

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032142.D
 Acq On : 18 May 2019 09:09
 Operator : JC/SP
 Sample : K2860-17
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W50

Quant Time: May 20 05:23:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon May 20 04:57:10 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	367606	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	371641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144265	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	107069	3.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.20%
7) Chloroethane-d5	1.68	69	99456	3.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.20%
11) 1,1-Dichloroethene-d2	2.27	63	156799	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.19	46	232269	38.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.42%
24) Chloroform-d	4.64	84	220625	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
26) 1,2-Dichloroethane-d4	5.31	65	110705	3.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.80%
32) Benzene-d6	5.33	84	434544	3.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.60%
36) 1,2-Dichloropropane-d6	6.32	67	126239	3.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.20%
41) Toluene-d8	7.56	98	364221	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.00%
43) trans-1,3-Dichloropropene-	7.85	79	39732	3.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.60%
46) 2-Hexanone-d5	8.31	63	195580	36.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.62%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	110656	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	140007	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

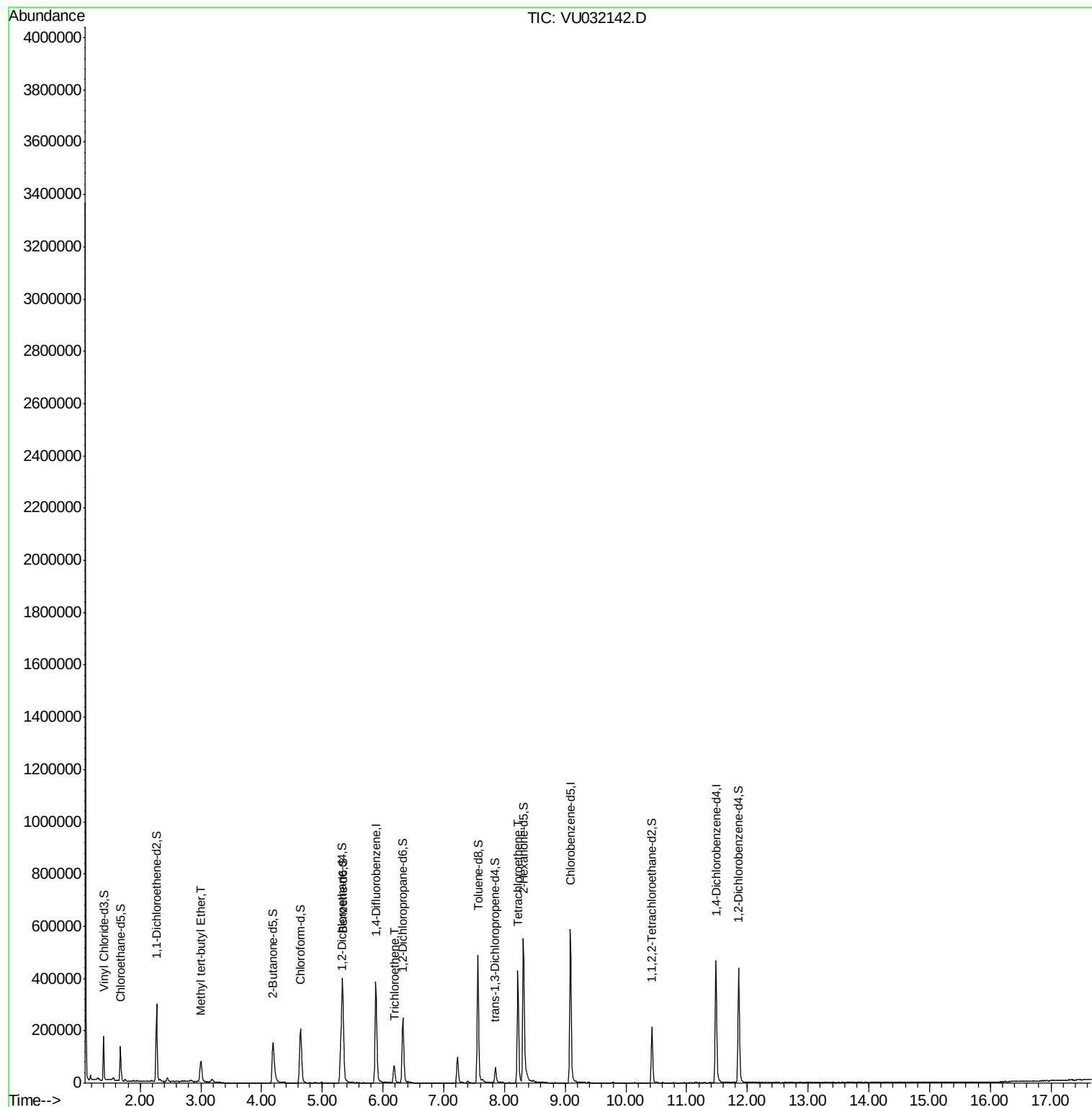
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
17) Methyl tert-butyl Ether	3.00	73	91715	2.643	ug/L	98
34) Trichloroethene	6.18	95	23917	1.545	ug/L	95
47) Tetrachloroethene	8.22	164	104981	9.072	ug/L	96

