

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080418\
 Data File : VU025837.D
 Acq On : 03 Aug 2018 22:41
 Operator : MD/SY
 Sample : J4340-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 E5F77

Quant Time: Aug 04 00:59:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM072018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 03 23:51:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	309936	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	287055	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	129042	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	79117	44.71	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	89.42%
7) Chloroethane-d5	1.68	69	66438	45.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.04%
11) 1,1-Dichloroethene-d2	2.27	63	122603	33.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.56%
21) 2-Butanone-d5	4.18	46	142988	104.68	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.68%
24) Chloroform-d	4.65	84	183947	46.67	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.34%
26) 1,2-Dichloroethane-d4	5.31	65	126599	48.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.14%
32) Benzene-d6	5.35	84	348414	47.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.64%
36) 1,2-Dichloropropane-d6	6.34	67	113582	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.76%
41) Toluene-d8	7.57	98	316831	44.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.76%
43) trans-1,3-Dichloropropene-	7.85	79	54955	45.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.70%
47) 2-Hexanone-d5	8.31	63	100225	100.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.90%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	153655	46.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	121926	46.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.24%

Target Compounds

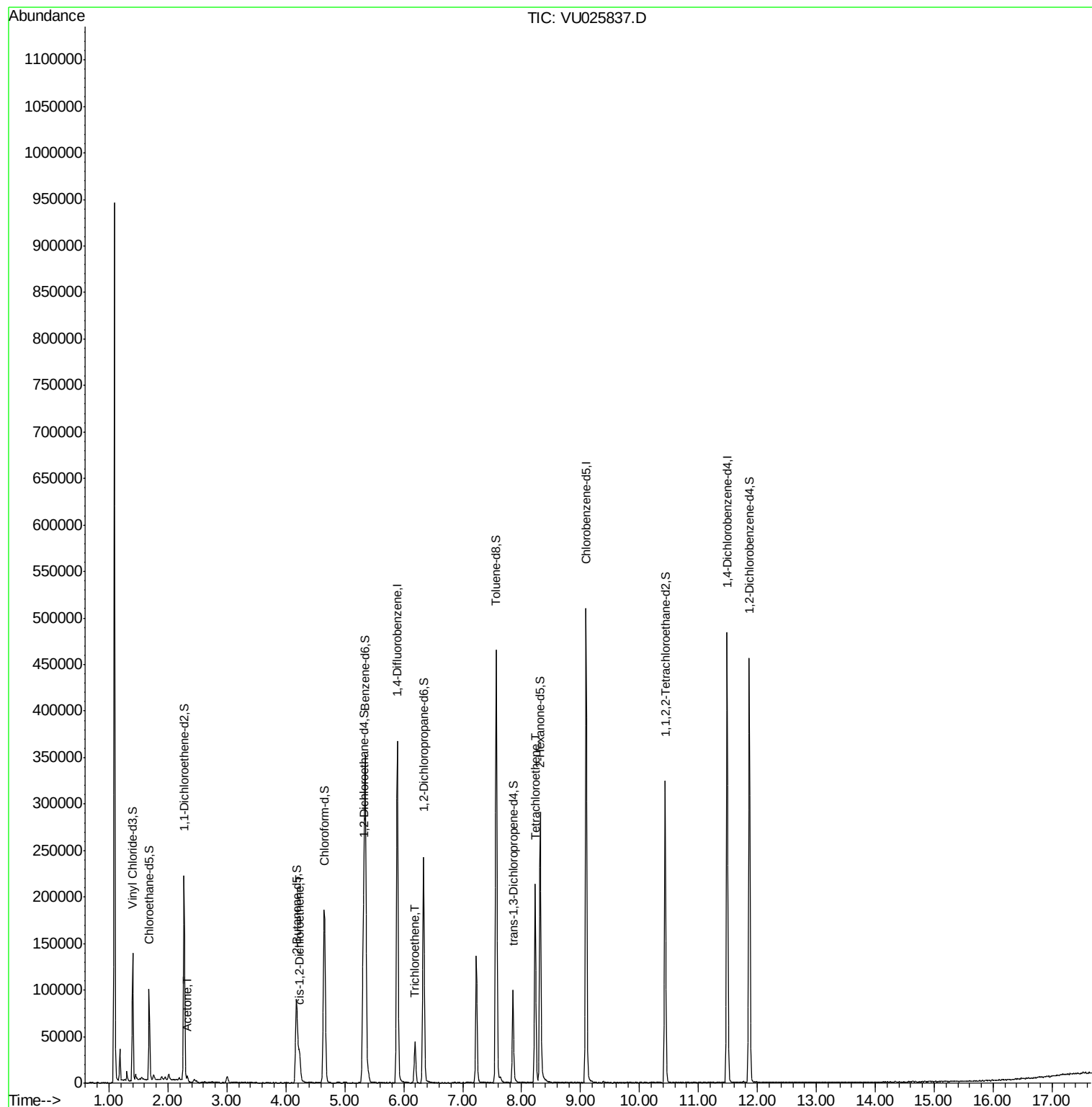
					Ovalue
13) Acetone	2.33	43	4632	2.89 ug/L	93
20) cis-1,2-Dichloroethene	4.23	96	15772	6.94 ug/L	99
34) Trichloroethene	6.19	95	14866	6.79 ug/L	89
46) Tetrachloroethene	8.23	164	47223	24.89 ug/L	96

