

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032563.D
 Acq On : 10 Jun 2019 14:05
 Operator : JC/SP
 Sample : K3277-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B1

Quant Time: Jun 11 05:27:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM060619WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 11 04:40:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	200445	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188013	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	94053	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64955	49.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	99.90%
7) Chloroethane-d5	1.68	69	52815	50.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	101.08%
11) 1,1-Dichloroethene-d2	2.27	63	96741	37.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.98%
21) 2-Butanone-d5	4.17	46	103304	94.92	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.92%
24) Chloroform-d	4.64	84	119180	49.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.28%
26) 1,2-Dichloroethane-d4	5.30	65	78863	51.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.22%
32) Benzene-d6	5.33	84	248274	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.74%
36) 1,2-Dichloropropane-d6	6.32	67	78777	51.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	102.94%
41) Toluene-d8	7.56	98	235304	50.84	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.68%
43) trans-1,3-Dichloropropene-	7.85	79	38014	51.90	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	103.80%
47) 2-Hexanone-d5	8.31	63	69007	92.95	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.95%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	107117	48.30	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	96.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	93663	51.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.98%

Target Compounds

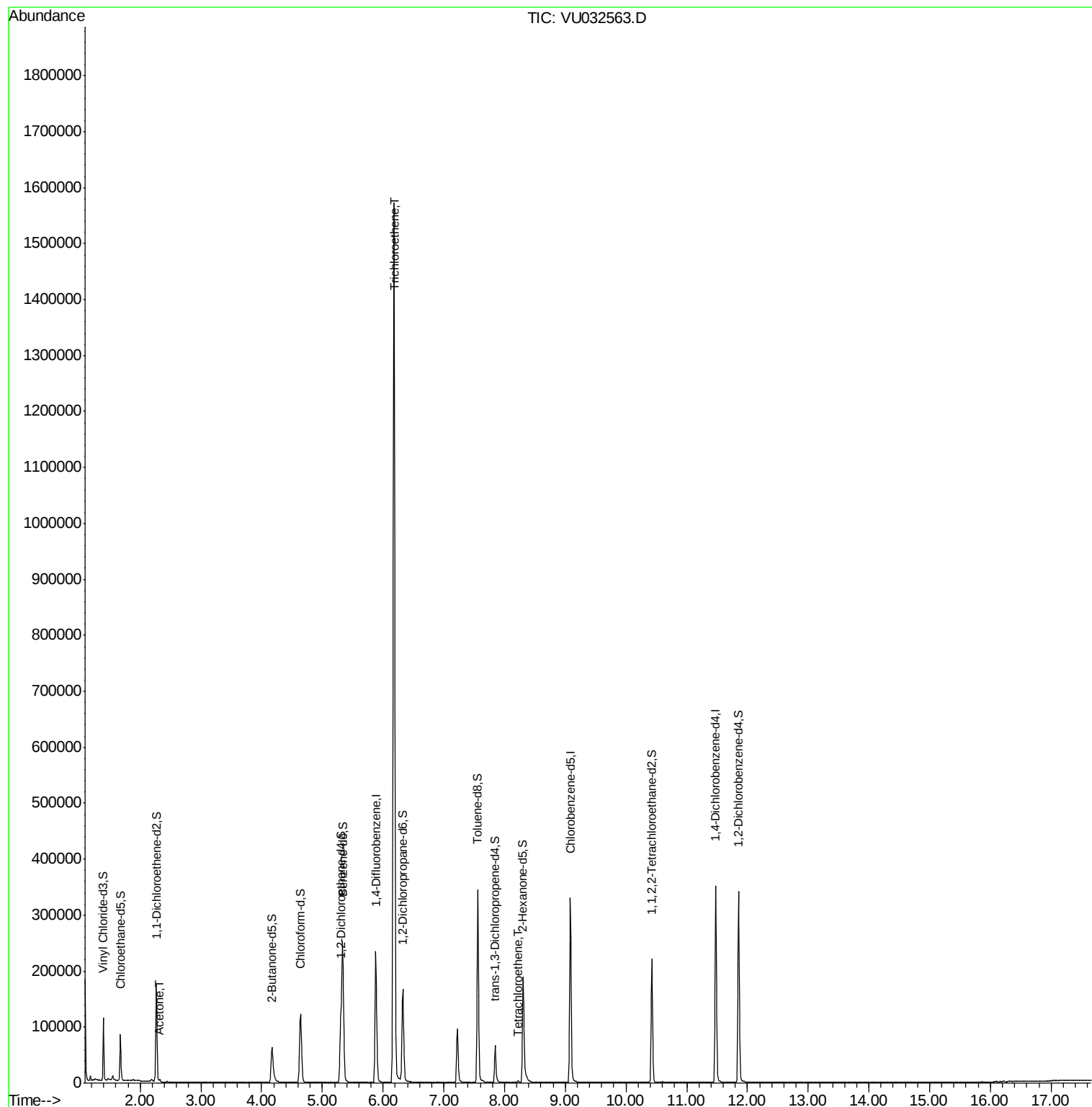
					Ovalue
13) Acetone	2.32	43	3666	3.265 ug/L	94
34) Trichloroethene	6.18	95	520360	362.067 ug/L	99
46) Tetrachloroethene	8.22	164	871	0.734 ug/L	92