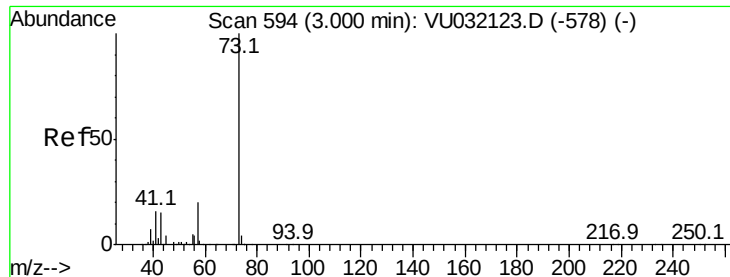
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

Methvl tert-butyl Ether

Concen: 2.643 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032142.D

Acq: 18 May 2019 09:09

Instrument :

MSVOA_U

ClientSampled :

F9W50

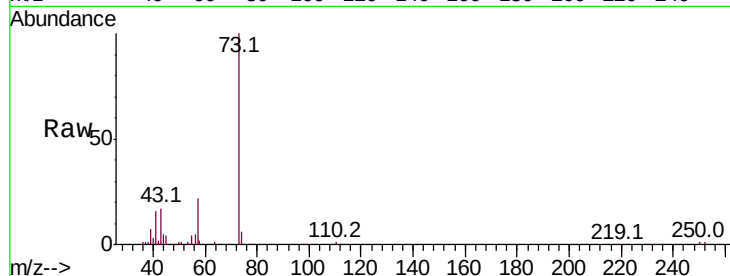
Tot Ion: 73 Resp: 91715

Ion Ratio Lower Upper

73 100

43 16.5 13.0 19.6

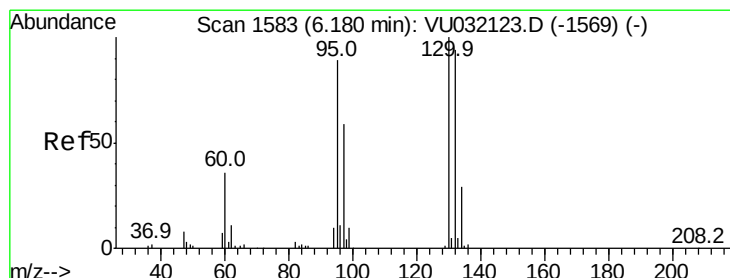
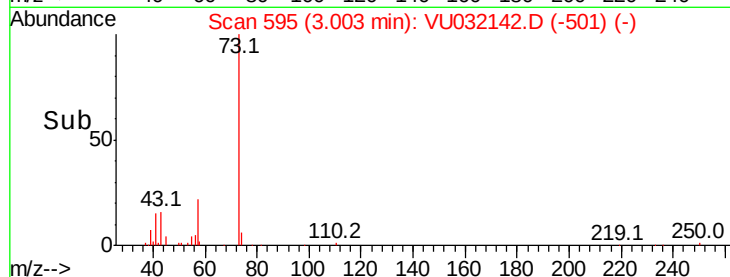
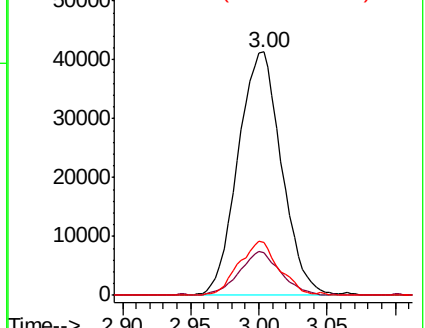
57 20.9 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032123.D (-578) (-)

