

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071219\
 Data File : VV011877.D
 Acq On : 12 Jul 2019 19:56
 Operator : SY/MD
 Sample : K3772-11
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52P6

Quant Time: Jul 13 05:15:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jul 13 04:20:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	157927	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	156176	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	69263	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	60511	5.10	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.00%
7) Chloroethane-d5	1.58	69	49431	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	66359	3.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.00%
20) 2-Butanone-d5	3.95	46	148026	59.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.86%
24) Chloroform-d	4.40	84	109451	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	5.08	65	61500	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.10	84	221799	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.20%
36) 1,2-Dichloropropane-d6	6.12	67	69250	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	190094	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.67	79	22274	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.13	63	99869	52.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40792	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	69868	5.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	109.00%

Target Compounds

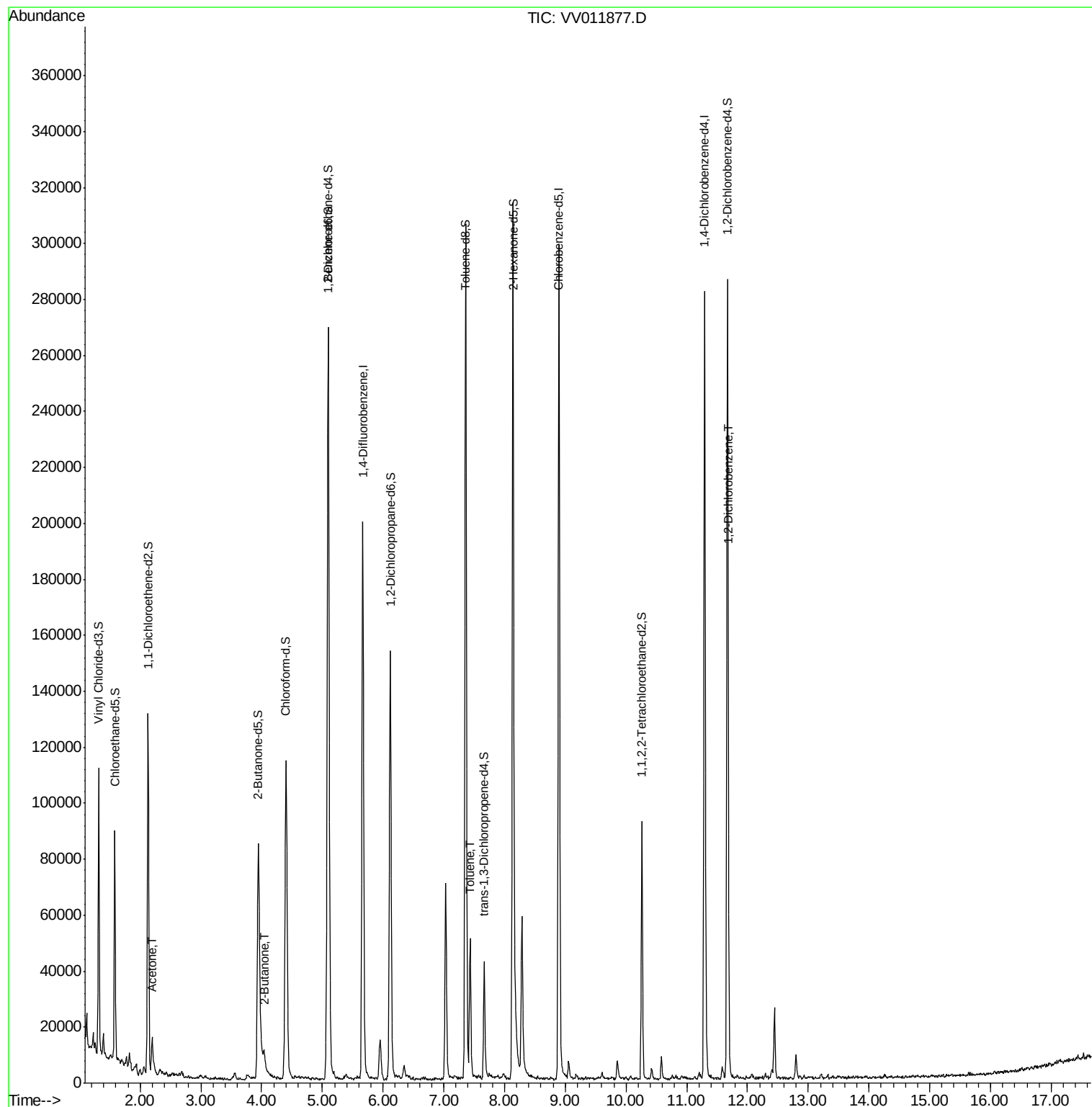
					Ovalue
13) Acetone	2.20	43	14148	9.264	ug/L 100
21) 2-Butanone	4.04	43	11194	4.041	ug/L 99
42) Toluene	7.43	91	32950	0.646	ug/L 100
65) 1,2-Dichlorobenzene	11.69	146	4207	0.199	ug/L 97