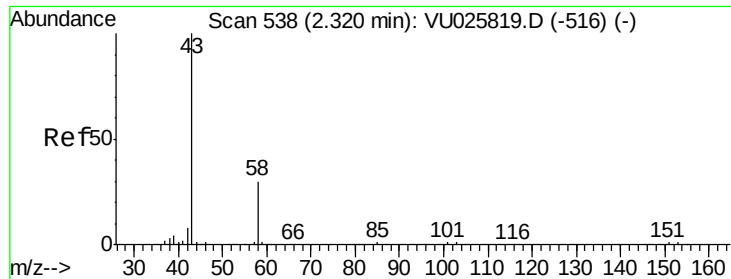
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.89 ug/L

RT: 2.33 min Scan# 540

Delta R.T. 0.01 min

Lab File: VU025837.D

Acq: 03 Aug 2018 22:41

Instrument :

MSVOA_U

ClientSampled :

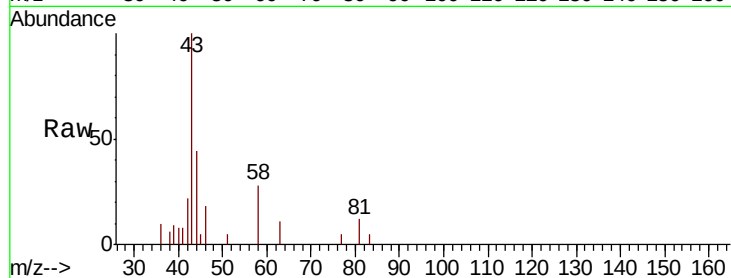
E5F77

Tot Ion: 43 Resp: 4632

Ion Ratio Lower Upper

43 100

58 26.8 0.0 61.2



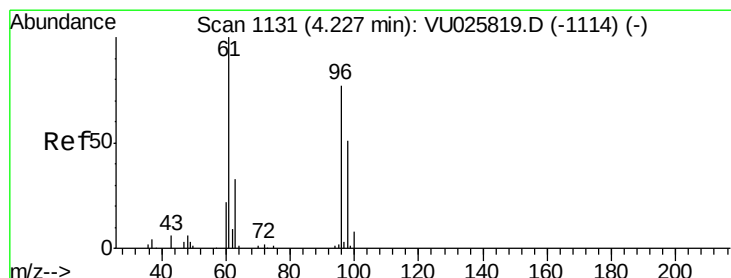
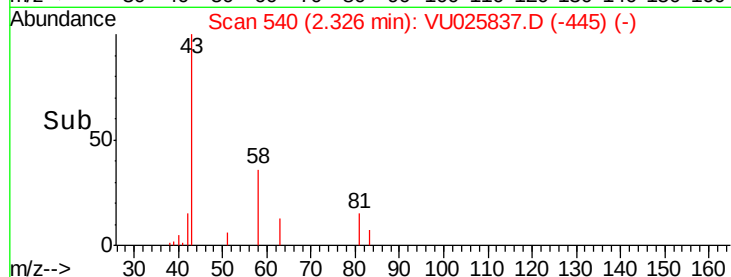
Abundance Ion 43.00 (42.70 to 43.70): VU025819.D (-516) (-)

Ion 58.00 (57.70 to 58.70): VU025819.D (-516) (-)

2.33

2.30 2.35

Time-->



#20

cis-1,2-Dichloroethene

Concen: 6.94 ug/L

RT: 4.23 min Scan# 1133

