

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061019\
 Data File : VU032567.D
 Acq On : 10 Jun 2019 15:37
 Operator : JC/SP
 Sample : K3277-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DB8B4

Quant Time: Jun 11 05:38:22 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	199097	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	182950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	95497	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	61840	47.87	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.74%
7) Chloroethane-d5	1.68	69	49696	47.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.76%
11) 1,1-Dichloroethene-d2	2.27	63	92549	36.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.18%
21) 2-Butanone-d5	4.17	46	125755	116.33	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.33%
24) Chloroform-d	4.64	84	115098	47.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.56%
26) 1,2-Dichloroethane-d4	5.30	65	75509	49.75	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.50%
32) Benzene-d6	5.33	84	239925	50.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.04%
36) 1,2-Dichloropropane-d6	6.32	67	75759	50.87	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	101.74%
41) Toluene-d8	7.56	98	222390	49.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	98.76%
43) trans-1,3-Dichloropropene-	7.85	79	36297	50.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	101.86%
47) 2-Hexanone-d5	8.31	63	80076	110.85	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	110.85%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	106329	49.27	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	98.54%
64) 1,2-Dichlorobenzene-d4	11.85	152	92942	50.81	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.62%

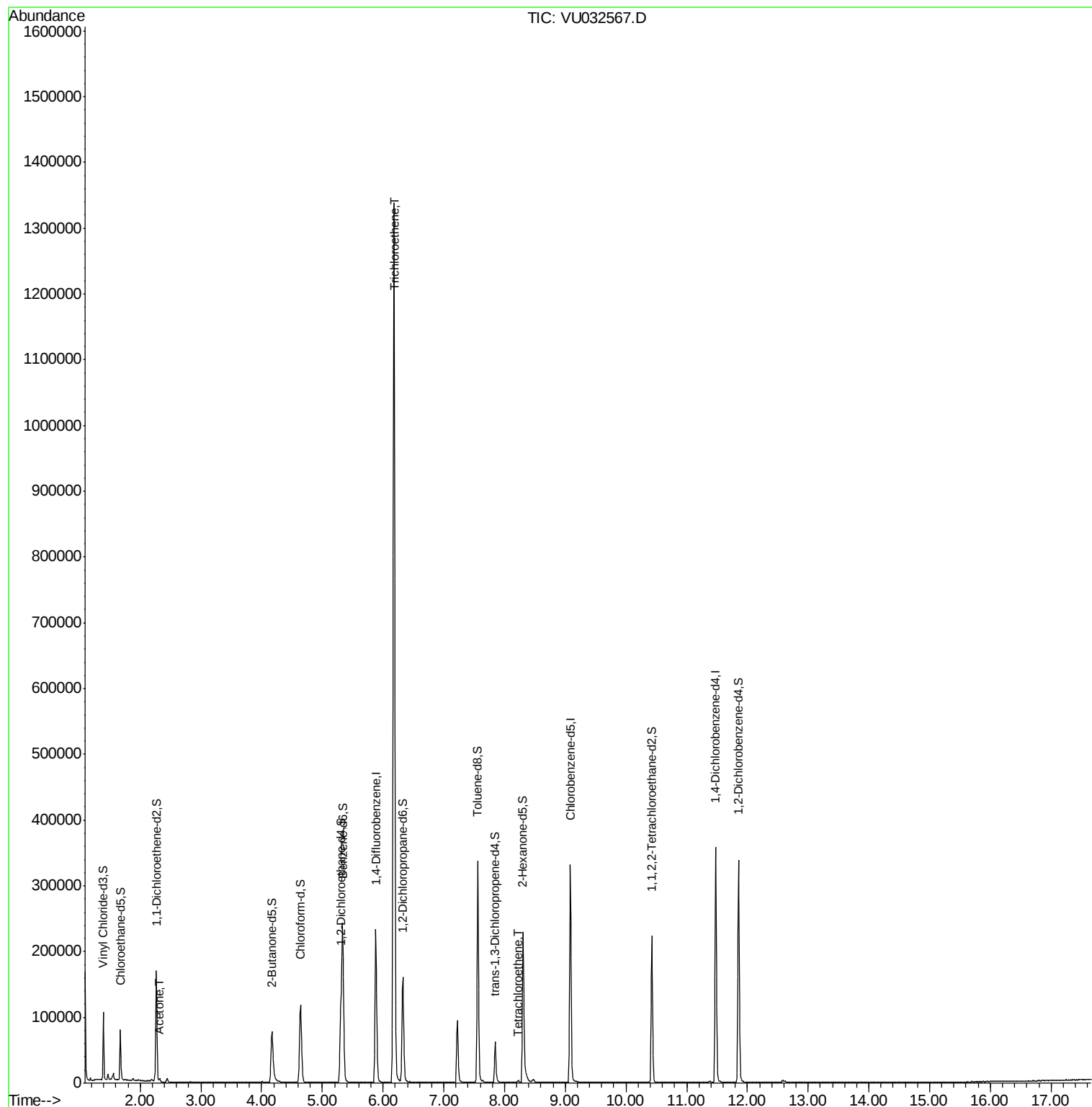
Target Compounds					Ovalue
13) Acetone	2.32	43	4969	4.455 ug/L	93
34) Trichloroethene	6.18	95	441225	315.501 ug/L	99
46) Tetrachloroethene	8.22	164	833	0.721 ug/L	96

