

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031219\
 Data File : VU029969.D
 Acq On : 11 Mar 2019 11:33
 Operator : JC/SP
 Sample : K1734-15
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1B1

Quant Time: Mar 12 02:25:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031119WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Mar 11 12:44:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	488052	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	474058	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	227671	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	142175	47.75	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	95.50%
7) Chloroethane-d5	1.68	69	120959	48.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	96.64%
11) 1,1-Dichloroethene-d2	2.27	63	209225	37.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.56%
21) 2-Butanone-d5	4.17	46	221399	95.97	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.97%
24) Chloroform-d	4.64	84	288247	49.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.48%
26) 1,2-Dichloroethane-d4	5.31	65	173216	51.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.02%
32) Benzene-d6	5.34	84	618231	52.33	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.66%
36) 1,2-Dichloropropane-d6	6.33	67	189725	53.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	106.34%
41) Toluene-d8	7.56	98	573776	50.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.24%
43) trans-1,3-Dichloropropene-	7.85	79	85374	49.44	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	98.88%
47) 2-Hexanone-d5	8.31	63	175829	91.58	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.58%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	283624	50.34	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.68%
64) 1,2-Dichlorobenzene-d4	11.86	152	229441	51.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.76%

Target Compounds

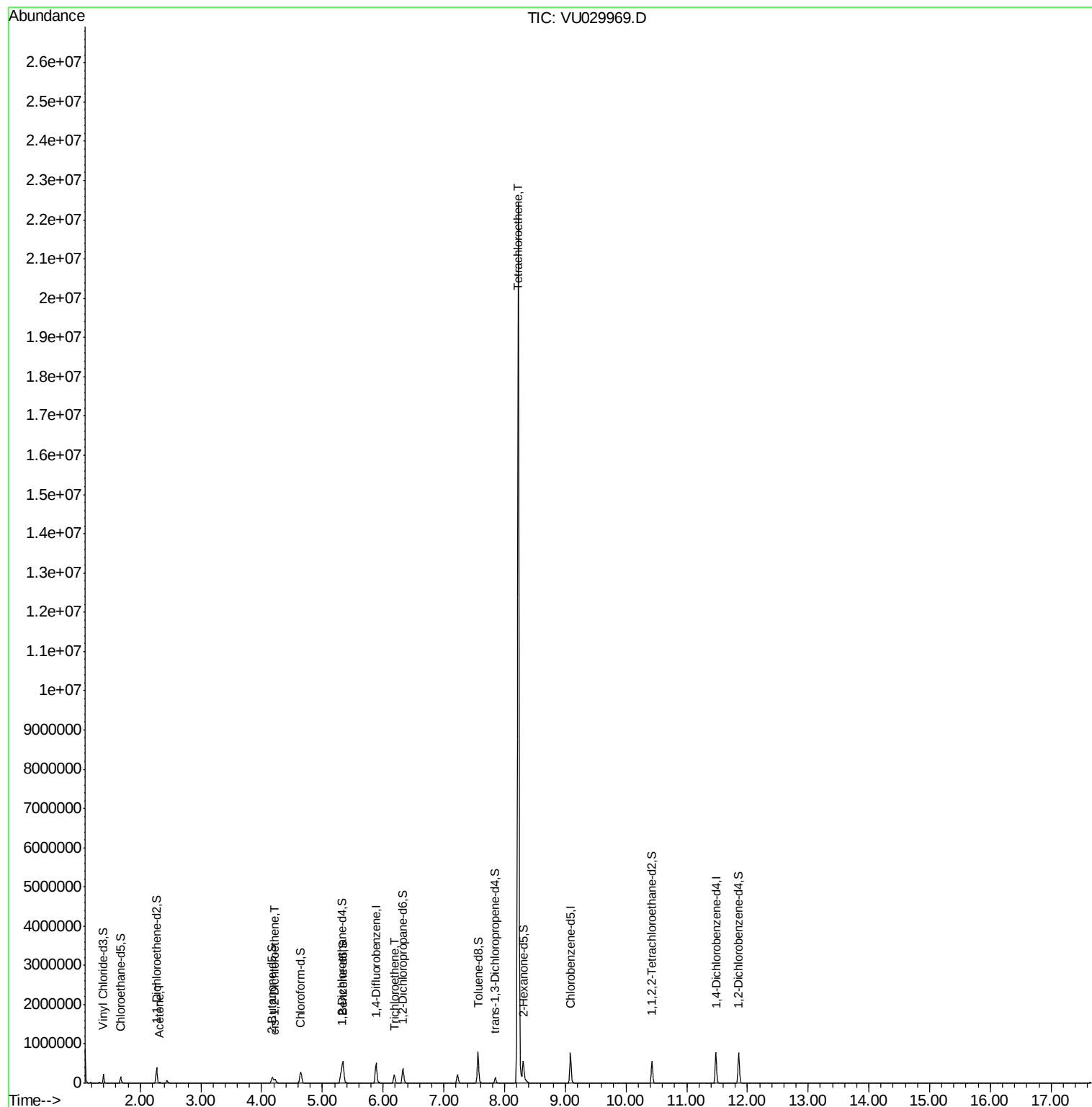
					Ovalue
13) Acetone	2.32	43	10657	4.235	ug/L 92
20) cis-1,2-Dichloroethene	4.22	96	46315	12.684	ug/L 96
34) Trichloroethene	6.18	95	73191	21.445	ug/L 98
46) Tetrachloroethene	8.23	164	5456722	1856.447	ug/L 97