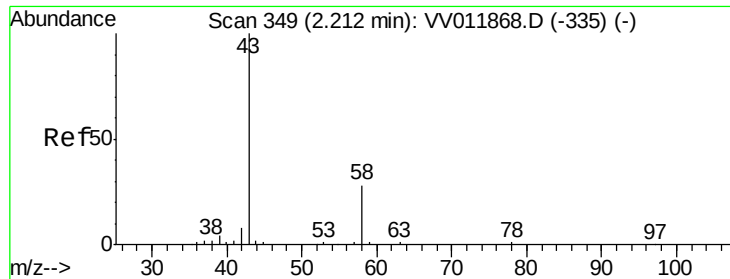
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 9.264 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.02 min

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MSVOA_V

ClientSampleId :

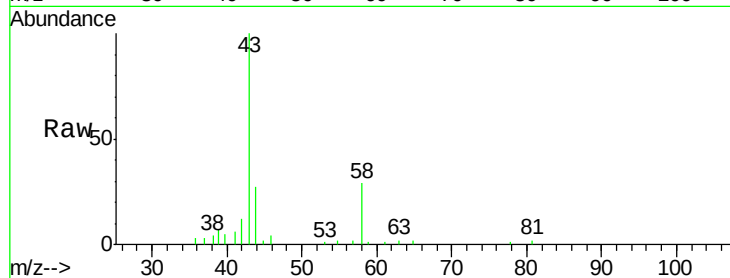
A52P6

Tot Ion: 43 Resp: 14148

Ion Ratio Lower Upper

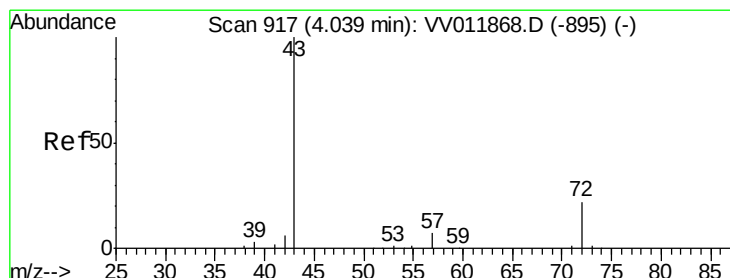
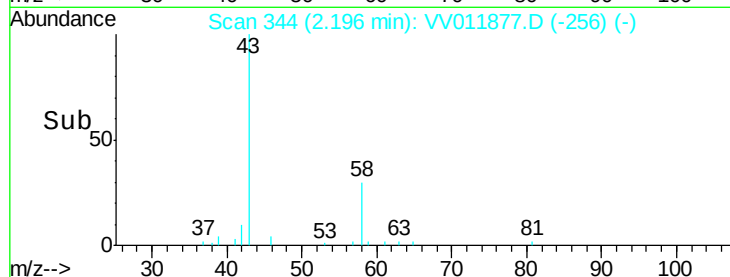
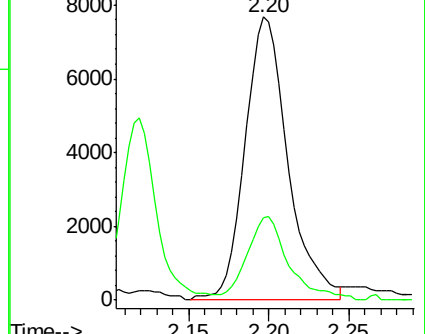
43 100