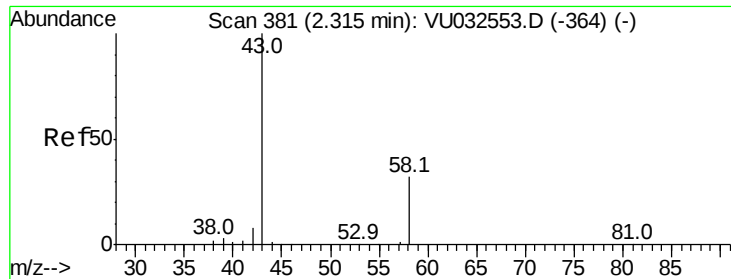
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.265 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

Instrument :

MSVOA_U

ClientSampleId :

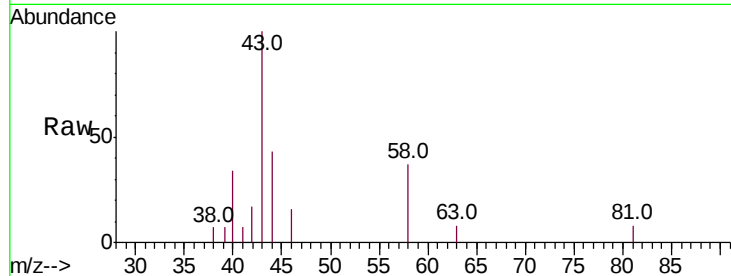
DB8B1

Tot Ion: 43 Resp: 3666

Ion Ratio Lower Upper

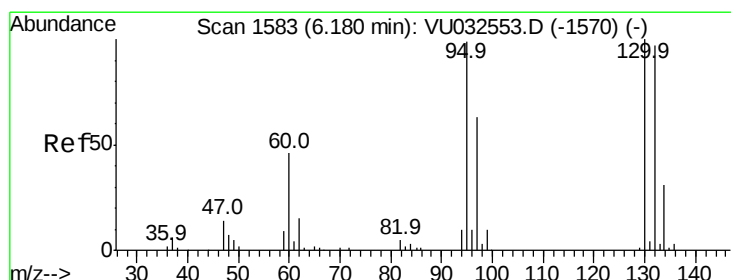
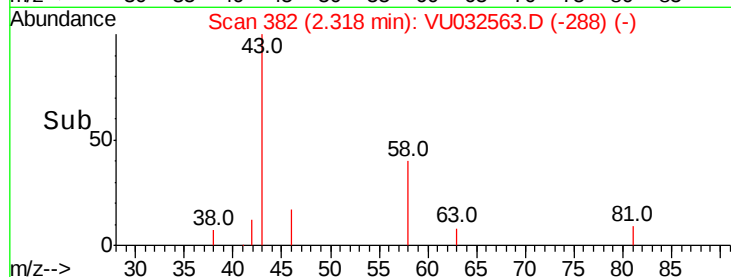
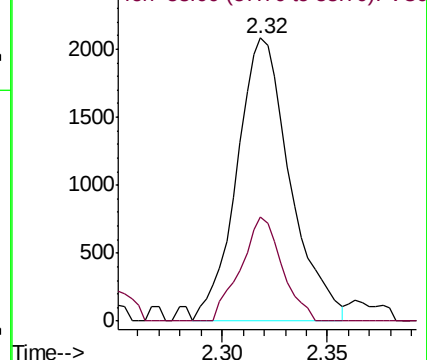
43 100