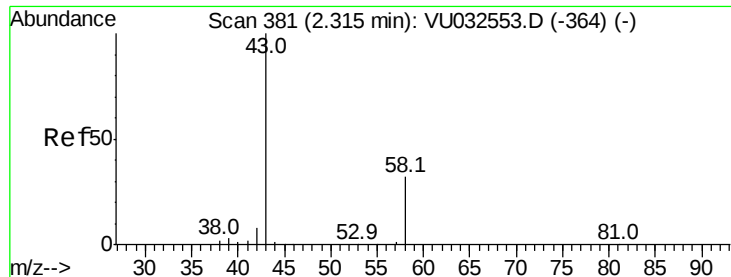
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.455 ug/L

RT: 2.32 min Scan# 382

Delta R.T. 0.00 min

Lab File: VU032567.D

Acq: 10 Jun 2019 15:37

Instrument :

MSVOA_U

ClientSampleId :

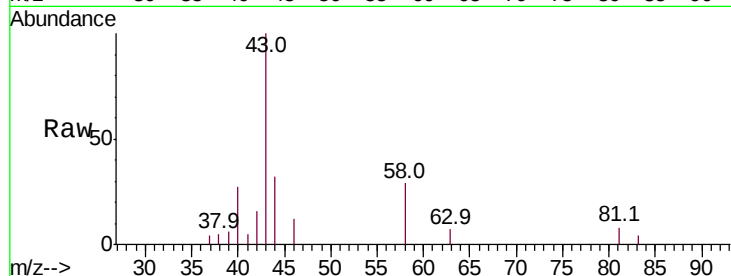
DB8B4

Tot Ion: 43 Resp: 4969

Ion Ratio Lower Upper

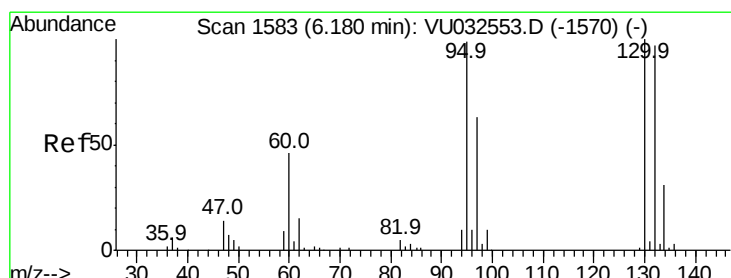
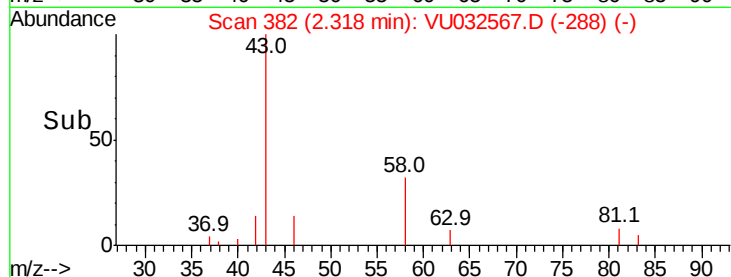
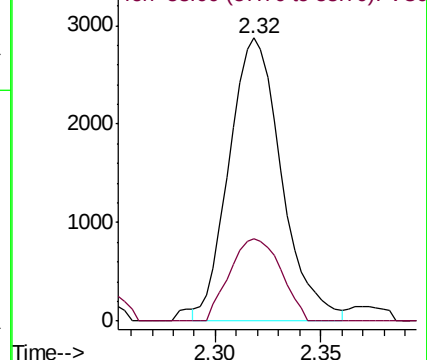
43 100

58 28.4 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: 315.501 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. -0.00 min