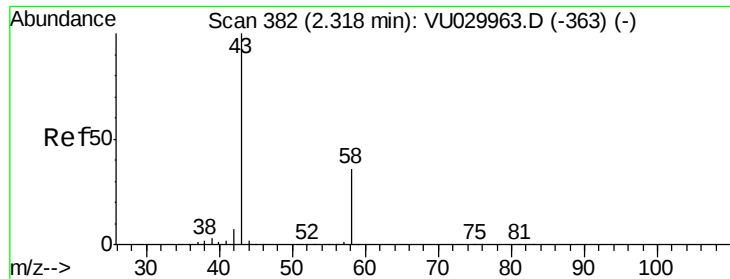
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.235 ug/L

RT: 2.32 min Scan# 382

Delta R.T. -0.00 min

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Acq: 11 Mar 2019 11:33

Instrument :

MSVOA_U

ClientSampleId :

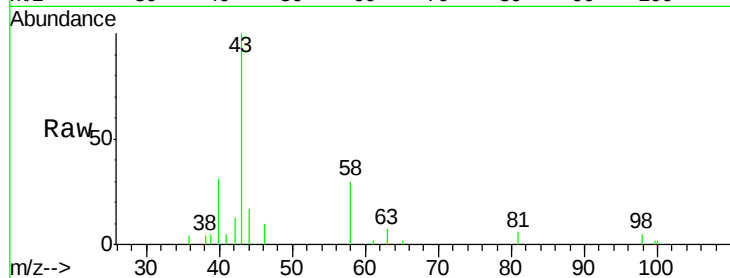
BF1B1

Tot Ion: 43 Resp: 10657

Ion Ratio Lower Upper

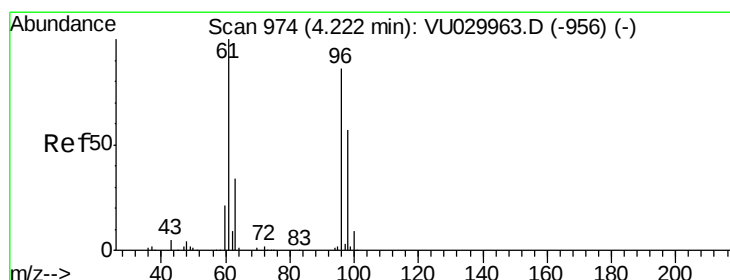
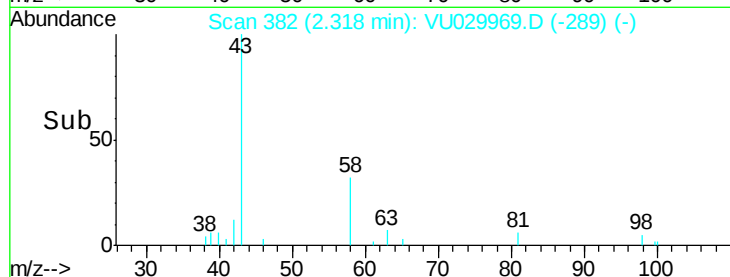
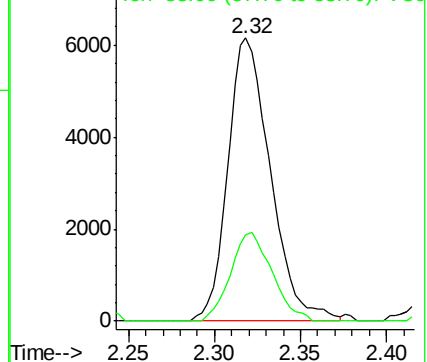
43 100

58 30.3 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 12.684 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU029969.D

