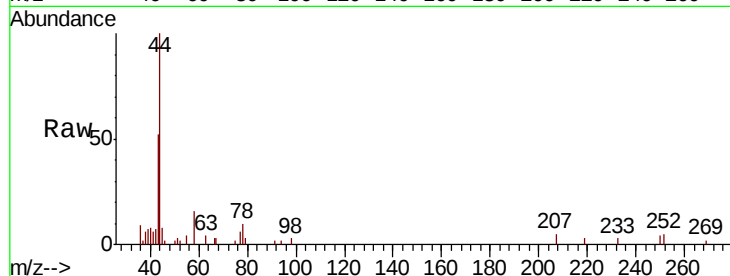
C0324

Tot Ion: 43 Resp: 6001

Ion Ratio Lower Upper

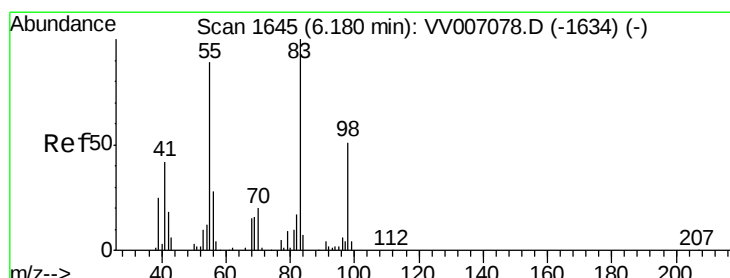
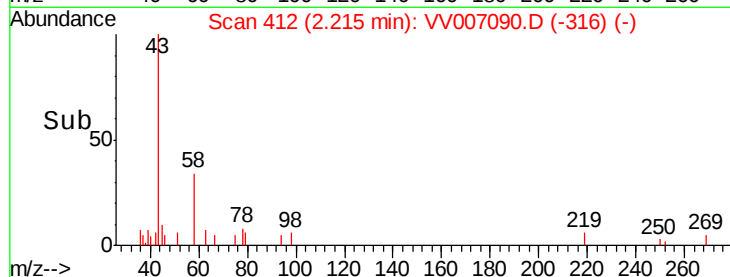
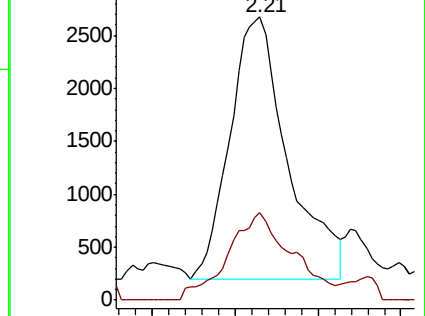
43 100

58 36.9 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-397) (-)

Ion 58.05 (57.75 to 58.75): VV007078.D (-397) (-)



#35

Methylcyclohexane

Concen: 0.814 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.05 min

Lab File: VV007090.D

Acq: 20 Aug 2018 23:33

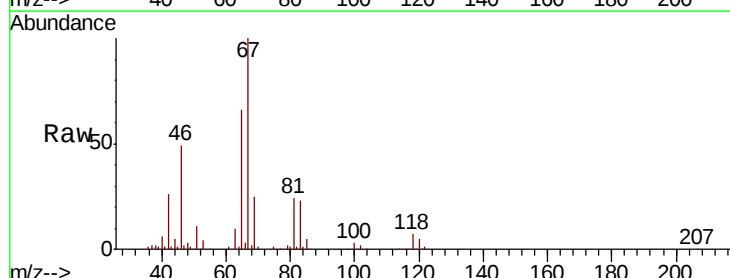
Tgt Ion: 83 Resp: 26137

Ion Ratio Lower Upper

83 100

55 0.4 68.1 102.1#

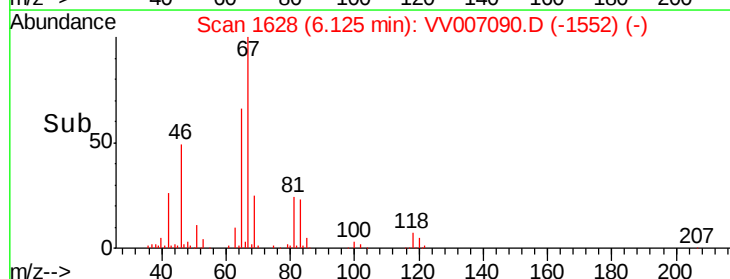
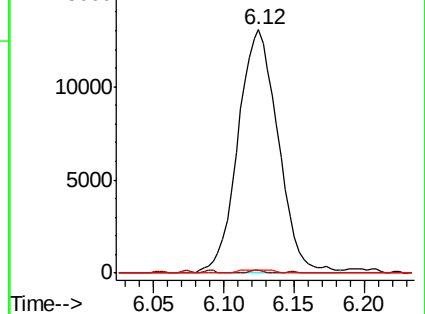
98 1.1 37.9 56.9#

