

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032126.D
 Acq On : 18 May 2019 02:31
 Operator : JC/SP
 Sample : K2860-01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W28

Quant Time: May 18 06:19:16 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	362393	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	367606	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	145411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	110156	3.61	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.20%
7) Chloroethane-d5	1.68	69	93330	3.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.60%
11) 1,1-Dichloroethene-d2	2.27	63	158772	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.20	46	265836	44.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.72%
24) Chloroform-d	4.64	84	225368	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.31	65	115489	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
32) Benzene-d6	5.33	84	440738	3.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.60%
36) 1,2-Dichloropropane-d6	6.32	67	132075	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.56	98	365641	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	43260	3.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.40%
46) 2-Hexanone-d5	8.31	63	231425	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	121253	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	139589	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

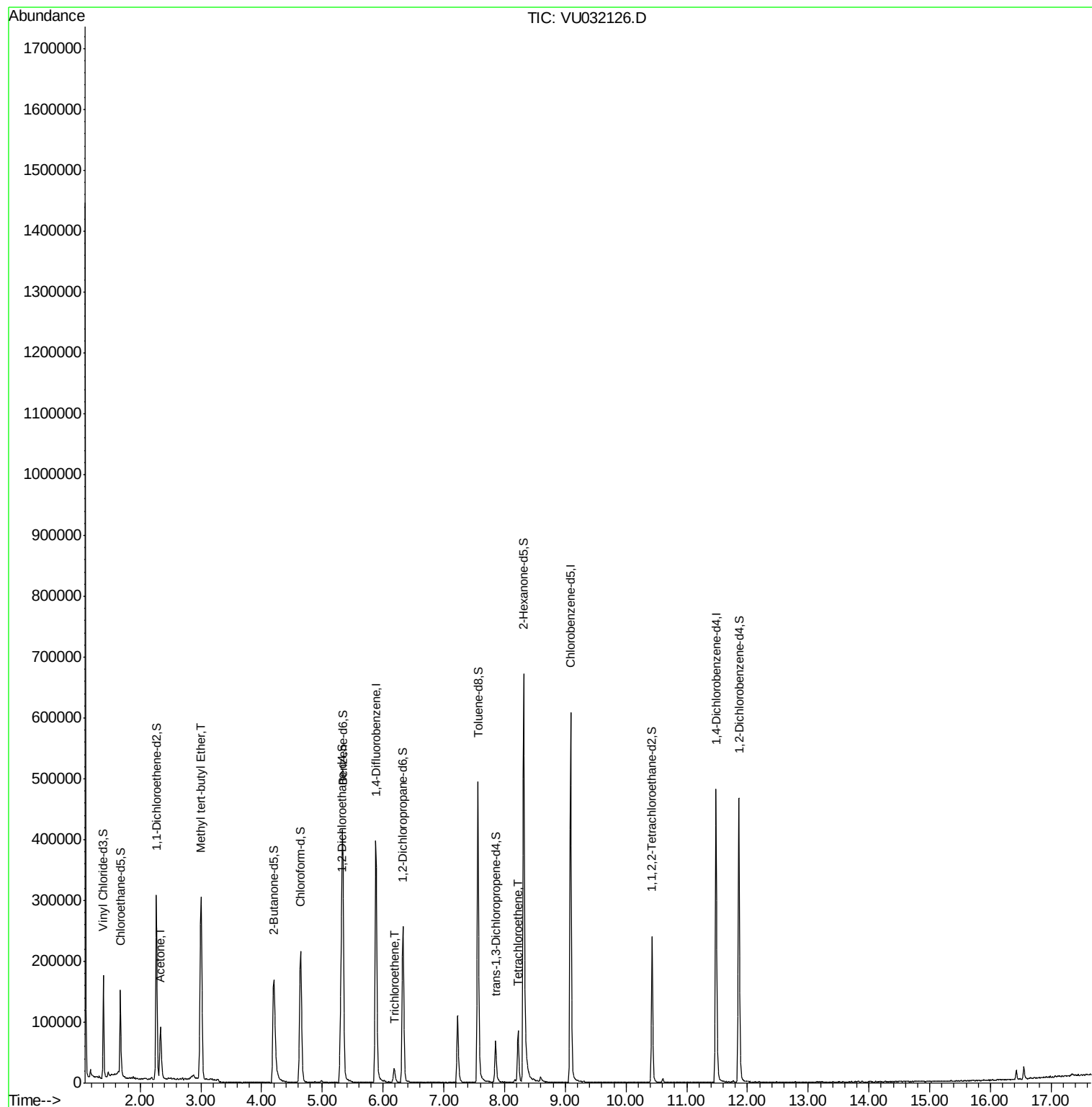
					Ovalue
13) Acetone	2.33	43	93701	47.625 ug/L	99
17) Methyl tert-butyl Ether	3.00	73	353933	10.345 ug/L	96
34) Trichloroethene	6.18	95	7627	0.498 ug/L	90
47) Tetrachloroethene	8.22	164	20973	1.832 ug/L	93

