

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032613.D
 Acq On : 11 Jun 2019 16:35
 Operator : JC/SP
 Sample : K3292-08
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8P9

Quant Time: Jun 12 07:41:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 12 07:28:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	168730	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	156694	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	79741	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43624	39.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.70%
7) Chloroethane-d5	1.68	69	38495	43.76	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	87.52%
11) 1,1-Dichloroethene-d2	2.27	63	67374	31.43	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	62.86%
21) 2-Butanone-d5	4.17	46	90099	98.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.35%
24) Chloroform-d	4.64	84	95821	46.93	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.86%
26) 1,2-Dichloroethane-d4	5.30	65	63520	49.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.78%
32) Benzene-d6	5.33	84	190390	46.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.32	67	61866	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.00%
41) Toluene-d8	7.56	98	170919	44.31	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.62%
43) trans-1,3-Dichloropropene-	7.85	79	27720	45.41	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.82%
47) 2-Hexanone-d5	8.31	63	48466	78.33	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.33%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	91280	49.39	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.78%
64) 1,2-Dichlorobenzene-d4	11.85	152	75701	49.56	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.12%

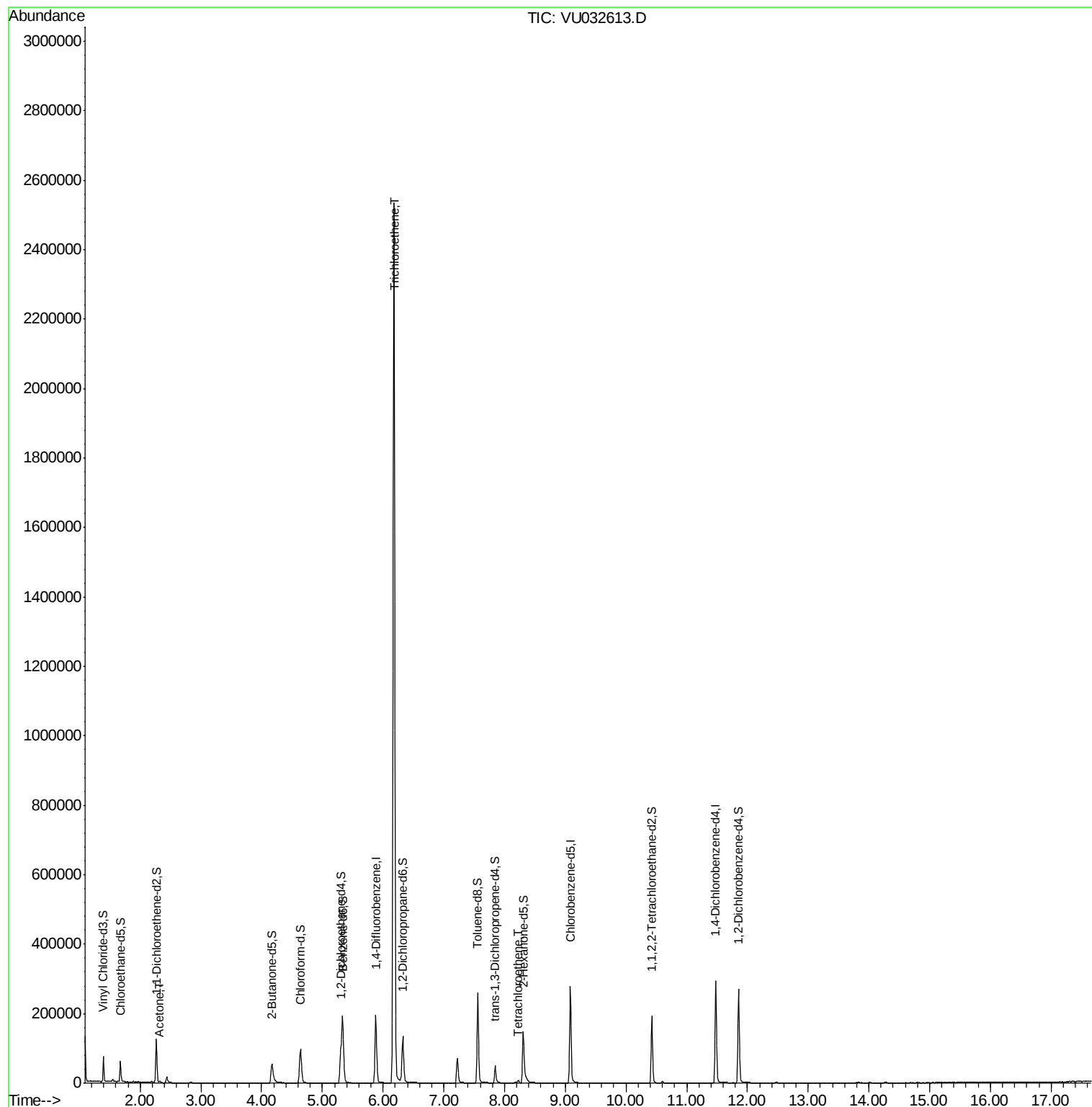
Target Compounds					Ovalue
13) Acetone	2.32	43	3758	3.976 ug/L	92
34) Trichloroethene	6.18	95	835996	697.952 ug/L	97
46) Tetrachloroethene	8.22	164	1677	1.695 ug/L	97

