

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU101719\
 Data File : VU035229.D
 Acq On : 17 Oct 2019 22:38
 Operator : JC/SP
 Sample : K5318-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CH3

Quant Time: Oct 18 05:25:22 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 18 03:45:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	355998	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	338954	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	143668	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	113204	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.93	69	101147	5.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.00%
11) 1,1-Dichloroethene-d2	2.59	63	158596	3.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.00%
20) 2-Butanone-d5	4.72	46	305898	49.04	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.08%
24) Chloroform-d	5.11	84	205827	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.75	65	117402	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.80%
32) Benzene-d6	5.77	84	426463	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
36) 1,2-Dichloropropane-d6	6.74	67	136119	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.93	98	400613	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
43) trans-1,3-Dichloropropene-	8.22	79	60123	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.69	63	262097	49.76	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.52%
57) 1,1,2,2-Tetrachloroethane-	10.79	84	111566	5.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.80%
64) 1,2-Dichlorobenzene-d4	12.22	152	135614	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

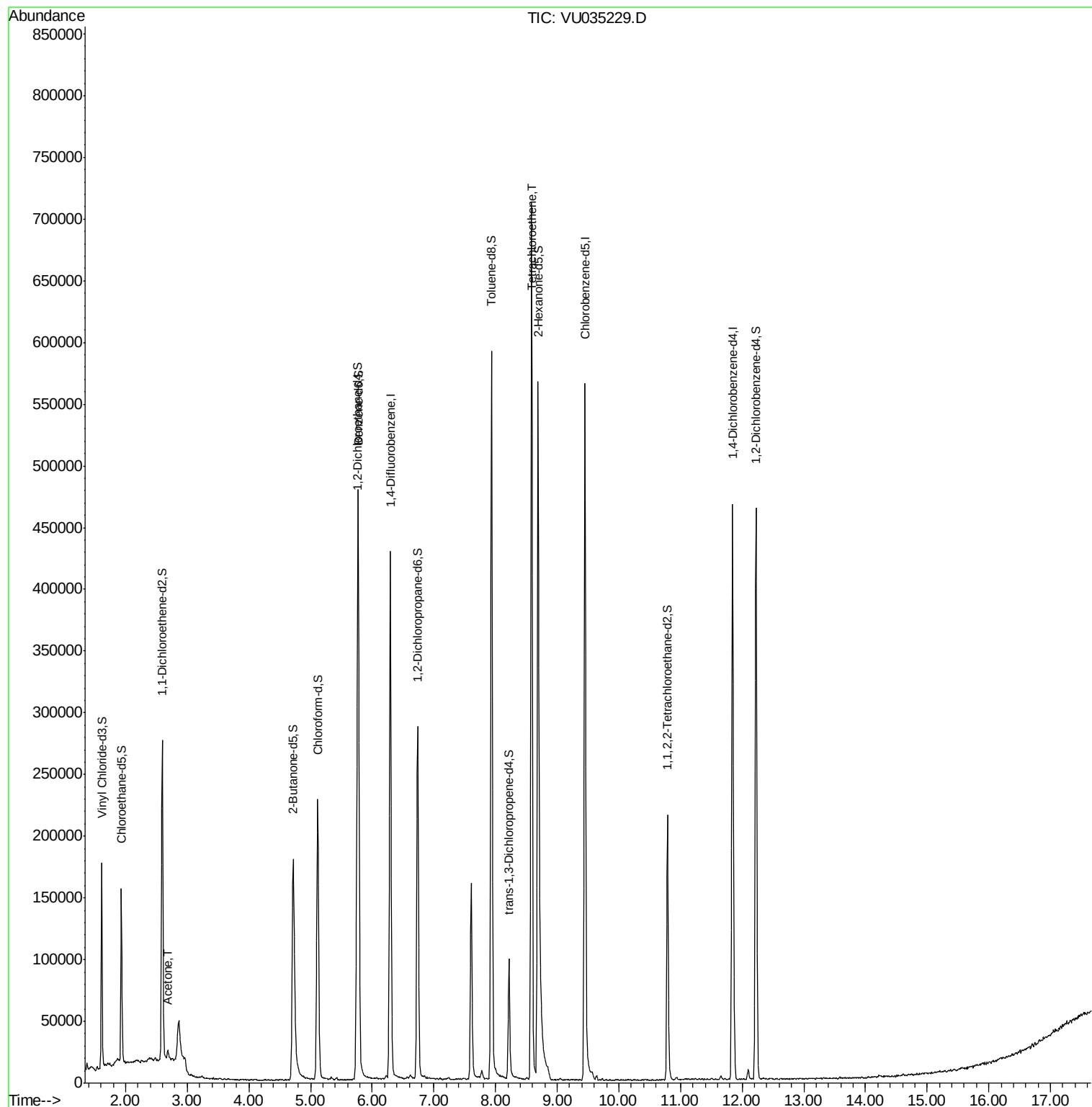
Target Compounds					Ovalue
13) Acetone	2.68	43	9552	2.201 ug/L	91
47) Tetrachloroethene	8.58	164	163238	7.308 ug/L	97