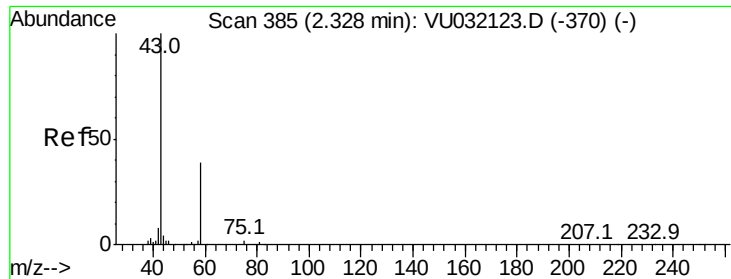
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 47.625 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampled :

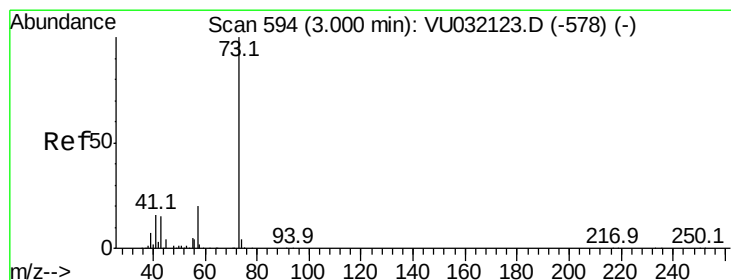
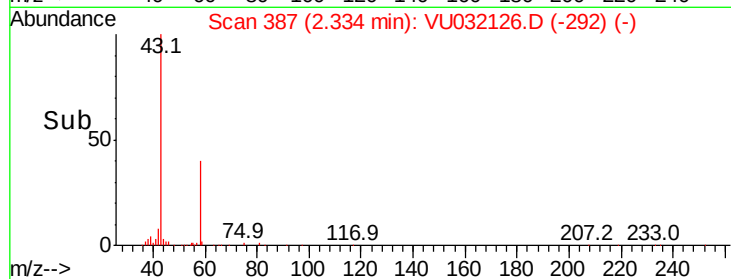
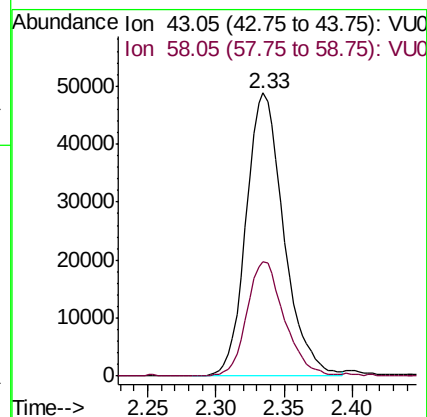
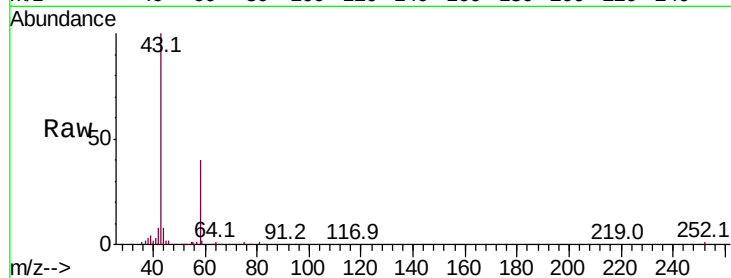
F9W28

