

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032064.D
 Acq On : 16 May 2019 21:29
 Operator : JC/SP
 Sample : K2850-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W06

Quant Time: May 17 08:19:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 07:17:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	444513	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	408974	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157104	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	154588	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.68	69	133306	4.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.40%
11) 1,1-Dichloroethene-d2	2.27	63	218424	3.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.20%
20) 2-Butanone-d5	4.20	46	282681	38.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.90%
24) Chloroform-d	4.64	84	265863	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.80%
26) 1,2-Dichloroethane-d4	5.31	65	135840	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.00%
32) Benzene-d6	5.33	84	560141	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
36) 1,2-Dichloropropane-d6	6.33	67	162873	4.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.40%
41) Toluene-d8	7.56	98	471188	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.85	79	54036	4.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.40%
46) 2-Hexanone-d5	8.32	63	247390	41.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.46%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	132260	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	159563	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

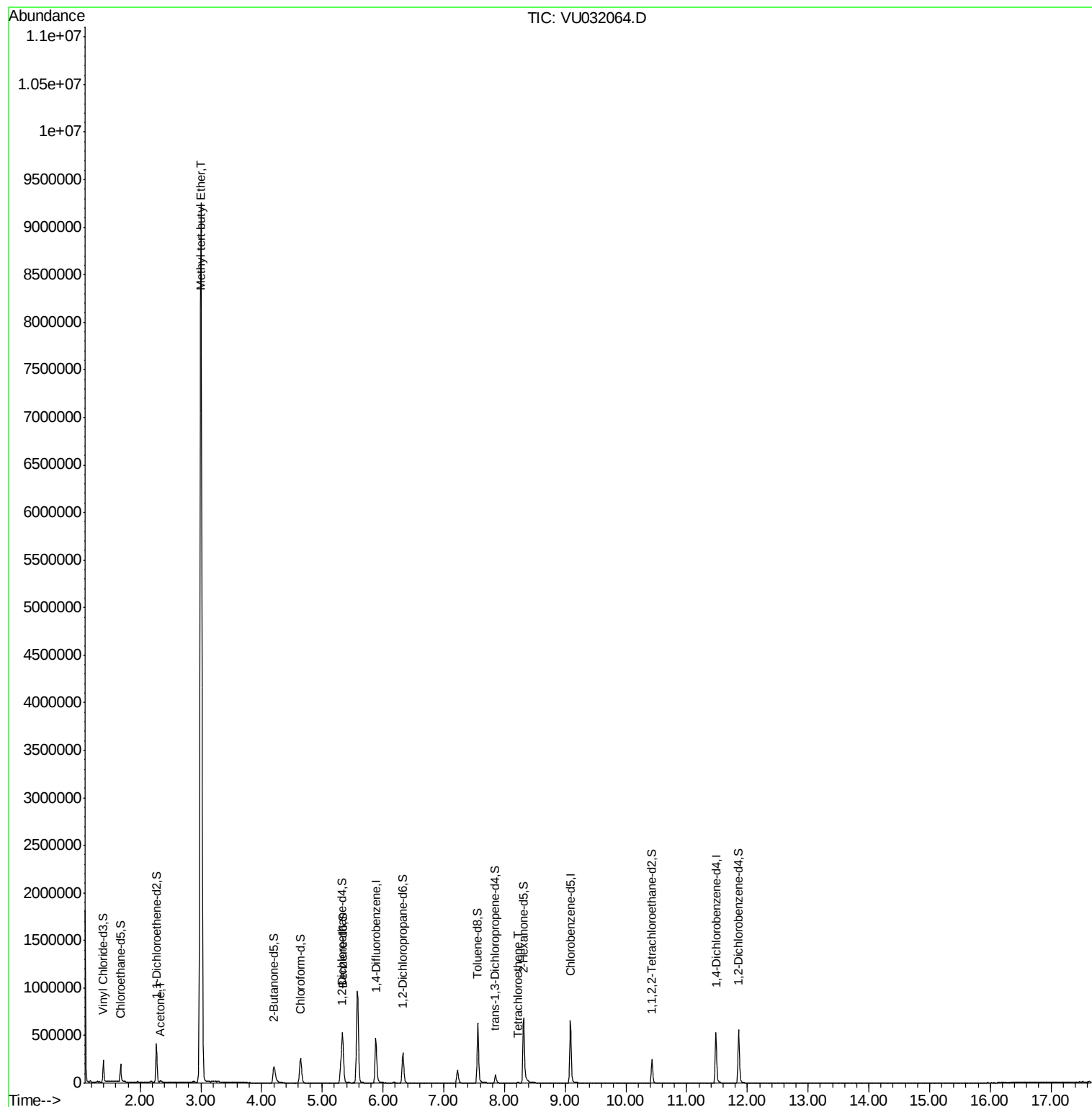
					Ovalue
13) Acetone	2.34	43	14245	5.903	ug/L 92
17) Methyl tert-butyl Ether	3.00	73	10845834	258.434	ug/L 97
47) Tetrachloroethene	8.22	164	2511	0.197	ug/L # 81

