

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032819\
 Data File : VU030522.D
 Acq On : 28 Mar 2019 18:11
 Operator : JC/SP
 Sample : K2128-12
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1A7

Quant Time: Mar 29 01:52:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 29 01:19:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	389824	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	372773	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	140679	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	141280	45.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	90.06%
7) Chloroethane-d5	1.68	69	124966	50.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	100.50%
11) 1,1-Dichloroethene-d2	2.27	63	206149	34.64	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.28%
21) 2-Butanone-d5	4.17	46	277323	94.03	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	94.03%
24) Chloroform-d	4.64	84	263640	48.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.54%
26) 1,2-Dichloroethane-d4	5.31	65	182080	51.48	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.96%
32) Benzene-d6	5.34	84	518575	48.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.02%
36) 1,2-Dichloropropane-d6	6.33	67	189227	51.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.48%
41) Toluene-d8	7.56	98	434365	45.24	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	90.48%
43) trans-1,3-Dichloropropene-	7.85	79	79253	46.08	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.16%
47) 2-Hexanone-d5	8.31	63	162473	81.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.97%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	254970	48.72	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.44%
64) 1,2-Dichlorobenzene-d4	11.86	152	145813	51.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	103.46%

Target Compounds

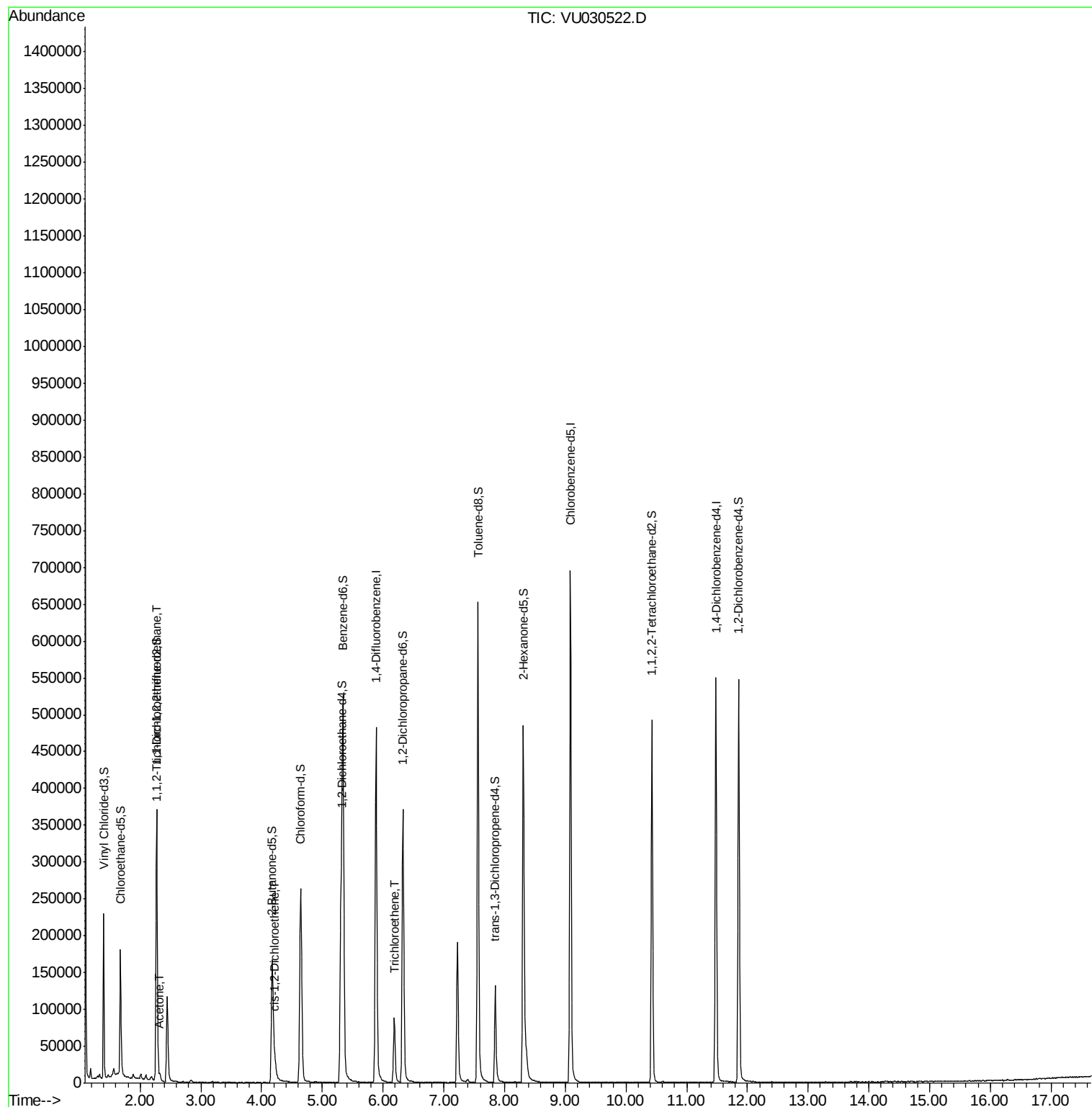
					Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	17525	6.160 ug/L	94
13) Acetone	2.32	43	7100	2.381 ug/L	100
20) cis-1,2-Dichloroethene	4.23	96	6018	1.834 ug/L	92
34) Trichloroethene	6.19	95	32122	10.297 ug/L	98

