

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U051619\
 Data File : VU032063.D
 Acq On : 16 May 2019 21:04
 Operator : JC/SP
 Sample : K2850-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W05

Quant Time: May 17 08:16:50 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	432391	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	400904	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	157220	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	153361	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.68	69	128748	4.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.80%
11) 1,1-Dichloroethene-d2	2.27	63	217219	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	4.20	46	280273	39.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	78.40%
24) Chloroform-d	4.64	84	264660	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
26) 1,2-Dichloroethane-d4	5.31	65	133492	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
32) Benzene-d6	5.33	84	552075	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	6.33	67	163564	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.56	98	463047	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	7.85	79	54584	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.31	63	250478	43.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.20%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	126821	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	160656	4.82	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.40%

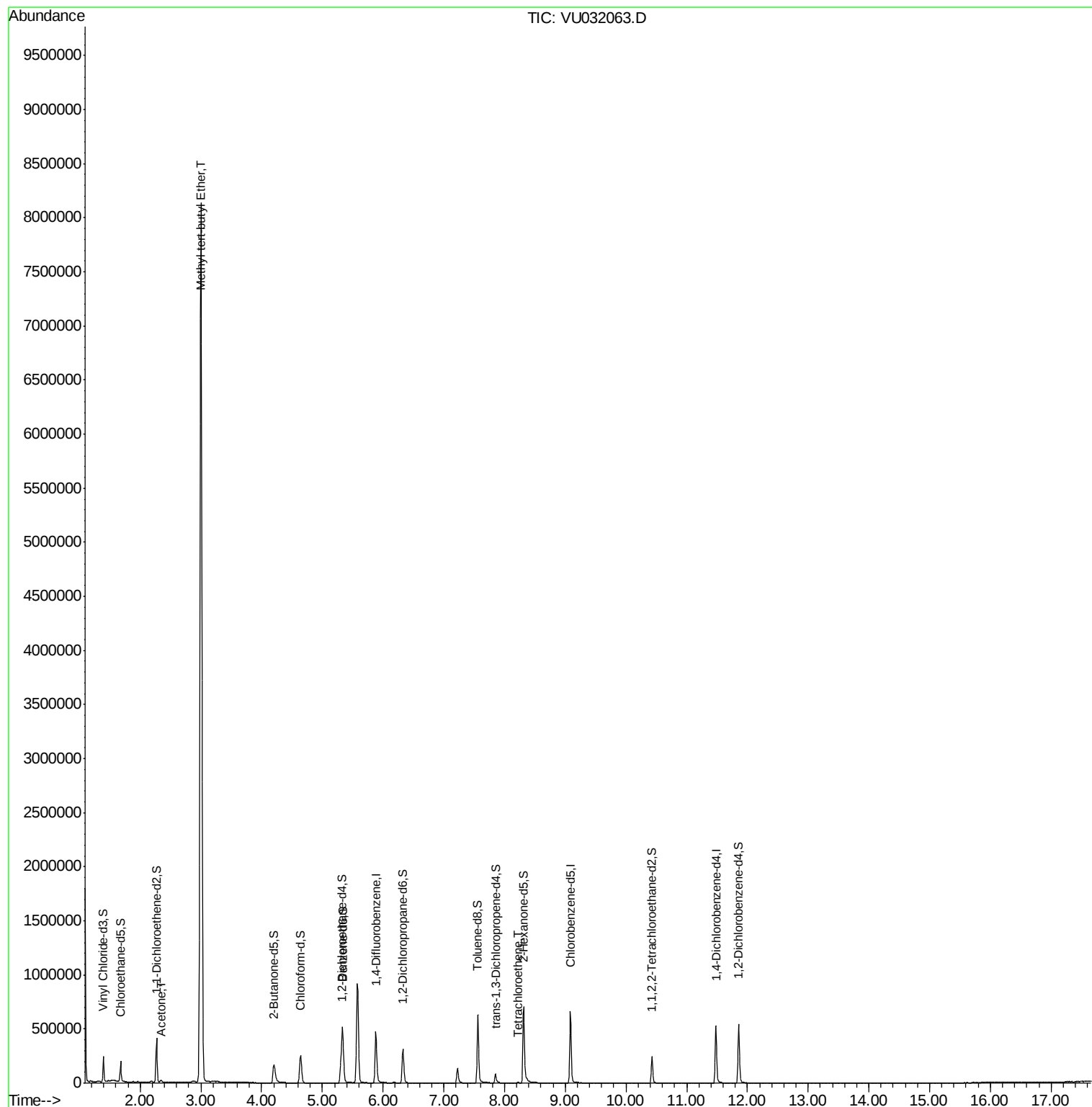
Target Compounds					Ovalue
13) Acetone	2.33	43	14347	6.112	ug/L 90
17) Methyl tert-butyl Ether	3.00	73	9515135	233.082	ug/L 97
47) Tetrachloroethene	8.23	164	2522	0.202	ug/L 80