Acq: 11 Mar 2019 11:33

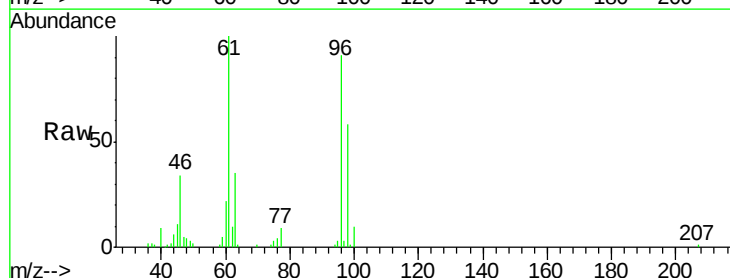
Tgt Ion: 96 Resp: 46315

Ion Ratio Lower Upper

96 100

61 110.4 80.6 149.8

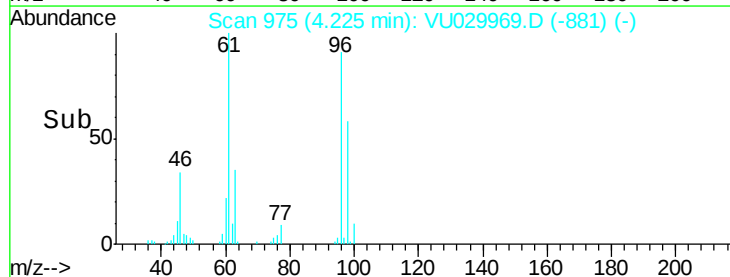
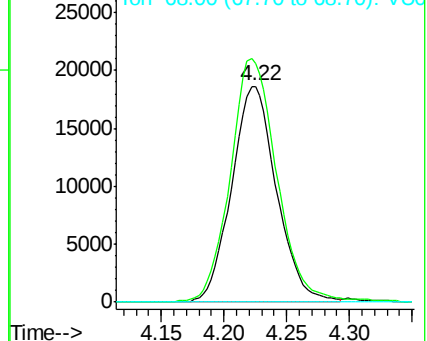
68 0.0 0.0 0.0

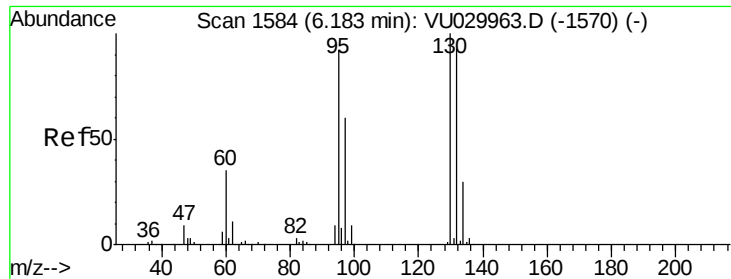


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

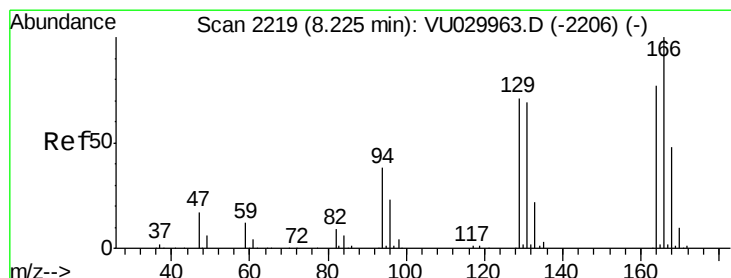
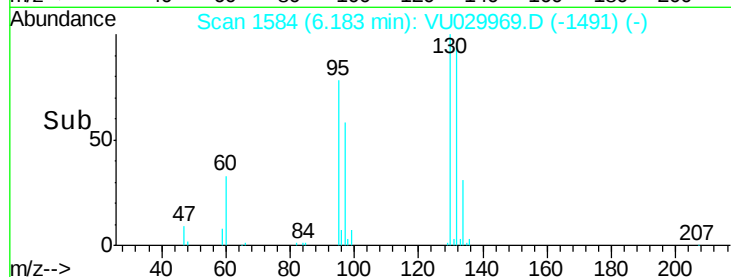
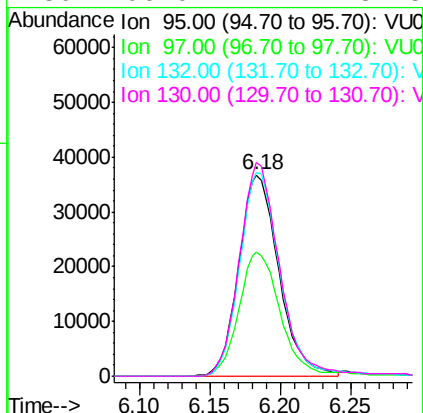
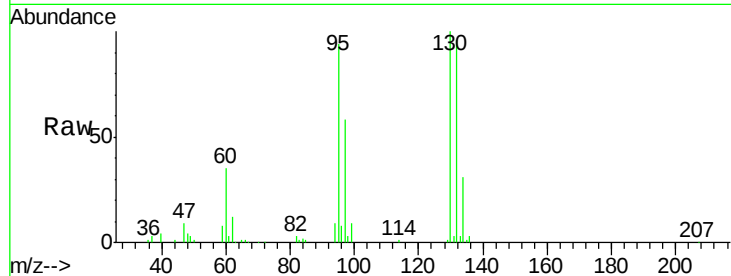




#34
 Trichloroethene
 Concen: 21.445 ug/L
 RT: 6.18 min Scan# 1584
 Delta R.T. -0.00 min
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Tot Ion: 95 Resp: 73191
 Ion Ratio Lower Upper
 95 100
 97 61.4 45.1 83.7
 132 101.3 72.0 133.6
 130 106.0 74.1 137.5



#46
 Tetrachloroethene
 Concen: 1856.447 ug/L
 RT: 8.23 min Scan# 2220
 Delta R.T. 0.00 min
 Lab File: VU029969.D
 Acq: 11 Mar 2019 11:33

Tgt Ion:164 Resp: 5456722
 Ion Ratio Lower Upper
 164 100
 129 92.5 61.0 113.2
 131 89.1 60.5 112.3
 166 127.2 88.3 163.9

