

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U092719\
 Data File : VU034868.D
 Acq On : 27 Sep 2019 12:24
 Operator : JC/SP
 Sample : K5044-05DL 5X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CWK37DL

Quant Time: Sep 28 00:49:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR091819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 28 00:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	88971	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	84733	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	38918	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	28137	3.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.60%
7) Chloroethane-d5	1.67	69	24402	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.26	63	41101	3.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.80%
20) 2-Butanone-d5	4.16	46	69905	40.17	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.34%
24) Chloroform-d	4.62	84	39054	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	72.40%
26) 1,2-Dichloroethane-d4	5.29	65	22663	3.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.80%
32) Benzene-d6	5.31	84	89710	3.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.60%
36) 1,2-Dichloropropane-d6	6.31	67	29836	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	7.54	98	82430	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
43) trans-1,3-Dichloropropene-	7.83	79	9545	3.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.00%
46) 2-Hexanone-d5	8.30	63	49646	36.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.48%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	21529	3.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	26636	3.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	79.40%#

Target Compounds

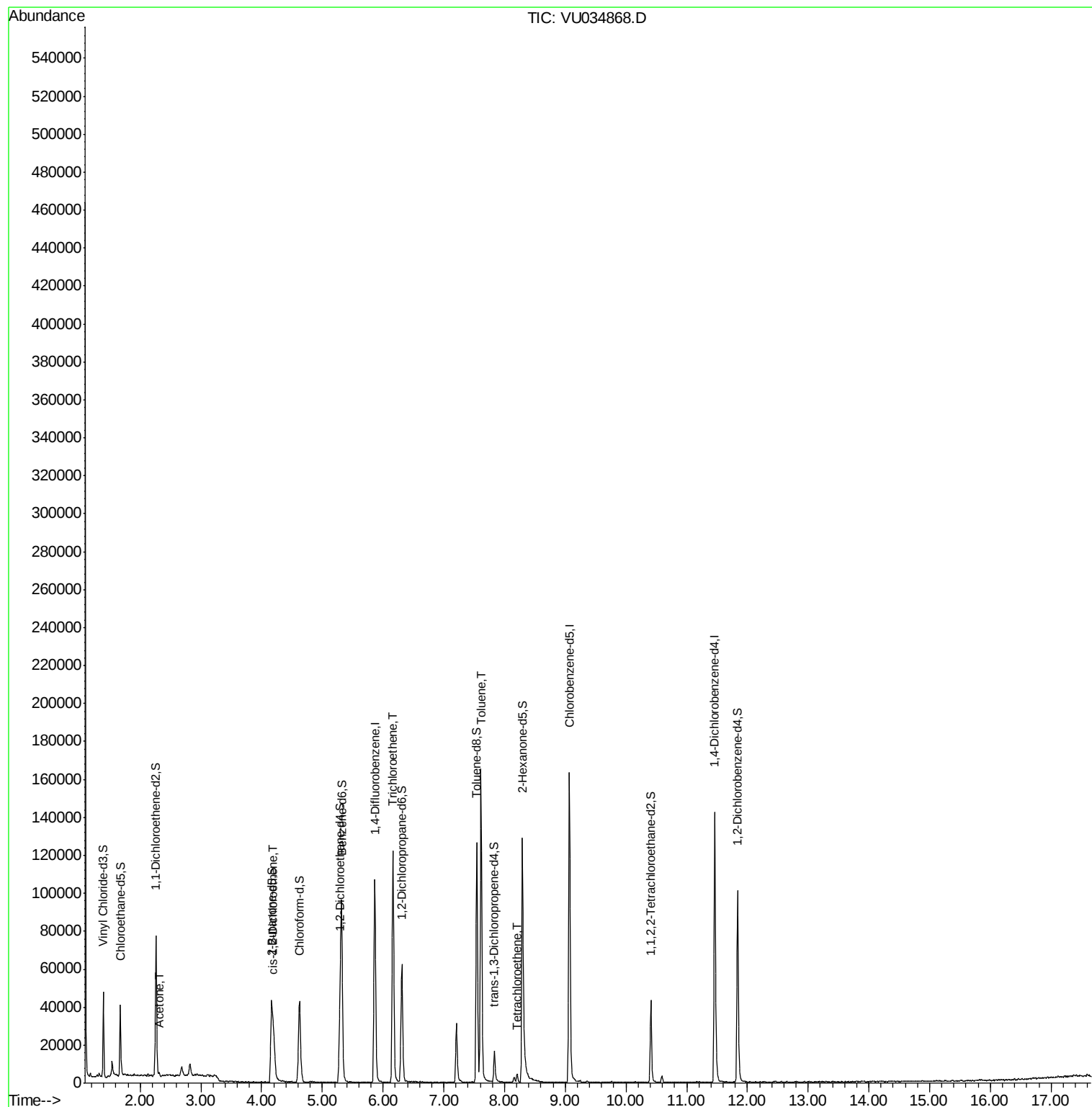
					Ovalue
13) Acetone	2.31	43	1421	1.057	ug/L 85
22) cis-1,2-Dichloroethene	4.20	96	8617	1.413	ug/L 93
34) Trichloroethene	6.16	95	40984	7.176	ug/L 93
42) Toluene	7.61	91	118342	4.780	ug/L 94
47) Tetrachloroethene	8.21	164	889	0.257	ug/L 88