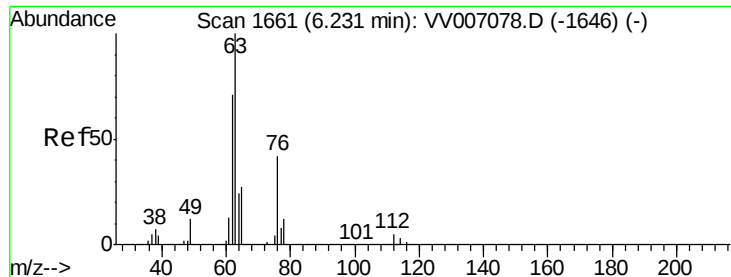


Abundance Ion 83.15 (82.85 to 83.85): VV007078.D (-1634) (-)

Ion 55.10 (54.80 to 55.80): VV007078.D (-1634) (-)

Ion 98.15 (97.85 to 98.85): VV007078.D (-1634) (-)





#37

1,2-Dichloropropane

Concen: 0.479 ug/L

RT: 6.12 min Scan# 1628

Delta R.T. -0.11 min

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Acq: 20 Aug 2018 23:33

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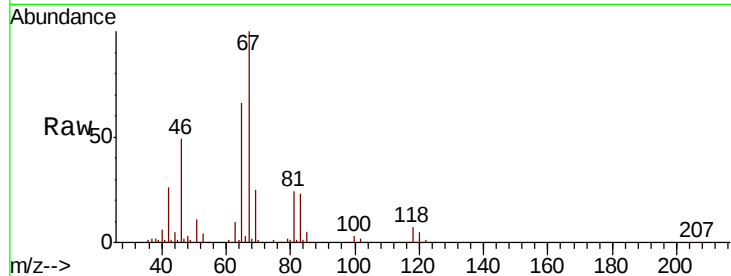
C0324

Tot Ion: 63 Resp: 10939

Ion Ratio Lower Upper

63 100

112 0.2 3.5 5.3#



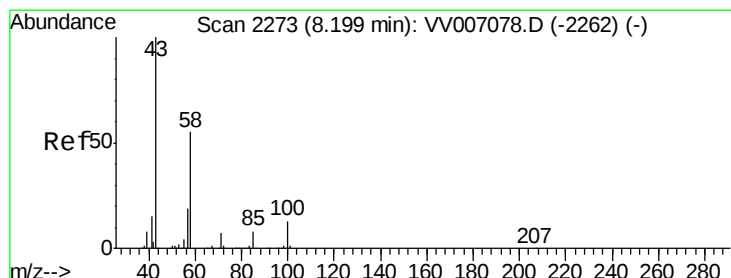
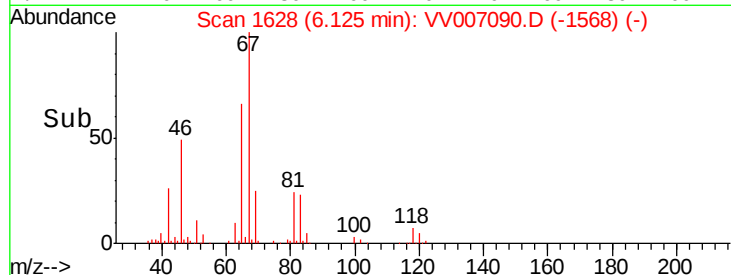
Abundance Ion 63.10 (62.80 to 63.80): VV007078.D (-1646) (-)

Ion 112.10 (111.80 to 112.80): VV007078.D (-1646) (-)

6.12

6.05 6.10 6.15 6.20

Time-->



#48

2-Hexanone

Concen: 5.082 ug/L

RT: 8.20 min Scan# 2273

Delta R.T. -0.00 min

Lab File: VV007090.D

Acq: 20 Aug 2018 23:33

Tgt Ion: 43 Resp: 44225

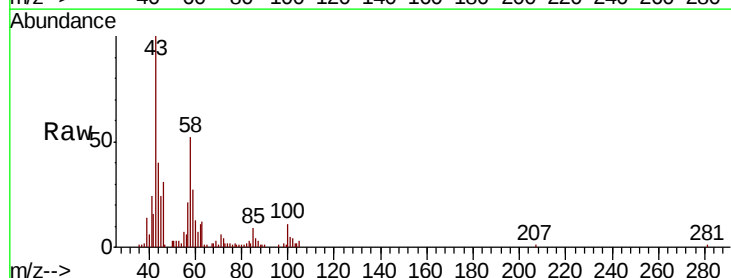
Ion Ratio Lower Upper

43 100

58 51.6 44.2 66.2

57 21.5 14.8 22.2

100 12.0 8.8 13.2



Abundance Ion 43.05 (42.75 to 43.75): VV007078.D (-2262) (-)

Ion 58.05 (57.75 to 58.75): VV007078.D (-2262) (-)

Ion 57.20 (56.90 to 57.90): VV007078.D (-2262) (-)

Ion 100.15 (99.85 to 100.85): VV007078.D (-2262) (-)

8.20

8.15 8.20 8.25 8.30

Time-->