58 29.0 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#21

2-Butanone

Concen: 4.041 ug/L

RT: 4.04 min Scan# 917

Delta R.T. -0.00 min

Lab File: VV011877.D

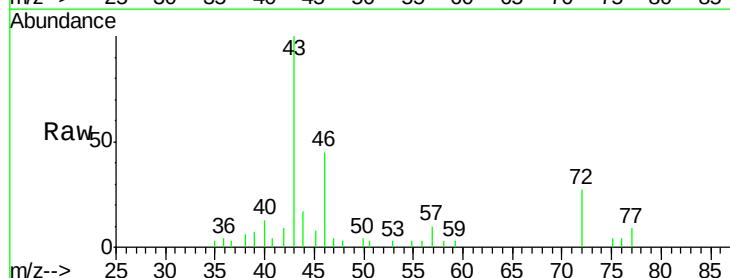
Acq: 12 Jul 2019 19:56

Tgt Ion: 43 Resp: 11194

Ion Ratio Lower Upper

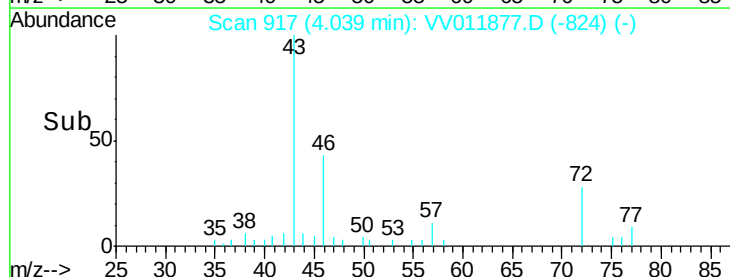
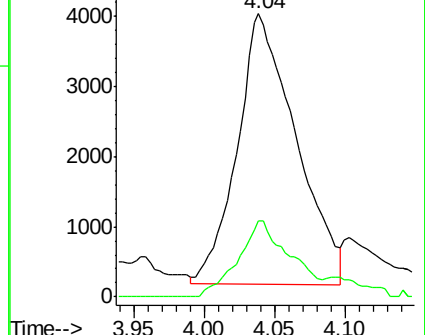
43 100

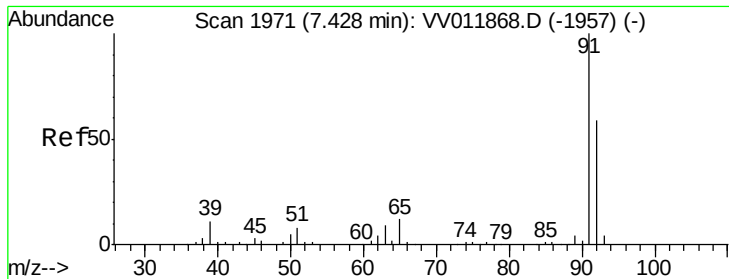
72 25.0 12.2 36.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#42

Toluene

Concen: 0.646 ug/L

RT: 7.43 min Scan# 1973

Delta R.T. 0.01 min

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ClientSampleId :