Delta R.T. 0.01 min

Lab File: VU025837.D

Acq: 03 Aug 2018 22:41

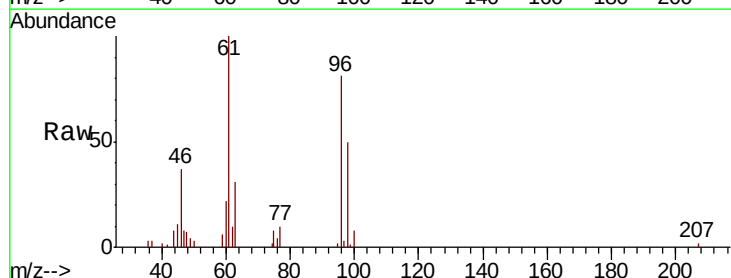
Tgt Ion: 96 Resp: 15772

Ion Ratio Lower Upper

96 100

61 124.2 87.4 162.2

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU025819.D (-1114) (-)

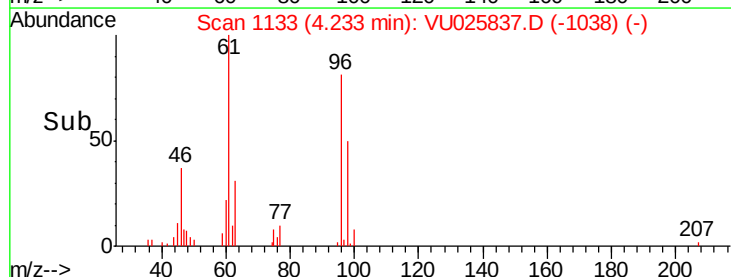
Ion 61.00 (60.70 to 61.70): VU025819.D (-1114) (-)

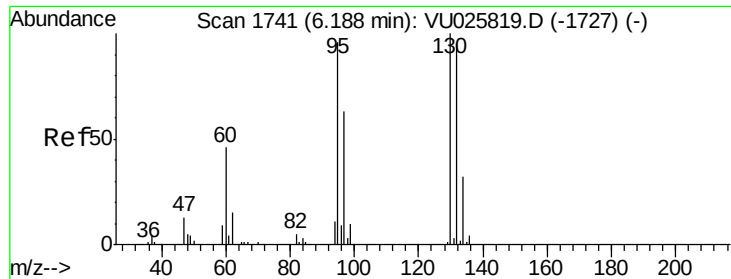
Ion 68.00 (67.70 to 68.70): VU025819.D (-1114) (-)

4.23

4.15 4.20 4.25 4.30

Time-->





#34

Trichloroethene

Concen: 6.79 ug/L

RT: 6.19 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VU025837.D

Acq: 03 Aug 2018 22:41

Instrument :