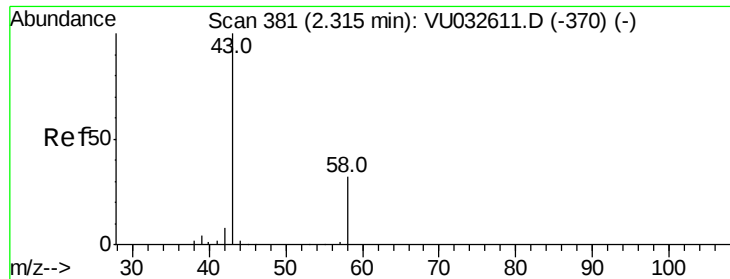
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.976 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

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ClientSampleId :

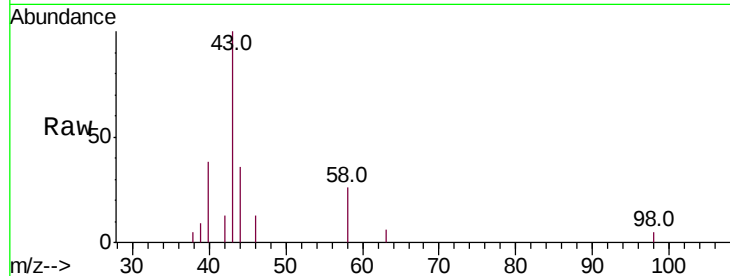
DB8P9

Tot Ion: 43 Resp: 3758

Ion Ratio Lower Upper

43 100

58 27.3 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032611.D (-370) (-)

Ion 58.00 (57.70 to 58.70): VU032611.D (-370) (-)

2.32

2500

2000

1500

1000

500

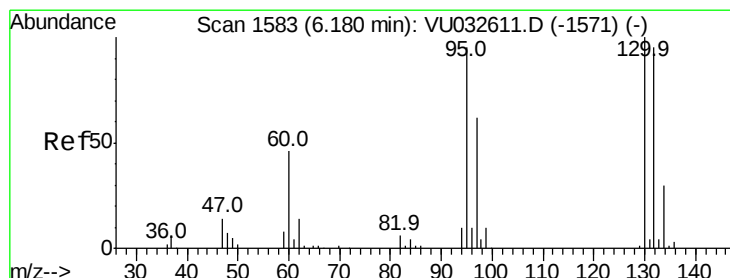
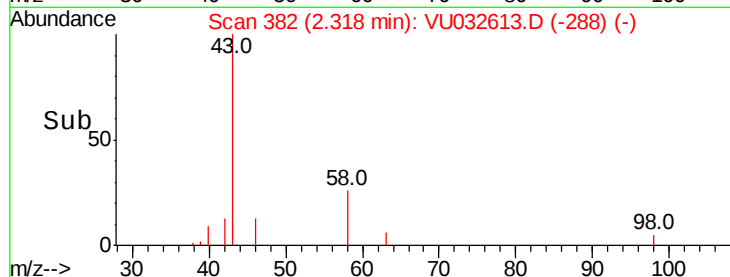
0

