

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082918\
 Data File : VU026430.D
 Acq On : 29 Aug 2018 18:37
 Operator : MD/SY
 Sample : J4691-02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BEDZ9

Quant Time: Aug 30 02:45:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082918WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Aug 30 02:20:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	150757	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150195	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	71521	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	43493	46.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	93.12%
7) Chloroethane-d5	1.68	69	41083	48.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	2.27	63	72168	34.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	68.62%
21) 2-Butanone-d5	4.18	46	71630	98.81	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	98.81%
24) Chloroform-d	4.65	84	83205	47.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.32%
26) 1,2-Dichloroethane-d4	5.31	65	58212	49.56	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.12%
32) Benzene-d6	5.35	84	168256	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.33	67	57045	47.97	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	95.94%
41) Toluene-d8	7.57	98	159781	47.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.62%
43) trans-1,3-Dichloropropene-	7.85	79	26164	48.18	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	96.36%
47) 2-Hexanone-d5	8.31	63	55820	102.34	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	78708	44.92	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	89.84%
64) 1,2-Dichlorobenzene-d4	11.86	152	67321	51.88	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.76%

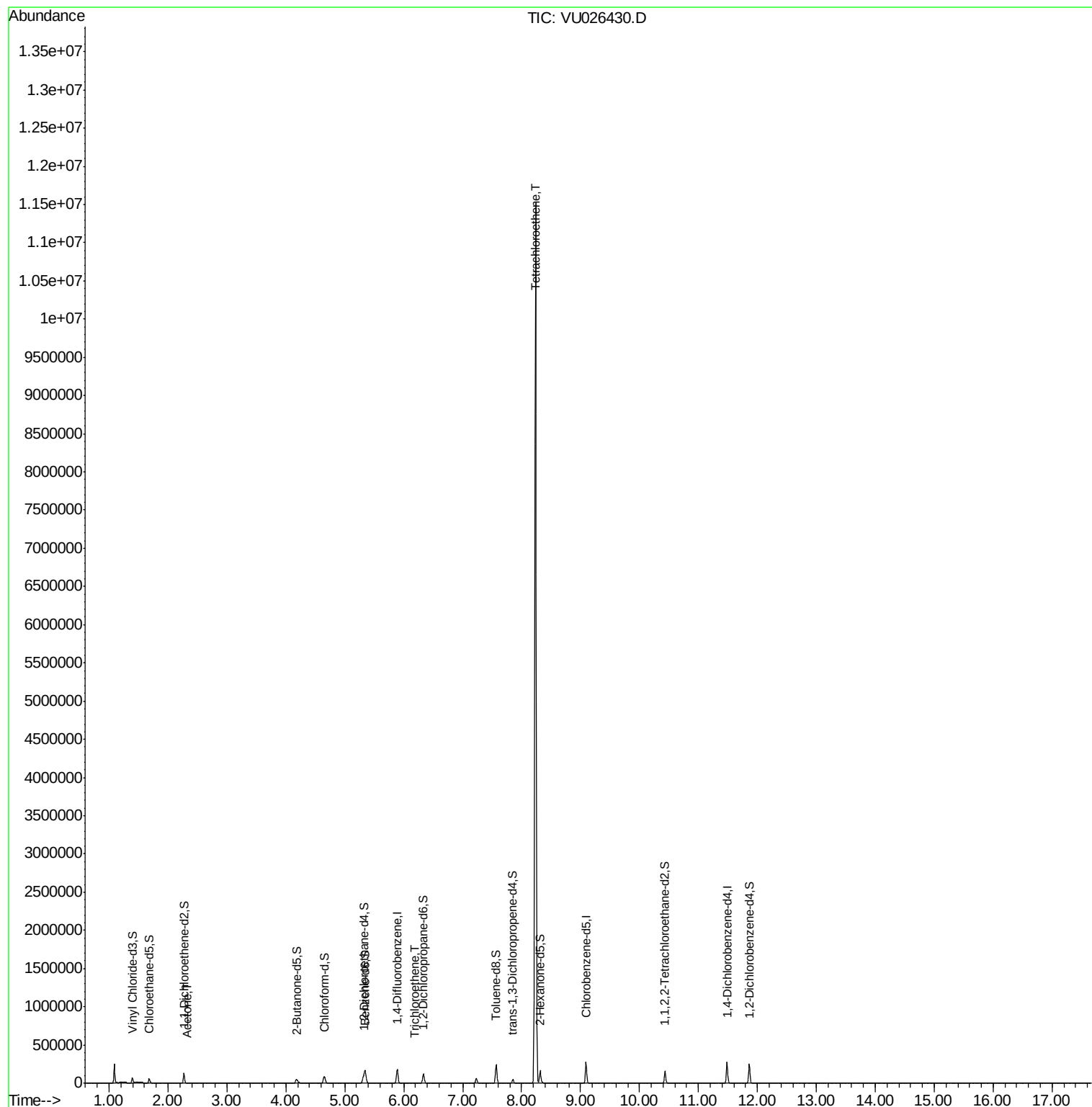
Target Compounds						Ovalue
13) Acetone	2.32	43	4405	7.02	ug/L	98
34) Trichloroethene	6.19	95	2039	1.89	ug/L	90
46) Tetrachloroethene	8.24	164	2428240	2749.89	ug/L	99