MSVOA_U

ClientSampleId :

E5F77

Tot Ion: 95 Resp: 14866

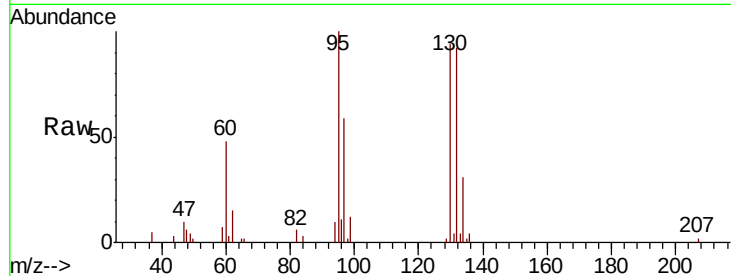
Ion Ratio Lower Upper

95 100

97 59.0 45.9 85.3

132 91.5 72.2 134.2

130 94.4 74.9 139.1

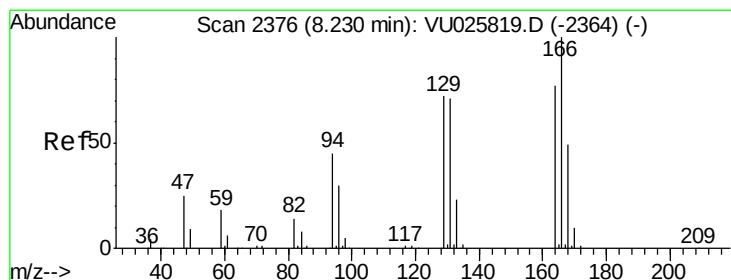
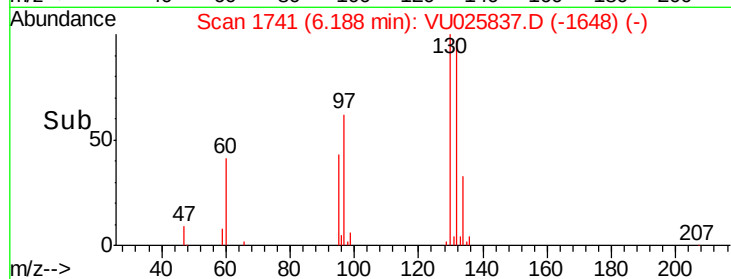
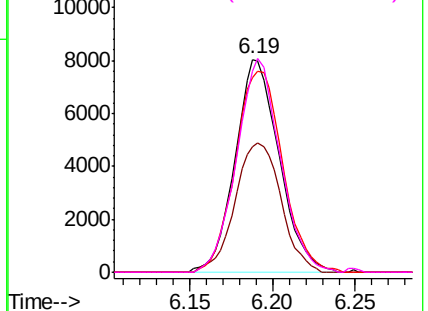


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 24.89 ug/L

RT: 8.23 min Scan# 2376

Delta R.T. -0.00 min

Lab File: VU025837.D

Acq: 03 Aug 2018 22:41

Tgt Ion:164 Resp: 47223

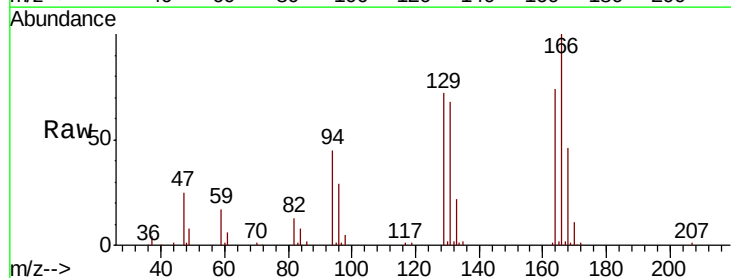
Ion Ratio Lower Upper

164 100

129 96.1 65.1 120.9

131 91.9 62.8 116.6

166 134.2 89.7 166.7



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