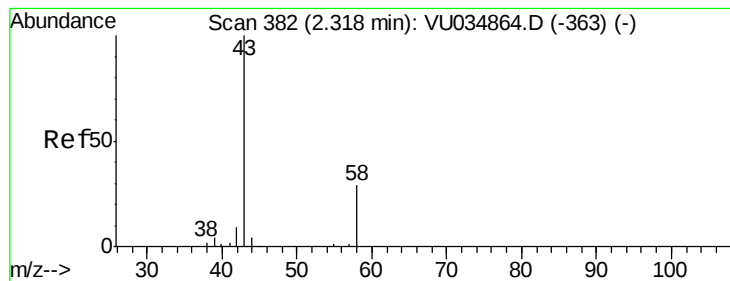
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.057 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.01 min

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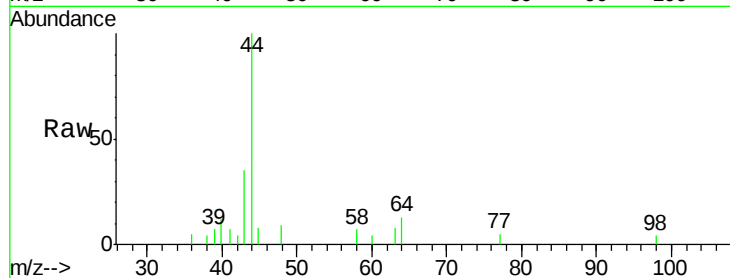
CWK37DL

Tot Ion: 43 Resp: 1421

Ion Ratio Lower Upper

43 100

58 20.9 0.0 57.8



Abundance Ion 43.05 (42.75 to 43.75): VU034868.D (-379) (-)

Ion 58.05 (57.75 to 58.75): VU034868.D (-379) (-)

1000

800

600

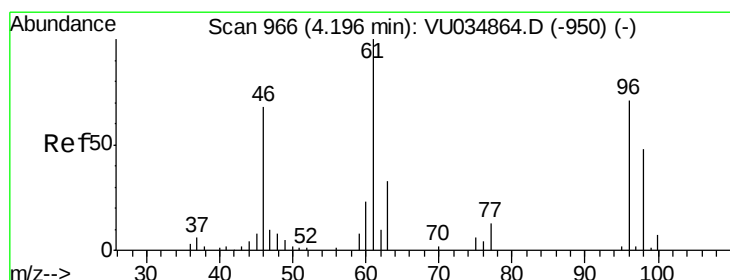
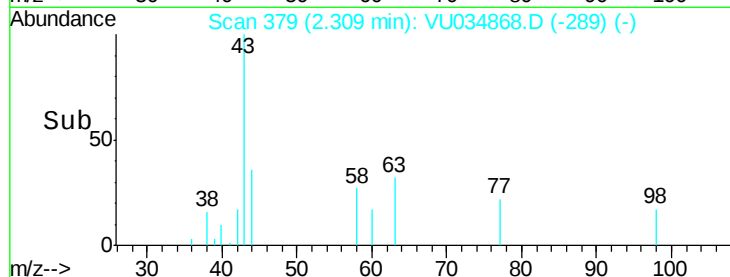
400

200

0

2.30 2.35

Time-->



#22

cis-1,2-Dichloroethene

Concen: 1.413 ug/L

RT: 4.20 min Scan# 966

Delta R.T. -0.00 min

Lab File: VU034868.D

Acq: 27 Sep 2019 12:24

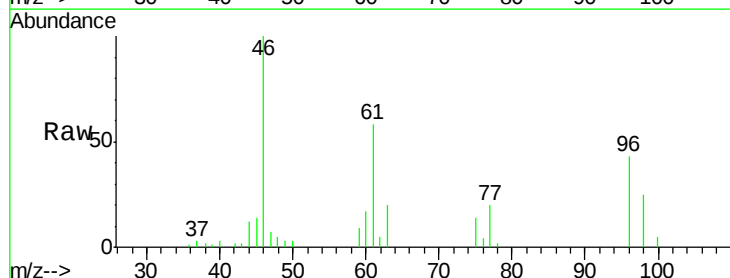
Tgt Ion: 96 Resp: 8617

Ion Ratio Lower Upper

96 100

61 134.7 100.0 185.8

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU034868.D (-966) (-)