Tot Ion: 43 Resp: 93701

Ion Ratio Lower Upper

43 100

58 40.1 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 10.345 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

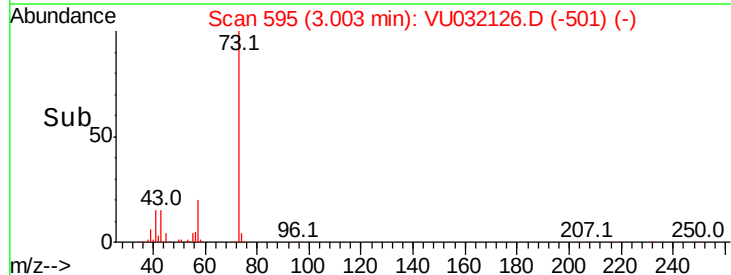
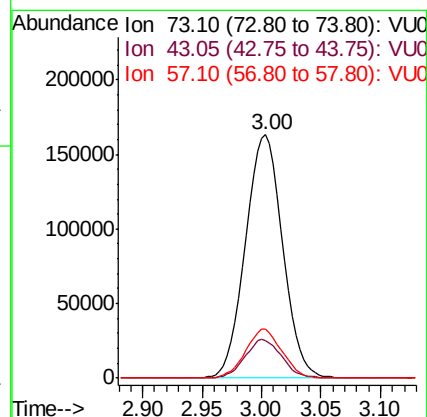
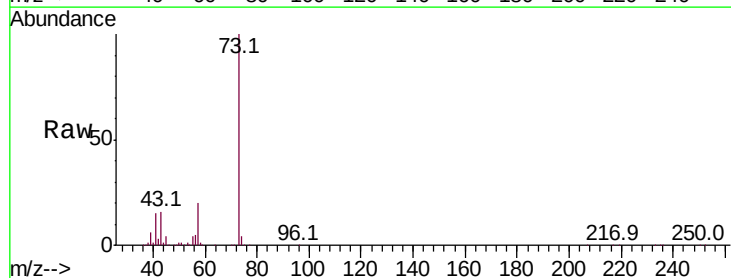
Tgt Ion: 73 Resp: 353933

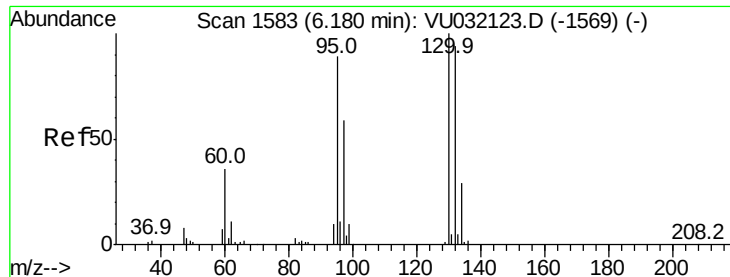
Ion Ratio Lower Upper

73 100

43 15.5 13.0 19.6

57 19.7 17.9 26.9





#34

Trichloroethene

Concen: 0.498 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Instrument :

MSVOA_U

ClientSampled :

