

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\
 Data File : VU032630.D
 Acq On : 11 Jun 2019 23:05
 Operator : JC/SP
 Sample : K3293-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8R2

Quant Time: Jun 12 08:38:03 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	163748	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	157527	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	76412	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41111	38.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.40%
7) Chloroethane-d5	1.68	69	37684	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.27	63	66545	31.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	63.98%
21) 2-Butanone-d5	4.17	46	92474	104.01	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.01%
24) Chloroform-d	4.64	84	96295	48.60	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	5.30	65	65613	52.57	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.14%
32) Benzene-d6	5.33	84	188414	46.07	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.14%
36) 1,2-Dichloropropane-d6	6.33	67	63028	49.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.30%
41) Toluene-d8	7.56	98	171575	44.25	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	88.50%
43) trans-1,3-Dichloropropene-	7.85	79	27526	44.85	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.70%
47) 2-Hexanone-d5	8.31	63	50965	81.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.94%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	93917	50.55	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	101.10%
64) 1,2-Dichlorobenzene-d4	11.85	152	72826	49.76	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.52%

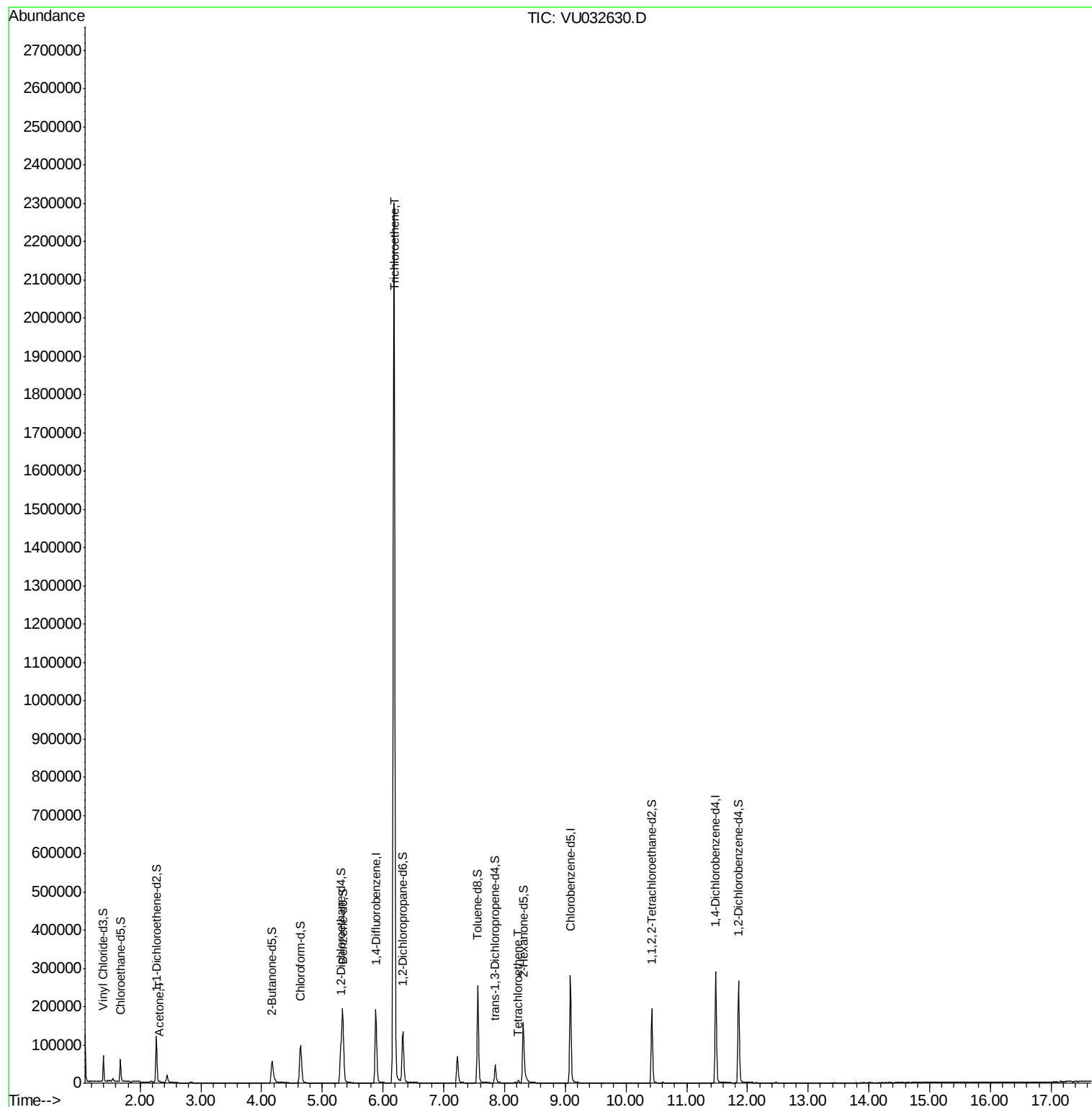
Target Compounds					Ovalue
13) Acetone	2.32	43	4017	4.379 ug/L	99
34) Trichloroethene	6.18	95	761311	632.238 ug/L	98
46) Tetrachloroethene	8.22	164	1572	1.581 ug/L	89