Time-->

2.25

2.30

2.35



#34

Trichloroethene

Concen: 697.952 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

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Tgt Ion: 95 Resp: 835996

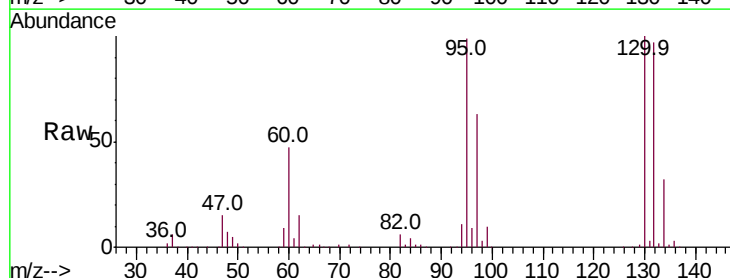
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.2

132 98.4 71.0 131.8

130 101.0 73.4 136.2



Abundance Ion 95.00 (94.70 to 95.70): VU032611.D (-1571) (-)

Ion 97.00 (96.70 to 97.70): VU032611.D (-1571) (-)

Ion 132.00 (131.70 to 132.70): VU032611.D (-1571) (-)

Ion 130.00 (129.70 to 130.70): VU032611.D (-1571) (-)

600000

400000

200000

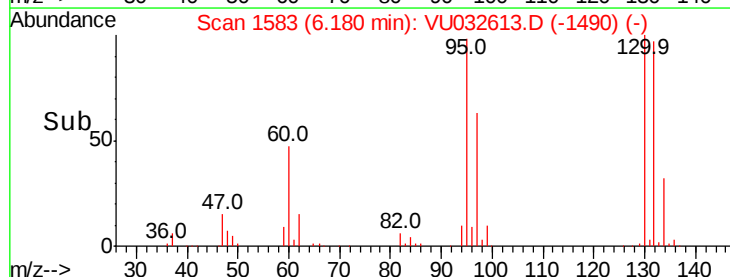
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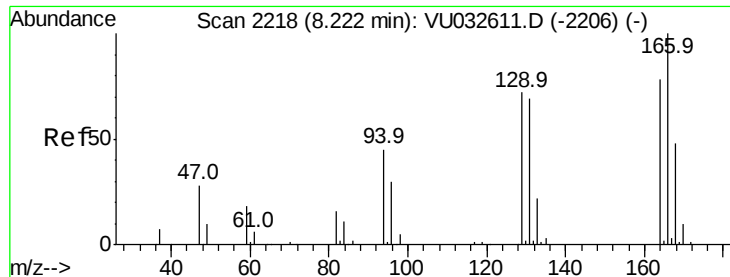
Time-->

6.10

6.20

6.30





#46

Tetrachloroethene

Concen: 1.695 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032613.D

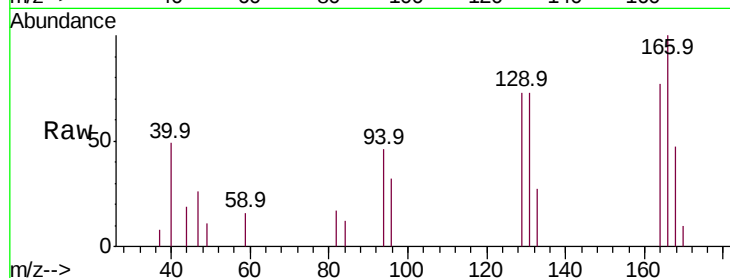
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Tot Ion:164 Resp: 1677

Ion Ratio Lower Upper

164 100

129 94.8 65.3 121.3

131 94.8 64.0 119.0

166 130.4 88.8 165.0

Abundance Ion 164.00 (163.70 to 164.70): V

2000 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