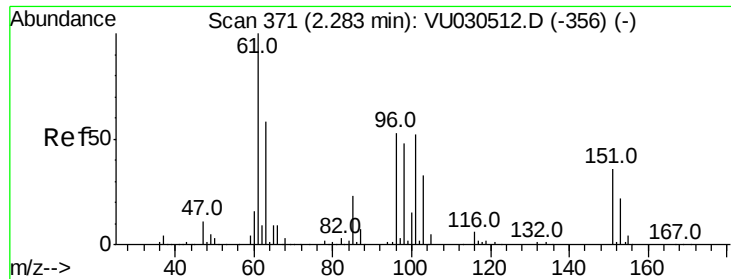
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 6.160 ug/L

RT: 2.29 min Scan# 372

Delta R.T. 0.00 min

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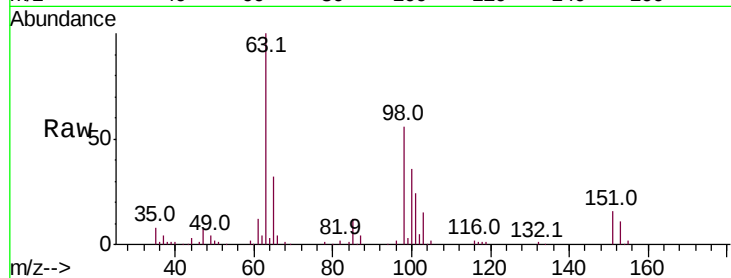
Tot Ion:101 Resp: 17525