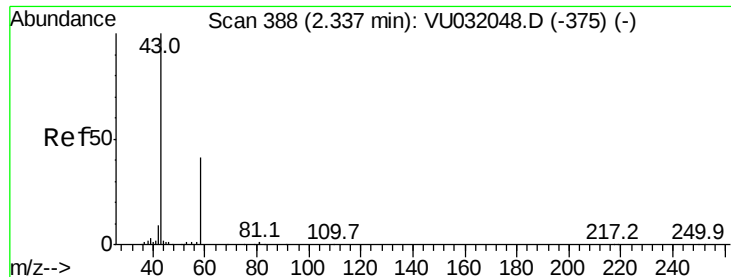
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.903 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

Instrument :

MSVOA_U

ClientSampleId :

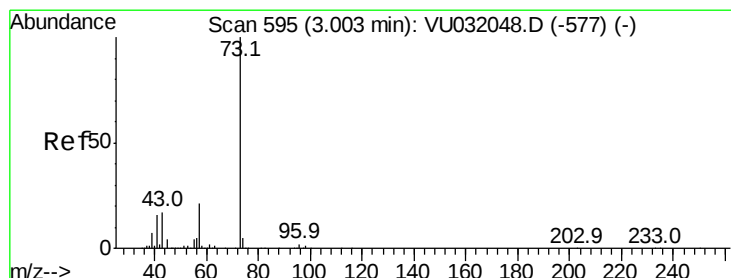
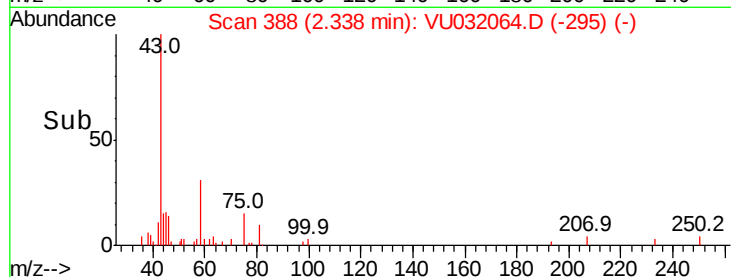
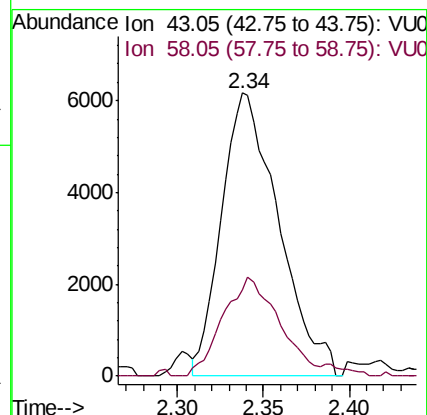
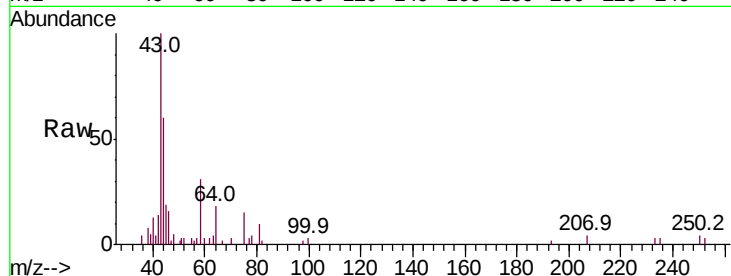
F9W06

Tot Ion: 43 Resp: 14245

Ion Ratio Lower Upper

43 100

58 34.4 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 258.434 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

