

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032128.D
 Acq On : 18 May 2019 03:21
 Operator : JC/SP
 Sample : K2860-03
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W30

Quant Time: May 18 06:23:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 05:45:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	348916	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	360219	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141205	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	111401	3.79	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.80%
7) Chloroethane-d5	1.68	69	98985	3.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.80%
11) 1,1-Dichloroethene-d2	2.27	63	155918	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.21	46	266530	46.19	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.38%
24) Chloroform-d	4.64	84	219259	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.31	65	111913	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.33	84	440890	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.20%
36) 1,2-Dichloropropane-d6	6.32	67	130860	4.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.40%
41) Toluene-d8	7.56	98	361134	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.85	79	44600	3.86	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.20%
46) 2-Hexanone-d5	8.31	63	231822	44.40	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.80%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118701	4.52	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.40%
64) 1,2-Dichlorobenzene-d4	11.86	152	140980	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

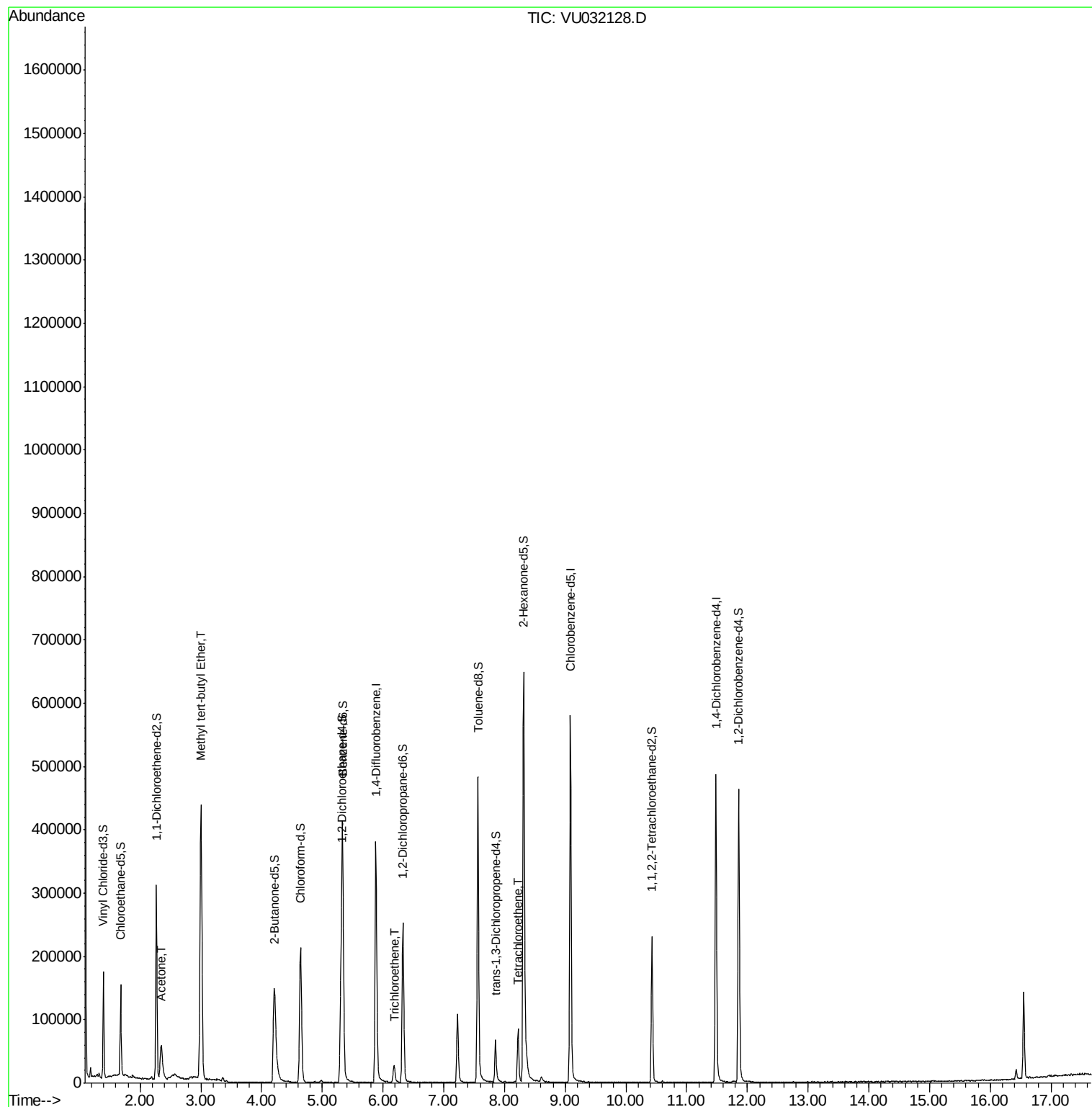
					Ovalue
13) Acetone	2.34	43	87988	46.449 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	519270	15.763 ug/L	96
34) Trichloroethene	6.18	95	8702	0.580 ug/L #	64
47) Tetrachloroethene	8.22	164	20823	1.857 ug/L	93