Ion Ratio Lower Upper

101 100

85 43.8 34.8 52.2

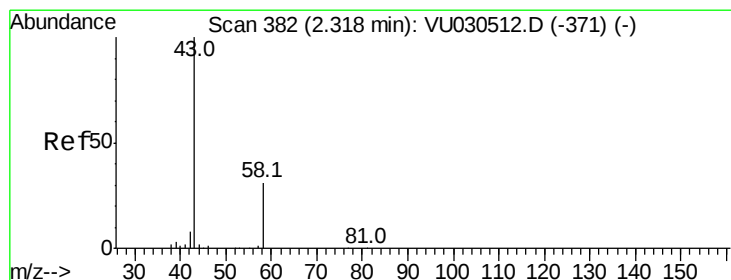
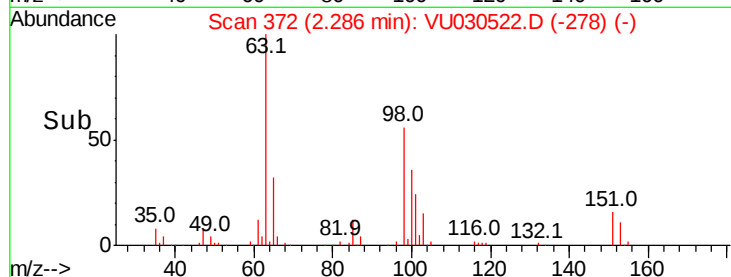
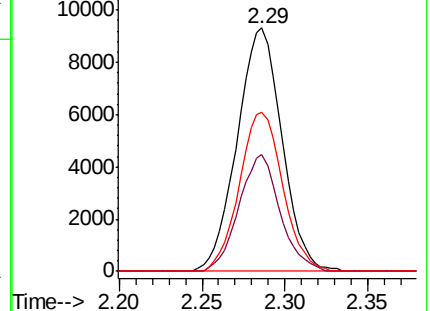
151 63.2 56.6 85.0



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VU0

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.381 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

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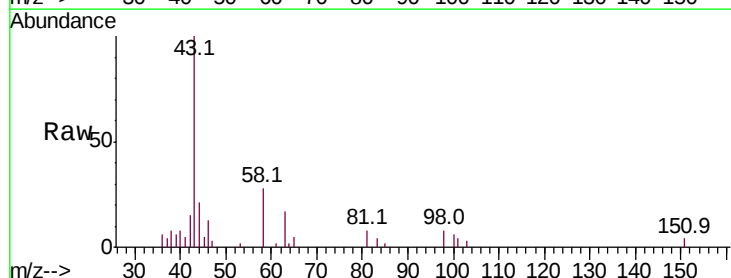
Acq: 28 Mar 2019 18:11

Tgt Ion: 43 Resp: 7100

Ion Ratio Lower Upper

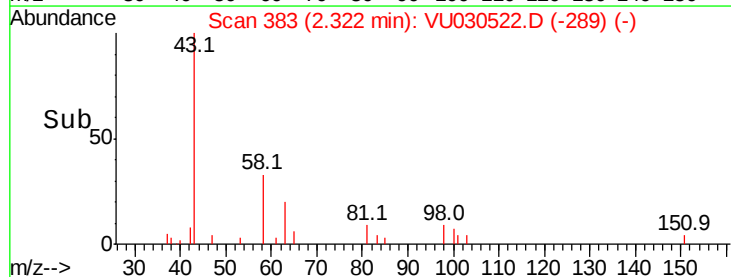
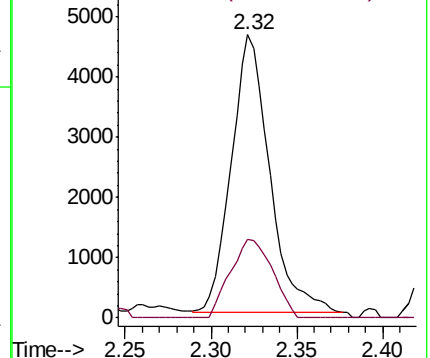
43 100