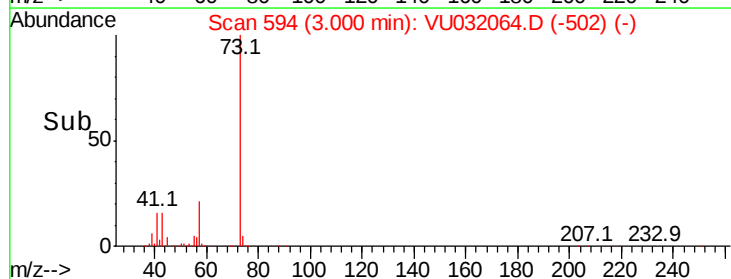
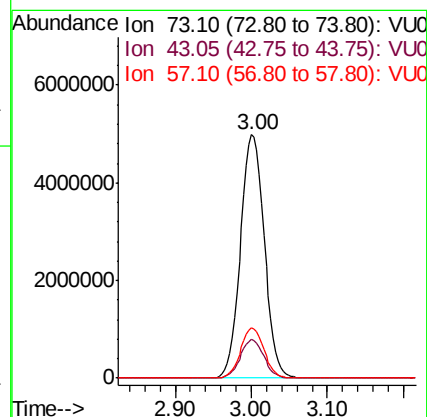
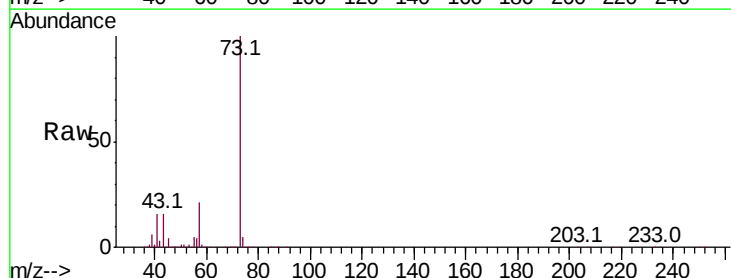
Tgt Ion: 73 Resp: 10845834

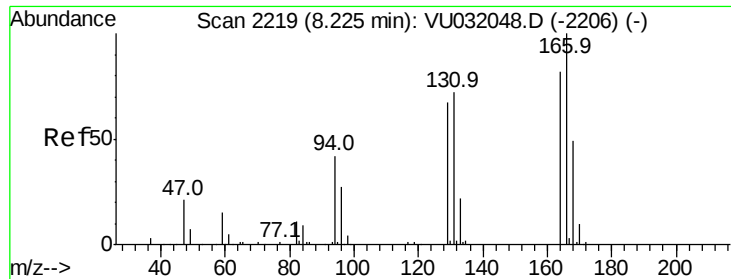
Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

57 20.4 17.9 26.9





#47

Tetrachloroethene

Concen: 0.197 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032064.D

Acq: 16 May 2019 21:29

Instrument :
MSVOA_U
ClientSampleId :
F9W06

Tot Ion:164 Resp: 2511

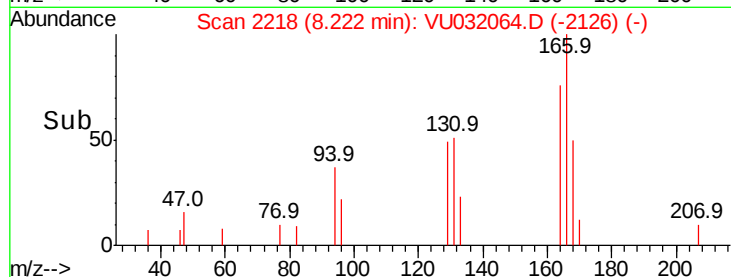
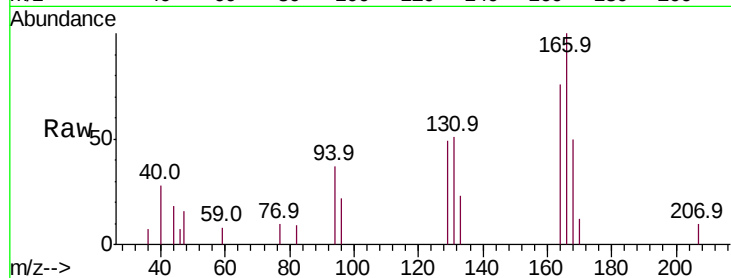
Ion Ratio Lower Upper

164 100

129 64.2 70.3 130.5#

131 66.3 64.5 119.9

166 130.8 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