Ion 61.05 (60.75 to 61.75): VU034868.D (-966) (-)

Ion 68.15 (67.85 to 68.85): VU034868.D (-966) (-)

6000

5000

4000

3000

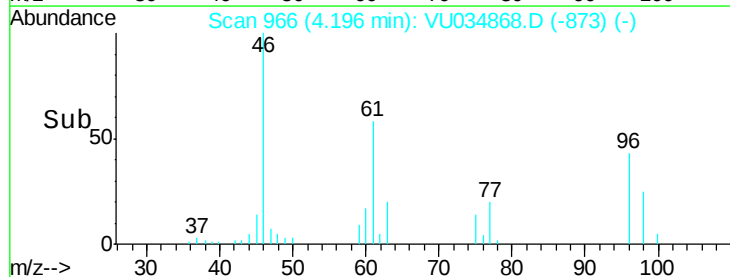
2000

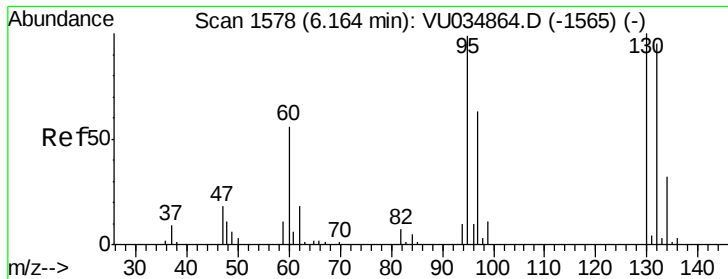
1000

0

4.10 4.15 4.20 4.25 4.30

Time-->

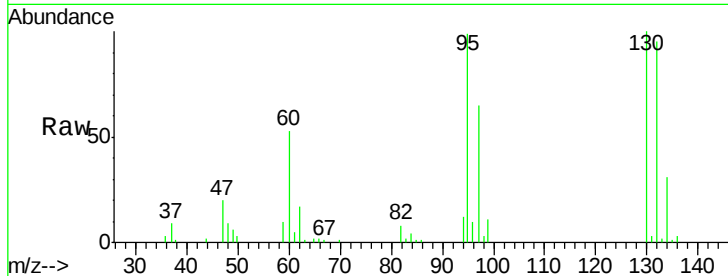




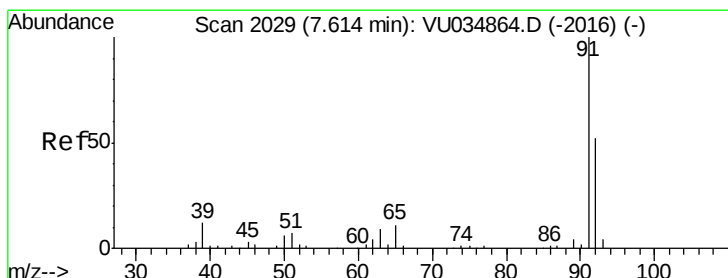
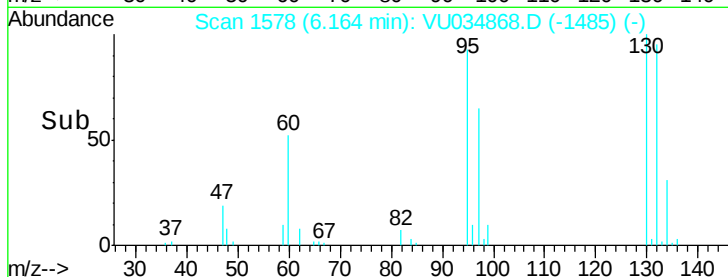
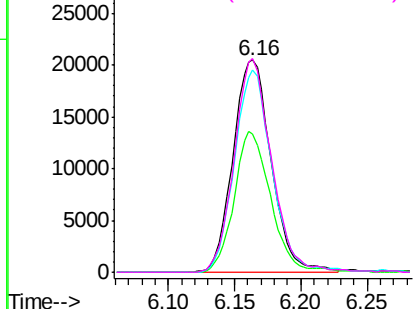
#34
 Trichloroethene
 Concen: 7.176 ug/L
 RT: 6.16 min Scan# 1578
 Delta R.T. -0.00 min
 Lab File: VU034868.D
 Acq: 27 Sep 2019 12:24