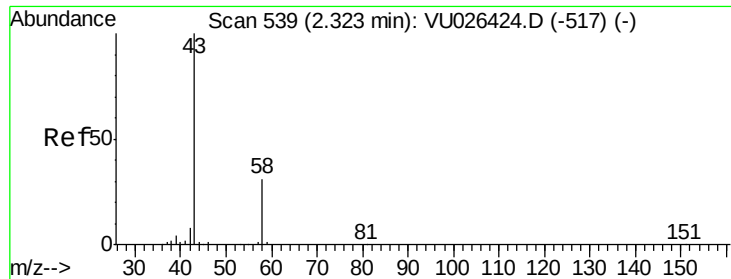
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 7.02 ug/L

RT: 2.32 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU026430.D

Acq: 29 Aug 2018 18:37

Instrument :

MSVOA_U

ClientSampled :

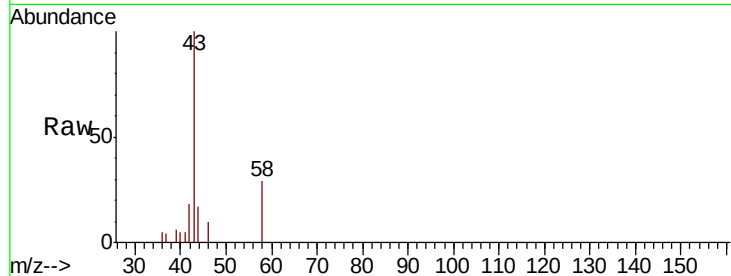
BEDZ9

Tot Ion: 43 Resp: 4405

Ion Ratio Lower Upper

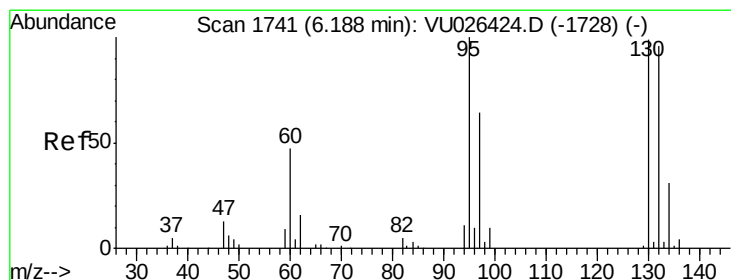
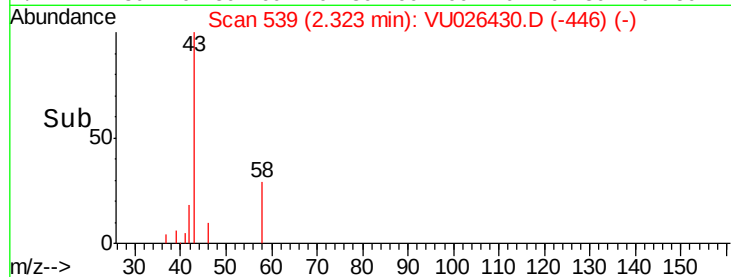
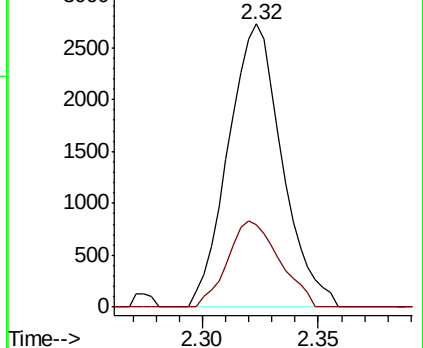
43 100

58 29.3 0.0 61.2



Abundance Ion 43.00 (42.70 to 43.70): VU026430.D (-446) (-)

Ion 58.00 (57.70 to 58.70): VU026430.D (-446) (-)



