

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082018\
 Data File : VV007069.D
 Acq On : 20 Aug 2018 13:29
 Operator : SY/MD
 Sample : J4515-05
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0328

Quant Time: Aug 21 09:36:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 21 04:05:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	251255	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	242936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	94481	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	79777	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	74954	5.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.00%
11) 1,1-Dichloroethene-d2	2.13	63	114294	3.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.20%
20) 2-Butanone-d5	3.97	46	222397	47.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.36%
24) Chloroform-d	4.41	84	177700	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.00%
26) 1,2-Dichloroethane-d4	5.09	65	90496	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	343178	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.12	67	116157	5.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.00%
41) Toluene-d8	7.36	98	253164	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.67	79	24320	3.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.60%
46) 2-Hexanone-d5	8.15	63	86557	28.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	57.04%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	81751	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	91334	5.56	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.20%

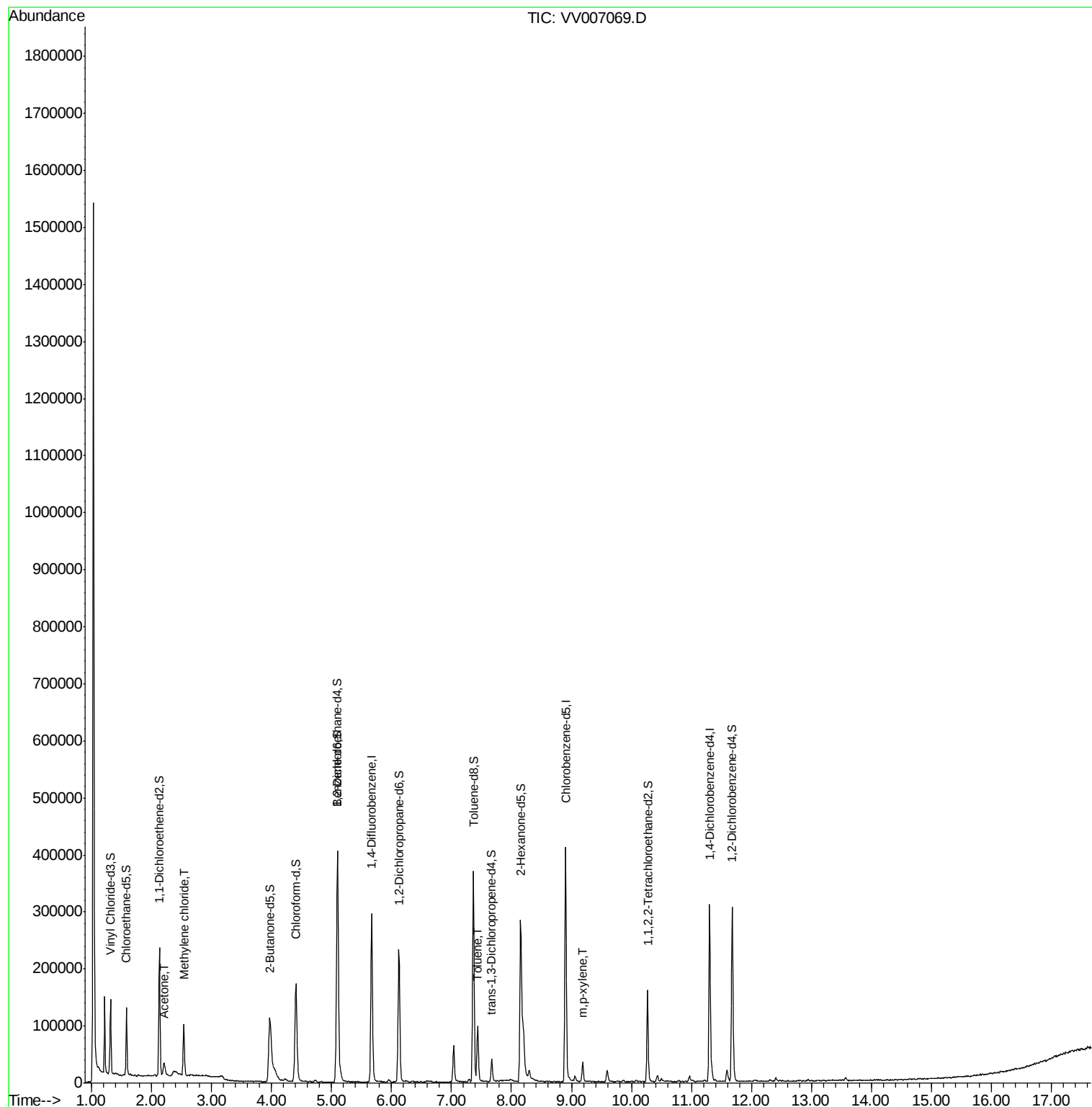
Target Compounds					Ovalue
13) Acetone	2.21	43	35109	14.62	ug/L 96
16) Methylene chloride	2.54	84	38996	1.79	ug/L 97
42) Toluene	7.44	91	69617	0.86	ug/L 100
53) m,p-xylene	9.19	106	10444	0.35	ug/L 97