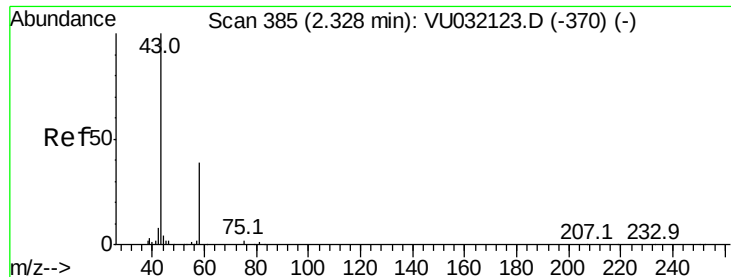
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 46.449 ug/L

RT: 2.34 min Scan# 390

Delta R.T. 0.02 min

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Instrument :

MSVOA_U

ClientSampleId :

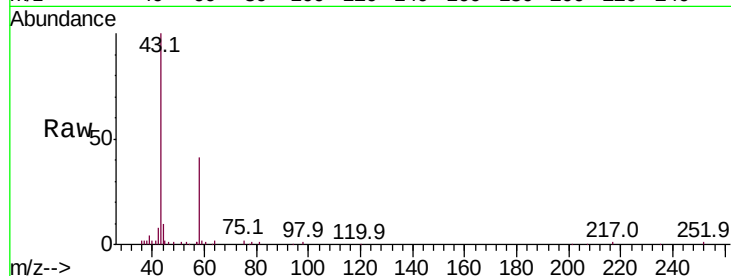
F9W30

Tot Ion: 43 Resp: 87988

Ion Ratio Lower Upper

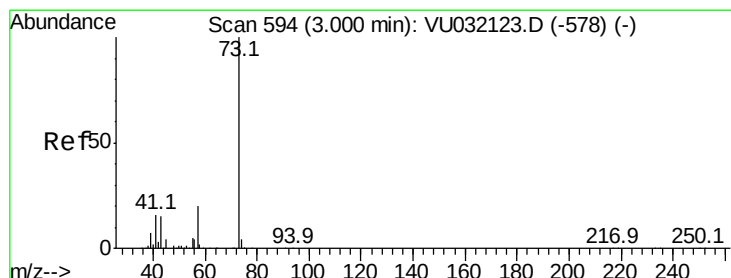
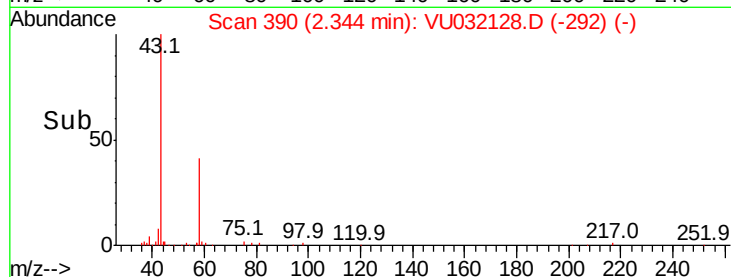
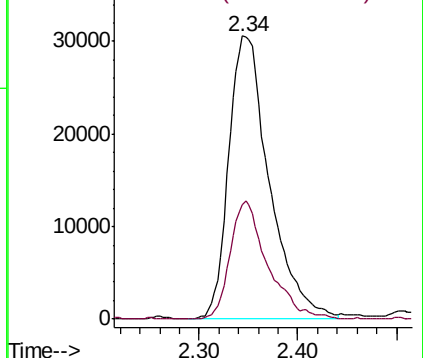
43 100

58 38.5 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0



#17

Methyl tert-butyl Ether

Concen: 15.763 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032128.D

Acq: 18 May 2019 03:21

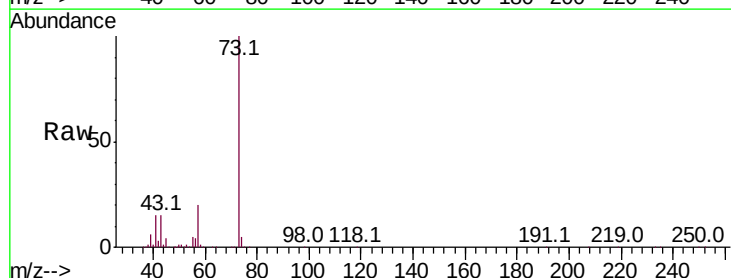
Tgt Ion: 73 Resp: 519270

Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

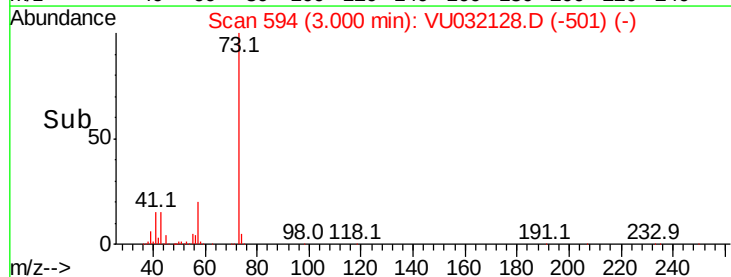
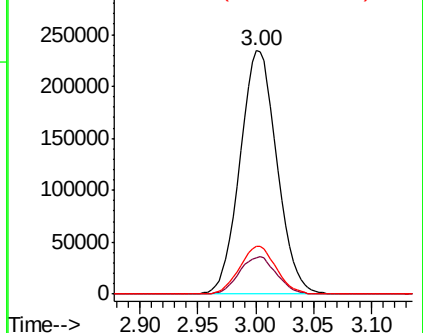
57 19.6 17.9 26.9