58 28.6 0.0 64.0



Abundance Ion 43.00 (42.70 to 43.70): VU032553.D (-364) (-)

Ion 58.00 (57.70 to 58.70): VU032553.D (-364) (-)



#34

Trichloroethene

Concen: 362.067 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032563.D

Acq: 10 Jun 2019 14:05

Tgt Ion: 95 Resp: 520360

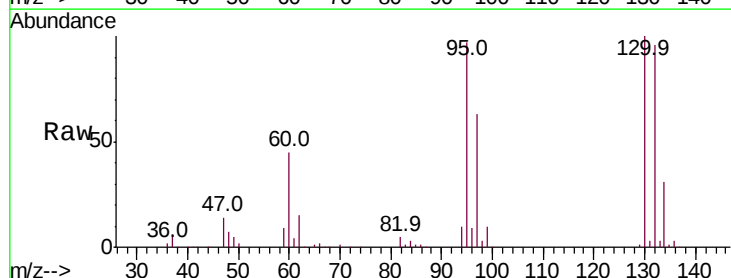
Ion Ratio Lower Upper

95 100

97 64.7 45.8 85.2

132 99.3 71.0 131.8

130 103.5 73.4 136.2

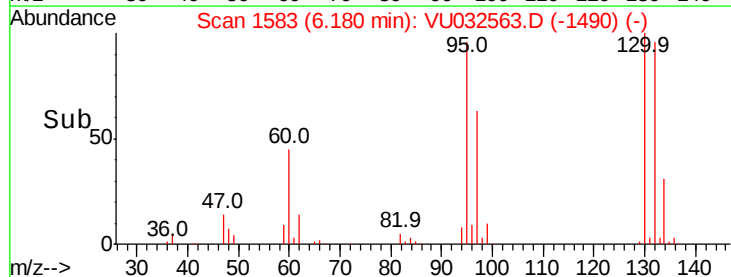
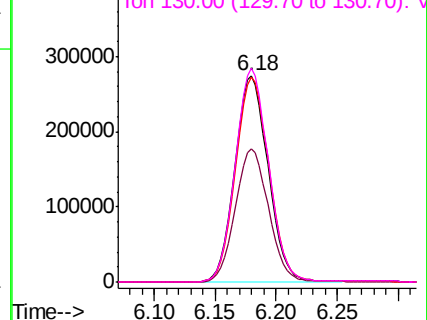


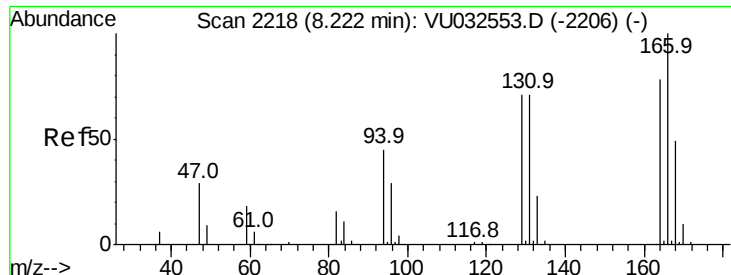
Abundance Ion 95.00 (94.70 to 95.70): VU032553.D (-1570) (-)

Ion 97.00 (96.70 to 97.70): VU032553.D (-1570) (-)

Ion 132.00 (131.70 to 132.70): VU032553.D (-1570) (-)

Ion 130.00 (129.70 to 130.70): VU032553.D (-1570) (-)





#46

Tetrachloroethene

Concen: 0.734 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032563.D

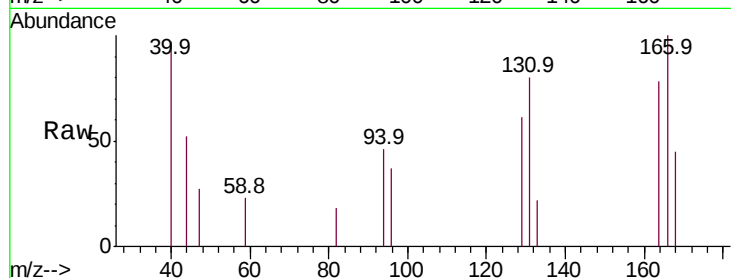
Acq: 10 Jun 2019 14:05

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MSVOA_U

ClientSampleId :

DB8B1



Tot Ion:164 Resp: 871

Ion Ratio Lower Upper

164 100

129 78.3 65.3 121.3

131 102.2 64.0 119.0

166 128.0 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