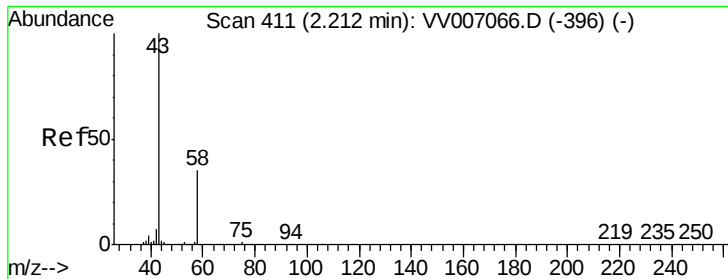
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 14.62 ug/L

RT: 2.21 min Scan# 410

Delta R.T. -0.00 min

Lab File: VV007069.D

Acq: 20 Aug 2018 13:29

Instrument :

MSVOA_V

ClientSampled :

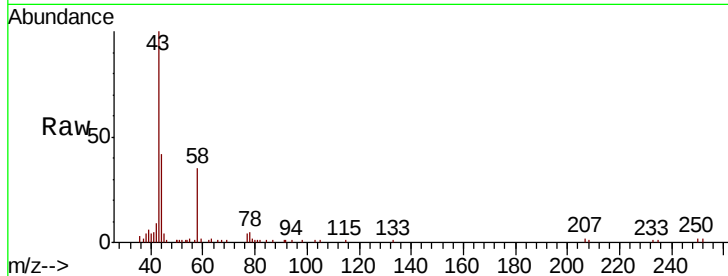
C0328

Tot Ion: 43 Resp: 35109

Ion Ratio Lower Upper

43 100

58 33.4 0.0 71.4



Abundance Ion 43.05 (42.75 to 43.75): VV007066.D (-396) (-)

Ion 58.05 (57.75 to 58.75): VV007066.D (-396) (-)

2.21

15000

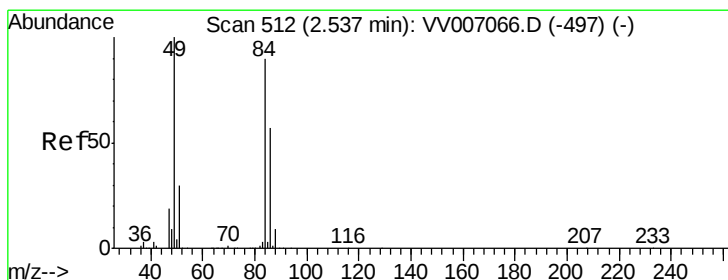
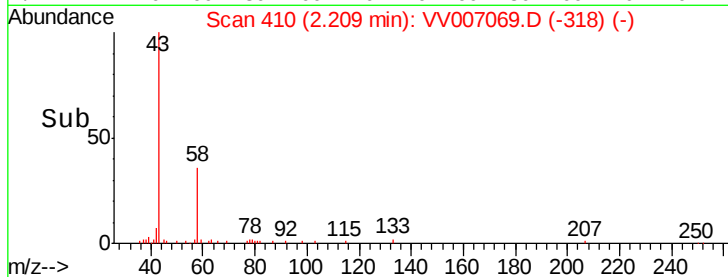
10000

5000

0

2.10 2.20 2.30

Time-->



#16

Methylene chloride

Concen: 1.79 ug/L

RT: 2.54 min Scan# 513

Delta R.T. 0.00 min

Lab File: VV007069.D

Acq: 20 Aug 2018 13:29

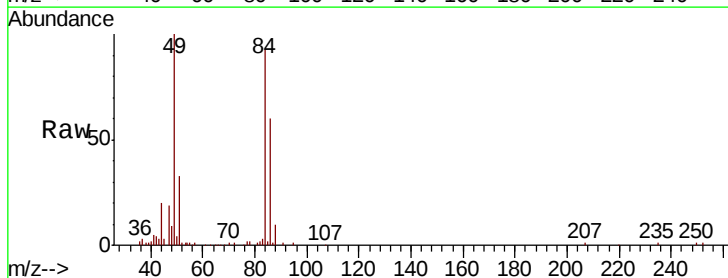
Tgt Ion: 84 Resp: 38996

Ion Ratio Lower Upper

84 100

86 64.4 45.7 84.9

49 107.7 78.8 146.4



Abundance Ion 84.05 (83.75 to 84.75): VV007066.D (-497) (-)

Ion 86.00 (85.70 to 86.70): VV007066.D (-497) (-)

Ion 49.10 (48.80 to 49.80): VV007066.D (-497) (-)