Instrument :
 MSVOA_U
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 CWK37DL

Tot Ion: 95 Resp: 40984
 Ion Ratio Lower Upper
 95 100
 97 65.0 45.2 84.0
 132 95.6 60.9 113.1
 130 100.7 64.3 119.3

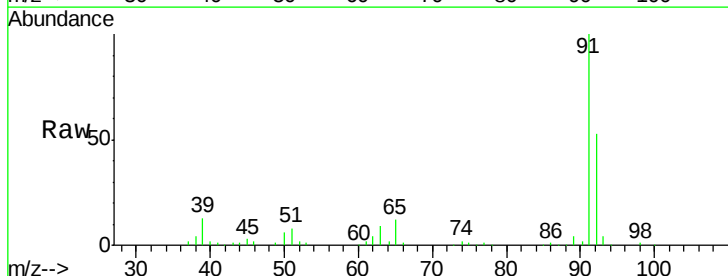


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 96.95 (96.65 to 97.65): VU0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

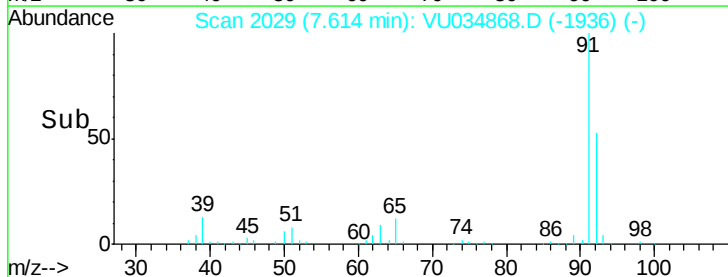
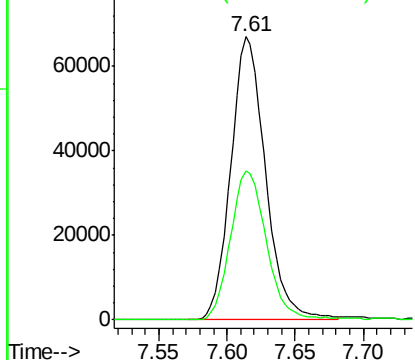


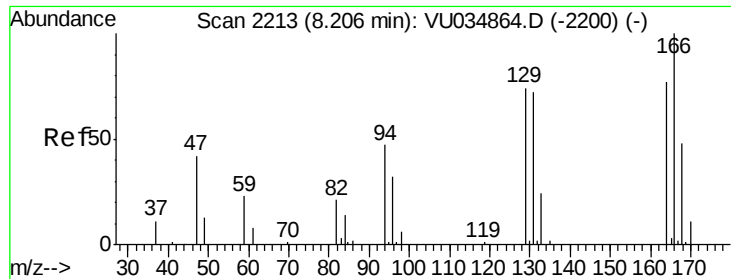
#42
 Toluene
 Concen: 4.780 ug/L
 RT: 7.61 min Scan# 2029
 Delta R.T. -0.00 min
 Lab File: VU034868.D
 Acq: 27 Sep 2019 12:24

Tgt Ion: 91 Resp: 118342
 Ion Ratio Lower Upper
 91 100
 92 52.5 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VU0
 Ion 92.15 (91.85 to 92.85): VU0





#47

Tetrachloroethene

Concen: 0.257 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.00 min

Lab File: VU034868.D

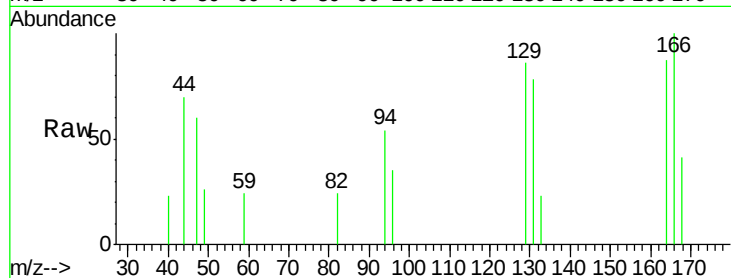
Acq: 27 Sep 2019 12:24

Instrument :

MSVOA_U

ClientSampleId :

CWK37DL



Tot Ion:164 Resp: 889

Ion Ratio Lower Upper

164 100

129 98.2 73.6 136.8

131 89.1 73.4 136.4

166 114.4 90.6 168.3

Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