Lab File: VU032567.D

Acq: 10 Jun 2019 15:37

Tgt Ion: 95 Resp: 441225

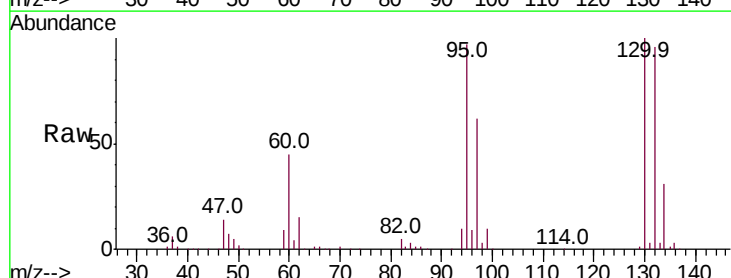
Ion Ratio Lower Upper

95 100

97 64.7 45.8 85.2

132 99.8 71.0 131.8

130 103.5 73.4 136.2

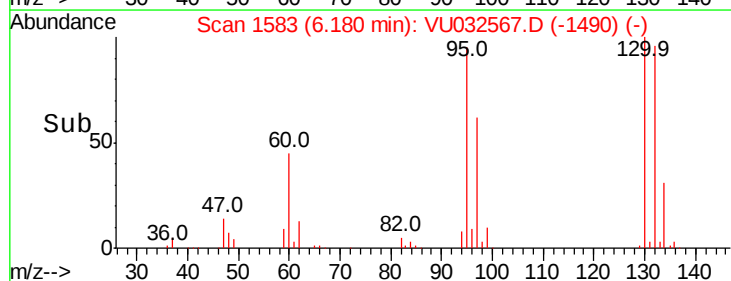
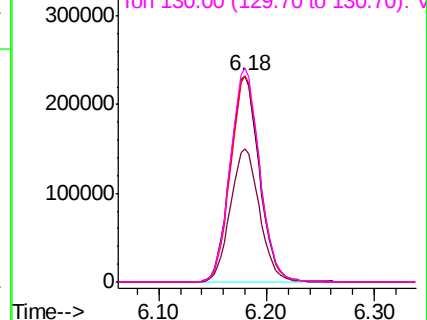


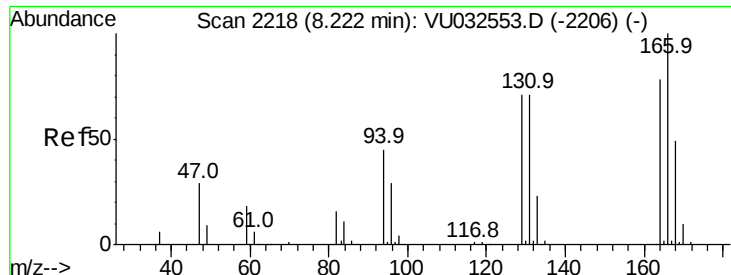
Abundance Ion 95.00 (94.70 to 95.70): VU032553.D (-1570) (-)

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: 0.721 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032567.D

Acq: 10 Jun 2019 15:37

Instrument :
MSVOA_U
ClientSampleId :
DB8B4

Tot Ion:164 Resp: 833

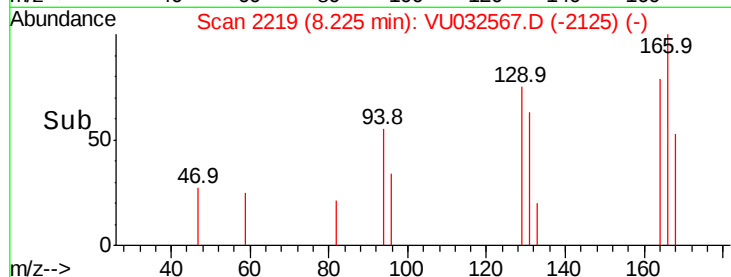
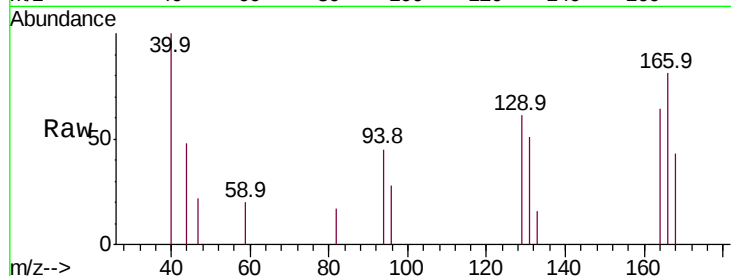
Ion Ratio Lower Upper

164 100

129 94.8 65.3 121.3

131 79.5 64.0 119.0

166 126.8 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