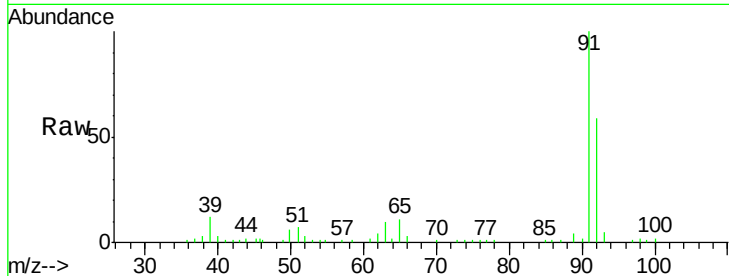
A52P6

Tot Ion: 91 Resp: 32950

Ion Ratio Lower Upper

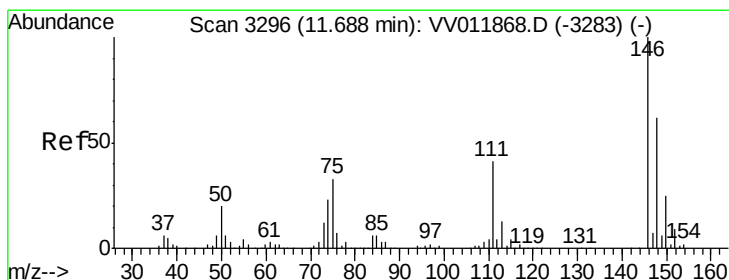
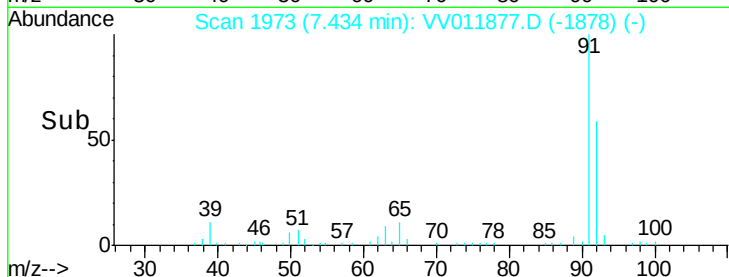
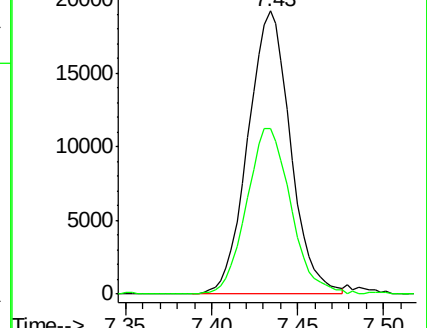
91 100

92 58.6 40.8 75.8



Abundance Ion 91.15 (90.85 to 91.85): VV011868.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV011868.D (-1957) (-)



#65

1,2-Dichlorobenzene

Concen: 0.199 ug/L

RT: 11.69 min Scan# 3297

Delta R.T. 0.00 min

Lab File: VV011877.D

Acq: 12 Jul 2019 19:56

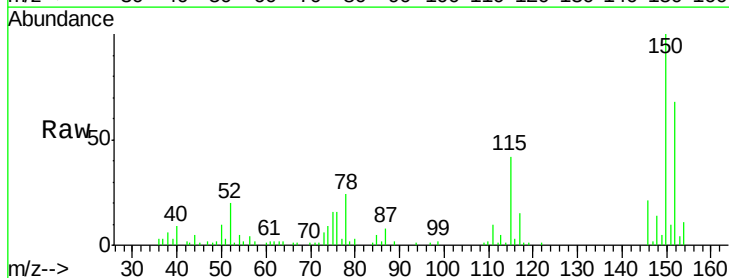
Tgt Ion: 146 Resp: 4207

Ion Ratio Lower Upper

146 100

111 47.1 34.7 52.1

148 65.0 51.4 77.0



Abundance Ion 145.95 (145.65 to 146.65): VV011868.D (-3283) (-)

Ion 111.00 (110.70 to 111.70): VV011868.D (-3283) (-)

Ion 148.00 (147.70 to 148.70): VV011868.D (-3283) (-)