F9W28

Tot Ion: 95 Resp: 7627

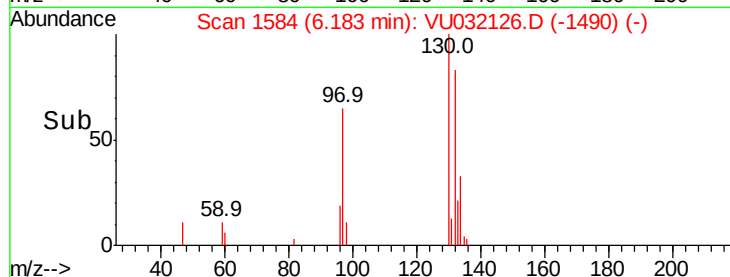
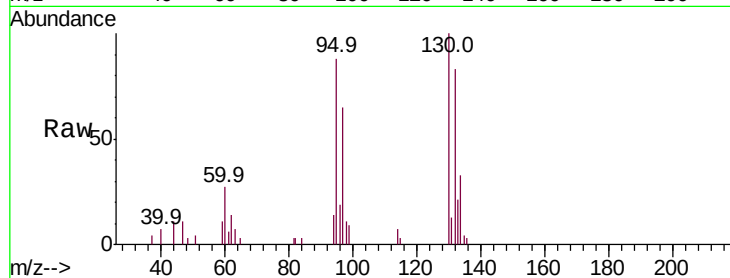
Ion Ratio Lower Upper

95 100

97 73.7 45.2 84.0

132 94.6 66.1 122.7

130 114.1 66.7 123.9

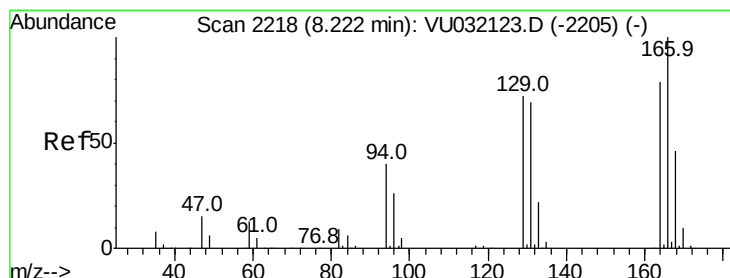
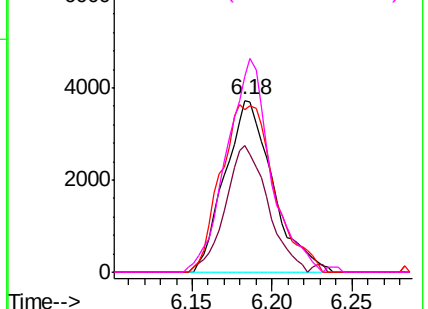


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 1.832 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032126.D

Acq: 18 May 2019 02:31

Tgt Ion:164 Resp: 20973

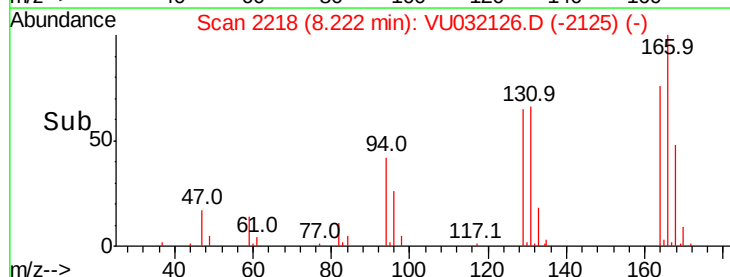
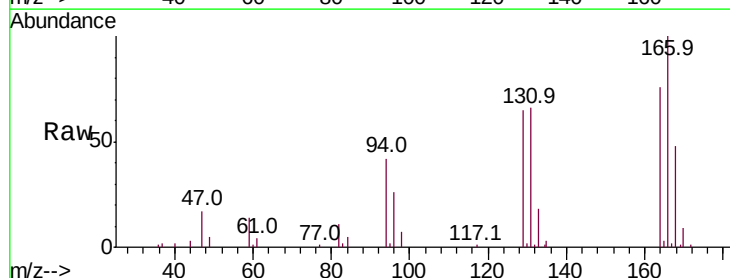
Ion Ratio Lower Upper

164 100

129 85.8 70.3 130.5

131 86.4 64.5 119.9

166 131.0 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