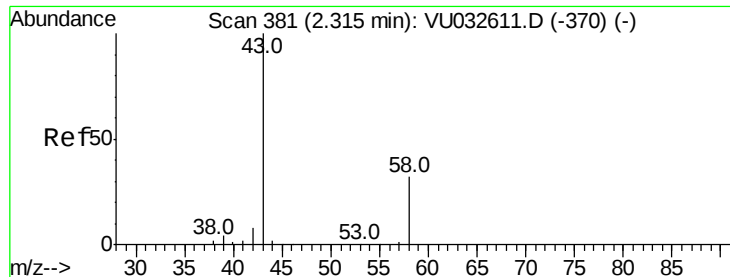
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.379 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032630.D

Acq: 11 Jun 2019 23:05

Instrument :

MSVOA_U

ClientSampled :

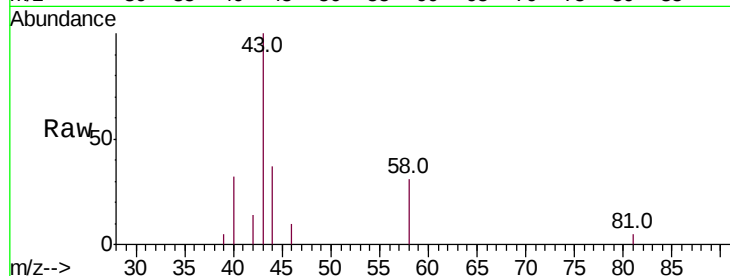
DB8R2

Tot Ion: 43 Resp: 4017

Ion Ratio Lower Upper

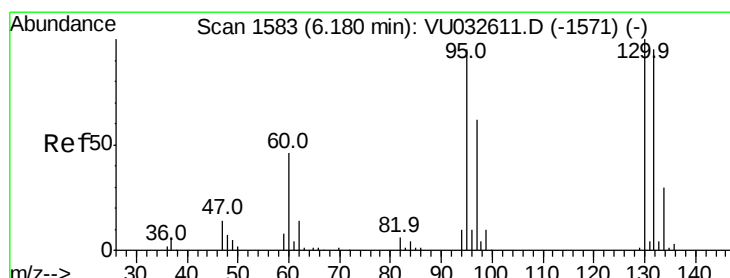
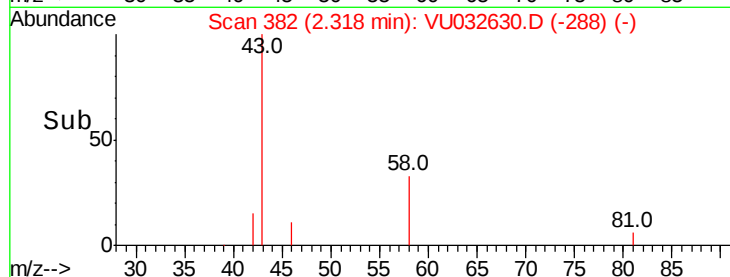
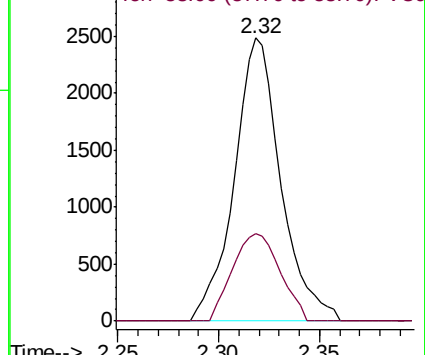
43 100