Ion 43.05 (42.75 to 43.75): VU032123.D (-578) (-)

Ion 57.10 (56.80 to 57.80): VU032123.D (-578) (-)



#34

Trichloroethene

Concen: 1.545 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032142.D

Acq: 18 May 2019 09:09

Tgt Ion: 95 Resp: 23917

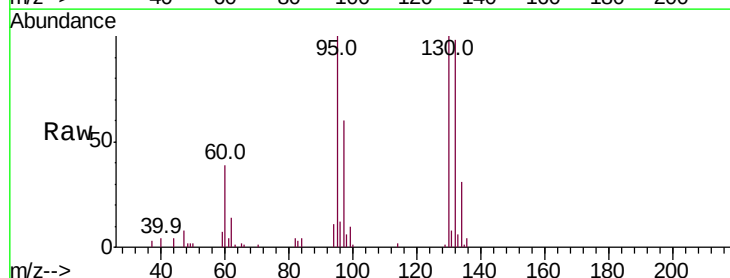
Ion Ratio Lower Upper

95 100

97 59.6 45.2 84.0

132 98.5 66.1 122.7

130 100.0 66.7 123.9

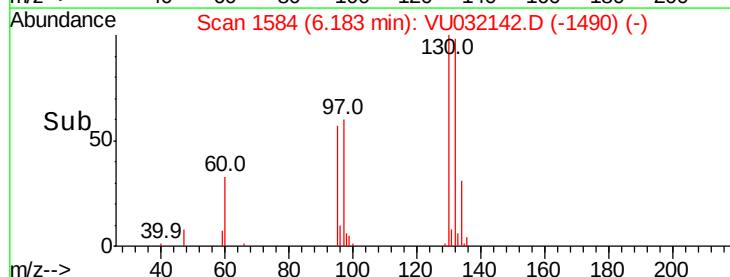
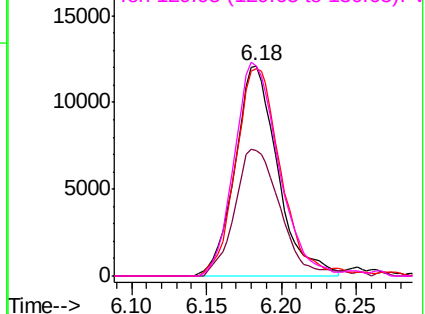


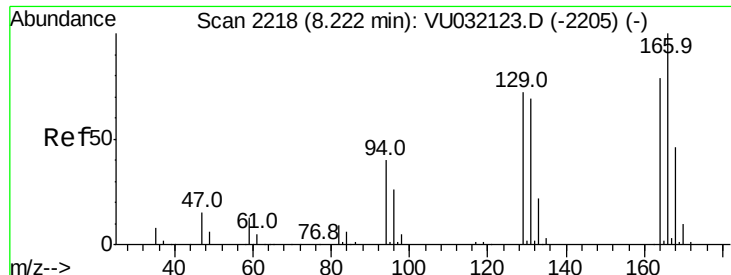
Abundance Ion 95.00 (94.70 to 95.70): VU032123.D (-1569) (-)

Ion 96.95 (96.65 to 97.65): VU032123.D (-1569) (-)

Ion 131.95 (131.65 to 132.65): VU032123.D (-1569) (-)

Ion 129.95 (129.65 to 130.65): VU032123.D (-1569) (-)





#47

Tetrachloroethene

Concen: 9.072 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032142.D

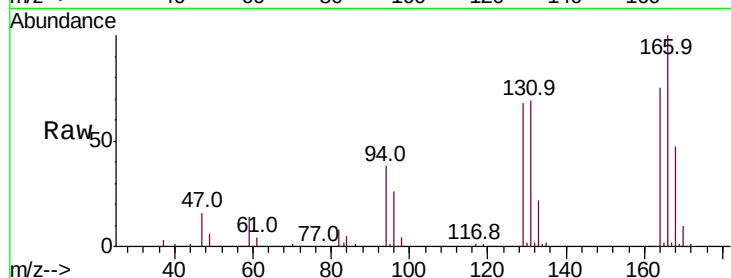
Acq: 18 May 2019 09:09

Instrument :

MSVOA_U

ClientSampleId :

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Tot Ion:164 Resp: 104981

Ion Ratio Lower Upper

164 100

129 89.8 70.3 130.5

131 91.8 64.5 119.9

166 132.9 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