2.54

30000

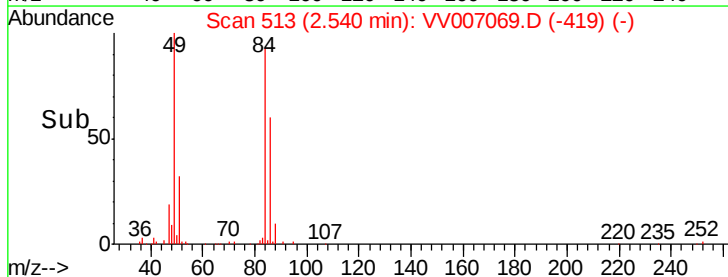
20000

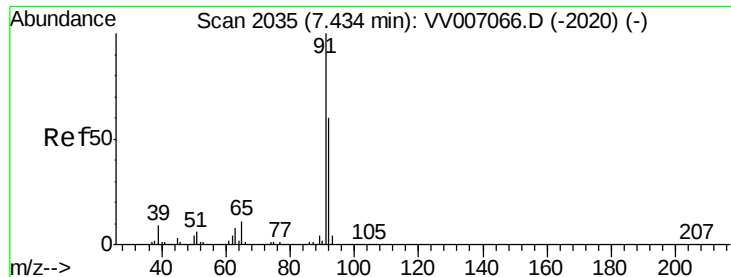
10000

0

2.50 2.55 2.60

Time-->





#42

Toluene

Concen: 0.86 ug/L

RT: 7.44 min Scan# 2036

Delta R.T. 0.00 min

Lab File: VV007069.D

Acq: 20 Aug 2018 13:29

Instrument :

MSVOA_V

ClientSampleId :

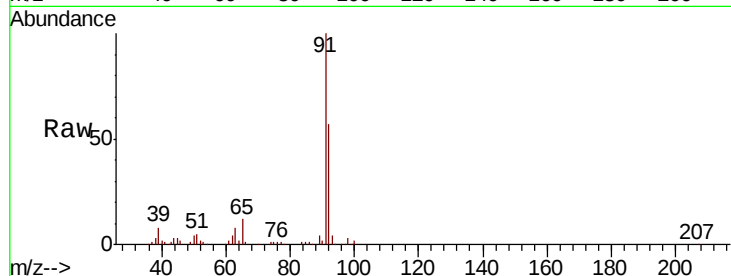
C0328

Tot Ion: 91 Resp: 69617

Ion Ratio Lower Upper

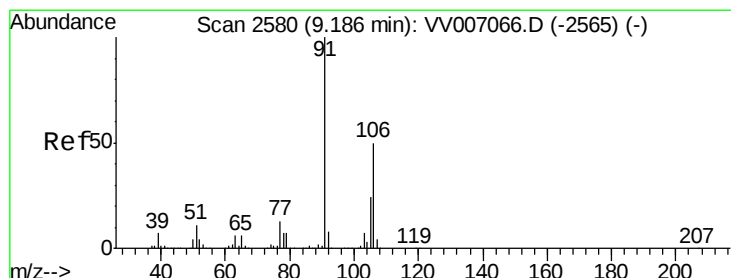
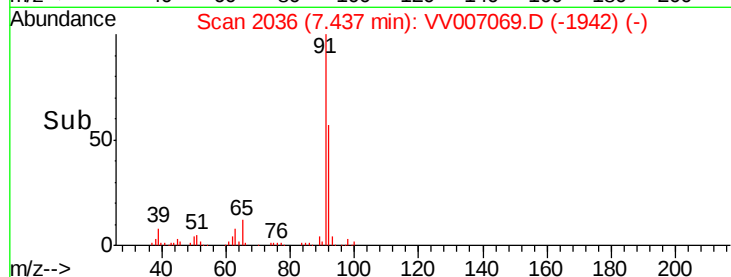
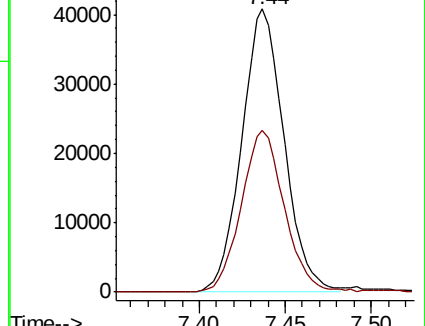
91 100

92 57.1 40.2 74.6



Abundance Ion 91.15 (90.85 to 91.85): VV007066.D (-2020) (-)

Ion 92.15 (91.85 to 92.85): VV007066.D (-2020) (-)



#53

m,p-xylene

Concen: 0.35 ug/L

RT: 9.19 min Scan# 2580

Delta R.T. 0.00 min

Lab File: VV007069.D

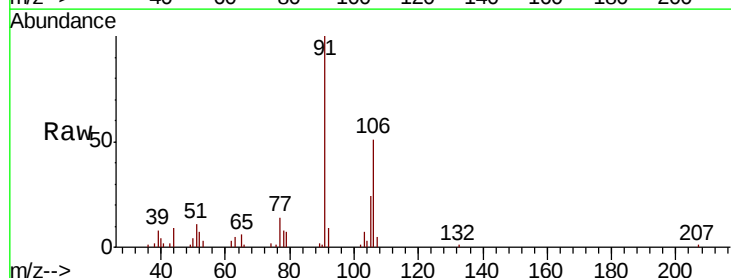
Acq: 20 Aug 2018 13:29

Tgt Ion:106 Resp: 10444

Ion Ratio Lower Upper

106 100

91 197.6 141.6 263.0



Abundance Ion 106.15 (105.85 to 106.85): VV007066.D (-2565) (-)

Ion 91.15 (90.85 to 91.85): VV007066.D (-2565) (-)