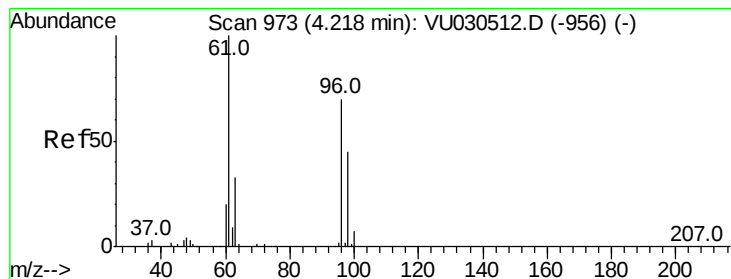
58 31.3 0.0 62.8



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: 1.834 ug/L

RT: 4.23 min Scan# 976

Delta R.T. 0.01 min

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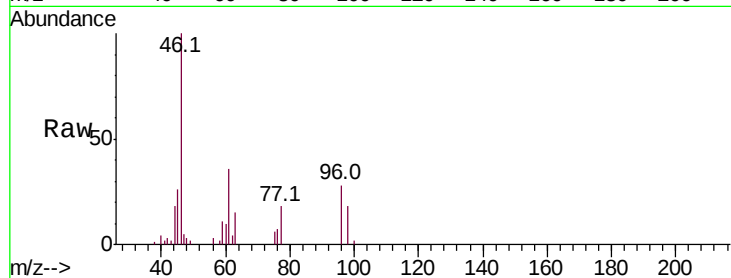
Tot Ion: 96 Resp: 6018

Ion Ratio Lower Upper

96 100

61 130.5 98.4 182.8

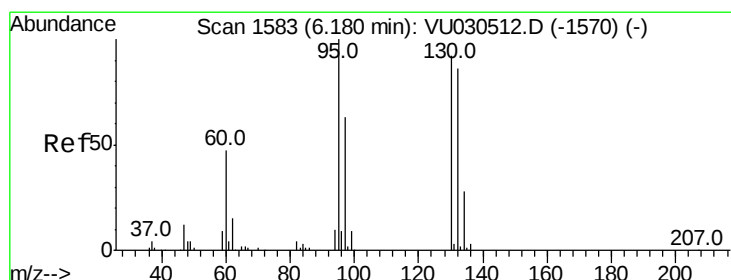
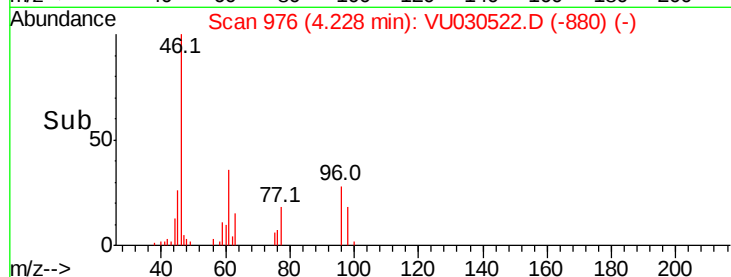
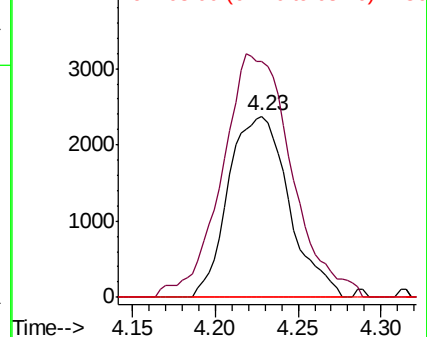
68 0.0 0.0 0.0



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: 10.297 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU030522.D

Acq: 28 Mar 2019 18:11

Tgt Ion: 95 Resp: 32122

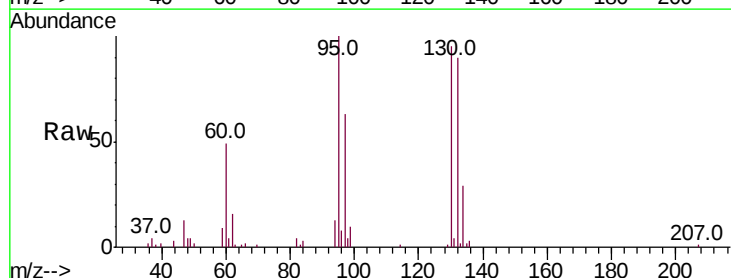
Ion Ratio Lower Upper

95 100

97 62.9 45.7 84.9

132 90.1 63.8 118.4

130 95.0 65.7 121.9



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