58 31.6 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) (-)



#34

Trichloroethene

Concen: 632.238 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032630.D

Acq: 11 Jun 2019 23:05

Tgt Ion: 95 Resp: 761311

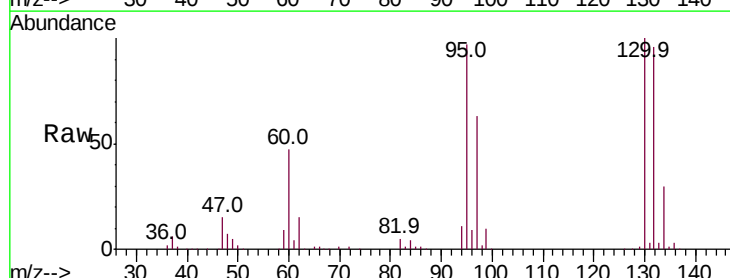
Ion Ratio Lower Upper

95 100

97 64.5 45.8 85.2

132 98.2 71.0 131.8

130 102.7 73.4 136.2

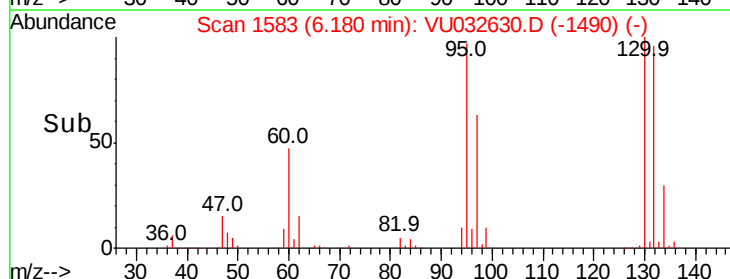
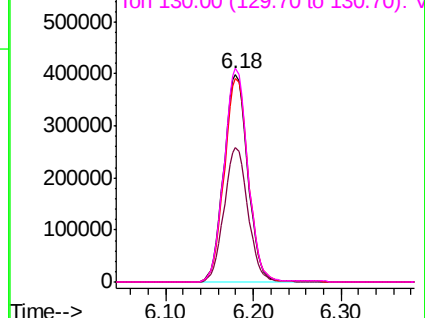


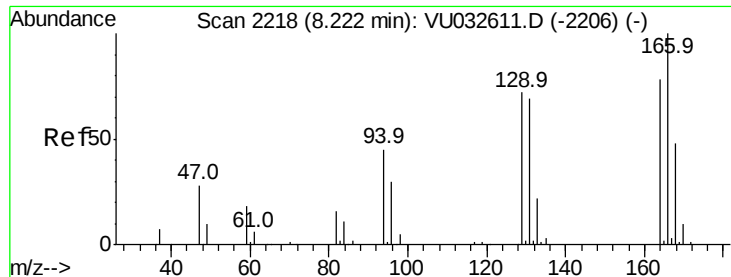
Abundance Ion 95.00 (94.70 to 95.70): VU032611.D (-1571) (-)

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) (-)





#46

Tetrachloroethene

Concen: 1.581 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032630.D

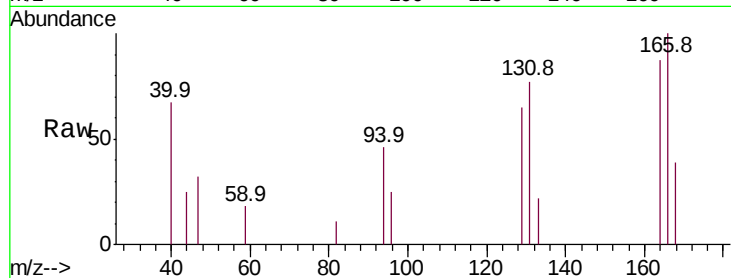
Acq: 11 Jun 2019 23:05

Instrument :

MSVOA_U

ClientSampleId :

DB8R2



Tot Ion:164 Resp: 1572

Ion Ratio Lower Upper

164 100

129 74.1 65.3 121.3

131 88.6 64.0 119.0

166 114.4 88.8 165.0

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