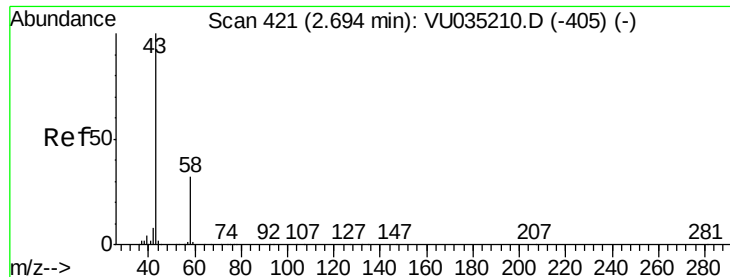
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.201 ug/L

RT: 2.68 min Scan# 418

Delta R.T. -0.01 min

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MSVOA_U

ClientSampleId :

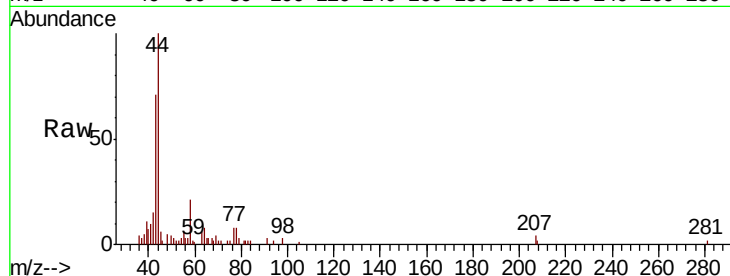
C0CH3

Tot Ion: 43 Resp: 9552

Ion Ratio Lower Upper

43 100

58 35.8 0.0 61.8



Abundance Ion 43.05 (42.75 to 43.75): VU035229.D (-328) (-)

Ion 58.05 (57.75 to 58.75): VU035229.D (-328) (-)

6000

5000

4000

3000

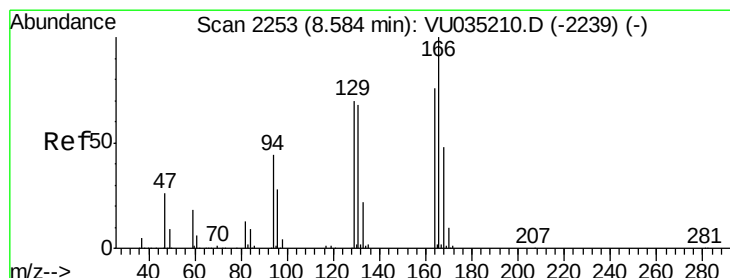
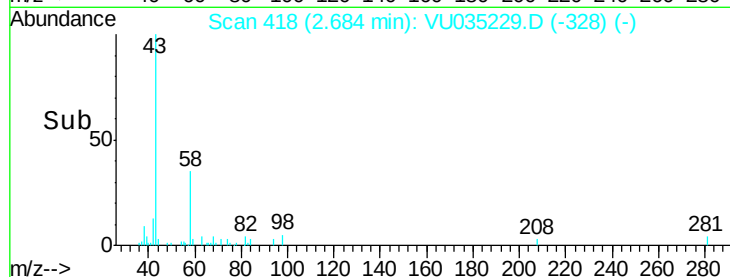
2000

1000

0

2.65 2.70 2.75

Time-->



#47

Tetrachloroethene

Concen: 7.308 ug/L

RT: 8.58 min Scan# 2253

Delta R.T. -0.00 min

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Tgt Ion: 164 Resp: 163238

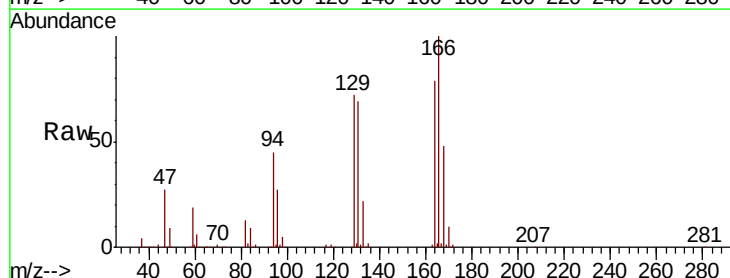
Ion Ratio Lower Upper

164 100

129 91.0 65.2 121.0

131 87.3 62.9 116.9

166 126.0 91.5 169.9



Abundance Ion 163.90 (163.60 to 164.60): VU035229.D (-2160) (-)

Ion 128.95 (128.65 to 129.65): VU035229.D (-2160) (-)

Ion 130.95 (130.65 to 131.65): VU035229.D (-2160) (-)

Ion 165.90 (165.60 to 166.60): VU035229.D (-2160) (-)

150000

100000

50000

0

8.50 8.60 8.70

Time-->