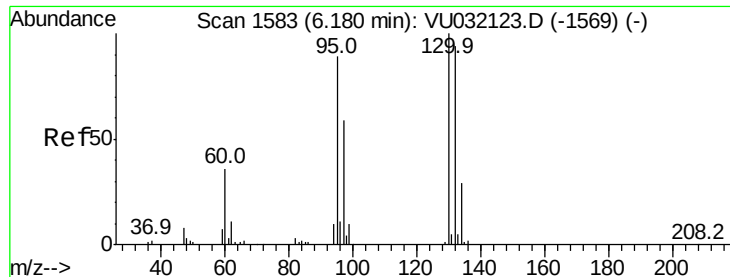


Abundance Ion 73.10 (72.80 to 73.80): VU0

Ion 43.05 (42.75 to 43.75): VU0

Ion 57.10 (56.80 to 57.80): VU0





#34

Trichloroethene

Concen: 0.580 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

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Instrument :

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F9W30

Tot Ion: 95 Resp: 8702

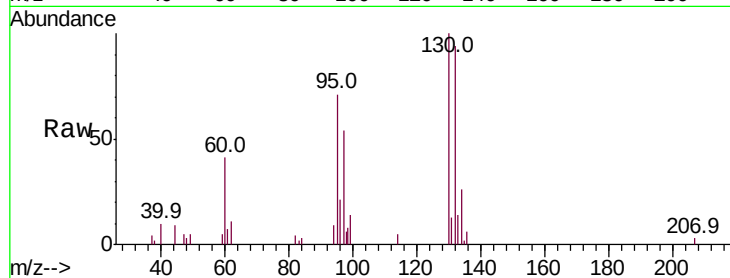
Ion Ratio Lower Upper

95 100

97 75.8 45.2 84.0

132 132.7 66.1 122.7#

130 140.9 66.7 123.9#

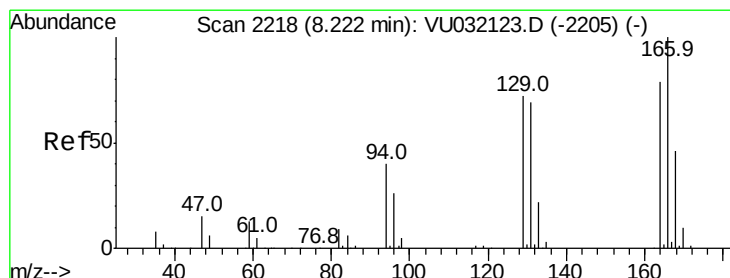
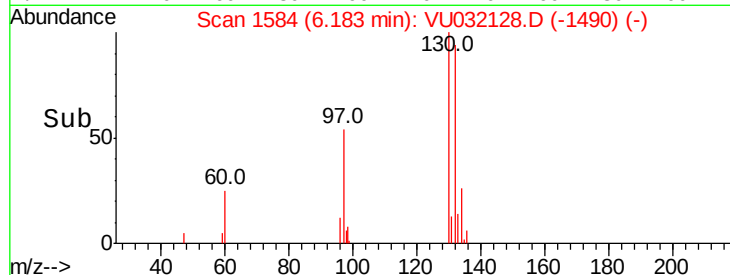
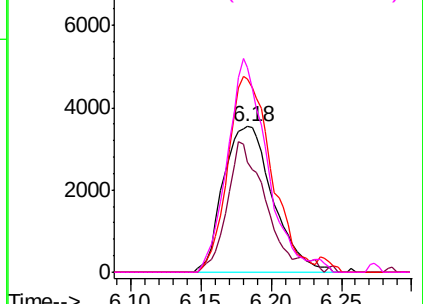


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 1.857 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032128.D

Acq: 18 May 2019 03:21

Tgt Ion: 164 Resp: 20823

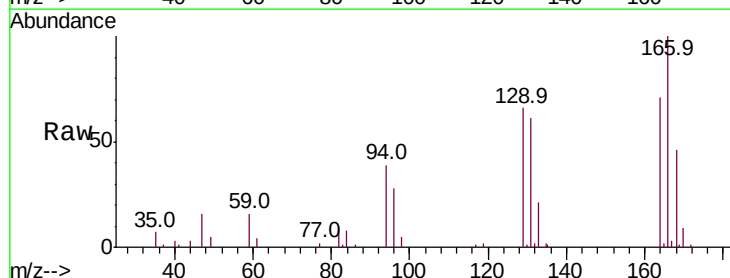
Ion Ratio Lower Upper

164 100

129 92.9 70.3 130.5

131 85.2 64.5 119.9

166 140.3 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