#34

Trichloroethene

Concen: 1.89 ug/L

RT: 6.19 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VU026430.D

Acq: 29 Aug 2018 18:37

Tgt Ion: 95 Resp: 2039

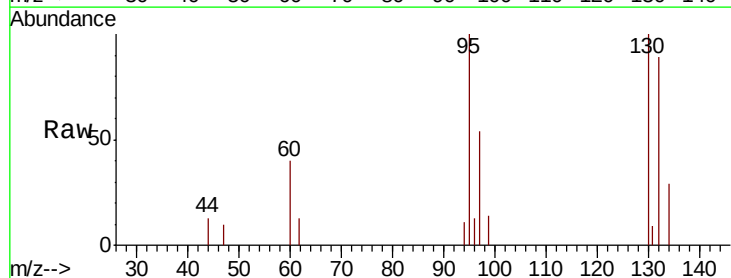
Ion Ratio Lower Upper

95 100

97 54.0 45.1 83.7

132 89.0 67.5 125.3

130 108.8 69.3 128.7

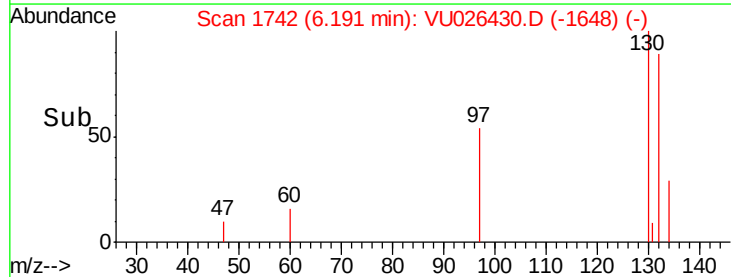
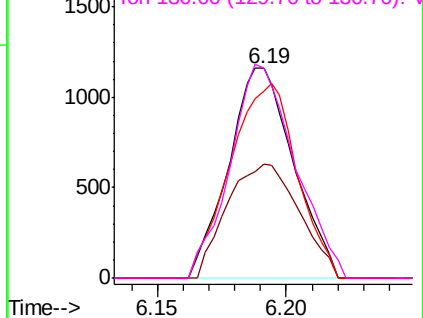


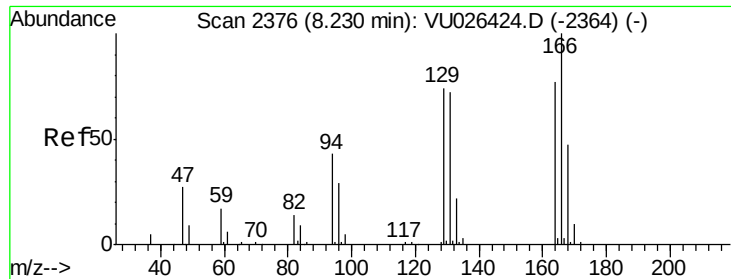
Abundance Ion 95.00 (94.70 to 95.70): VU026430.D (-1648) (-)

Ion 97.00 (96.70 to 97.70): VU026430.D (-1648) (-)

Ion 132.00 (131.70 to 132.70): VU026430.D (-1648) (-)

Ion 130.00 (129.70 to 130.70): VU026430.D (-1648) (-)





#46

Tetrachloroethene

Concen: 2749.89 ug/L

RT: 8.24 min Scan# 2378

Delta R.T. 0.01 min

Lab File: VU026430.D

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Instrument :

MSVOA_U

ClientSampleId :

BEDZ9

Tot Ion:164 Resp: 2428240

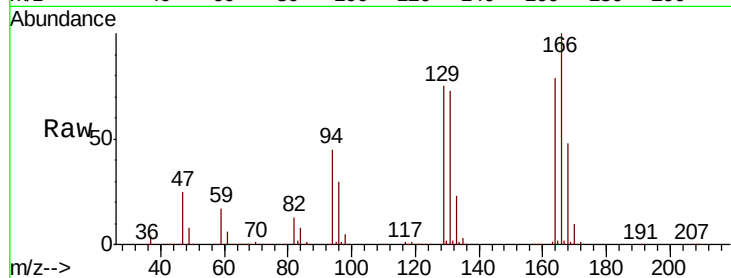
Ion Ratio Lower Upper

164 100

129 95.7 67.3 125.1

131 92.3 65.3 121.3

166 127.1 90.9 168.7



Abundance Ion 164.00 (163.70 to 164.70): V

3000000 Ion 129.00 (128.70 to 129.70): V

2500000 Ion 131.00 (130.70 to 131.70): V

2000000 Ion 166.00 (165.70 to 166.70): V