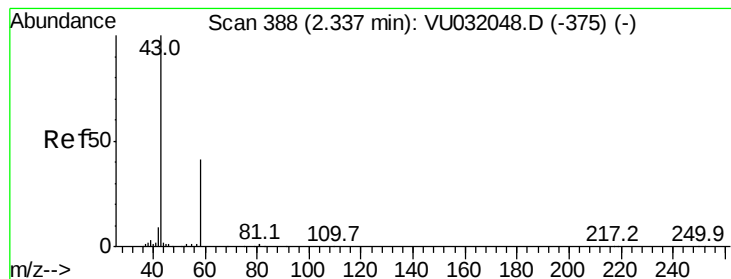
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.112 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.00 min

Lab File: VU032063.D

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Instrument :

MSVOA_U

ClientSampleId :

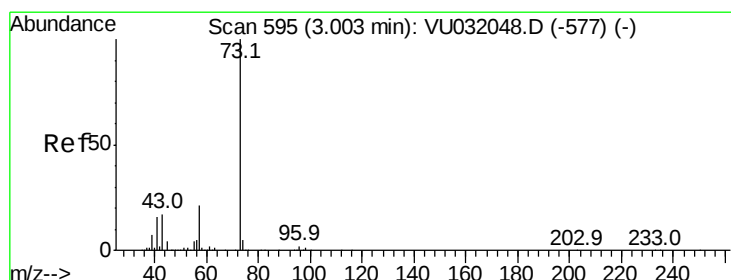
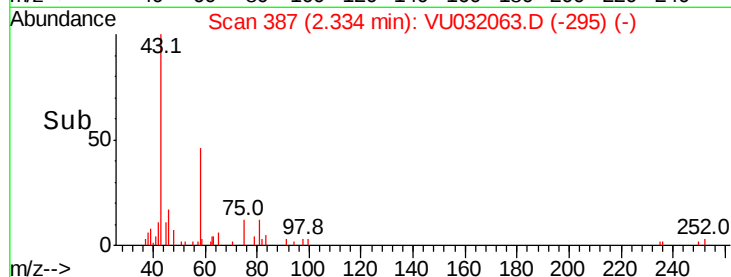
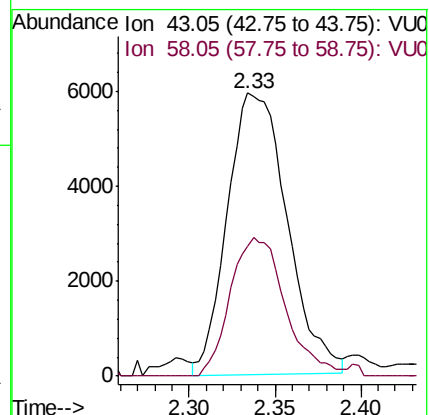
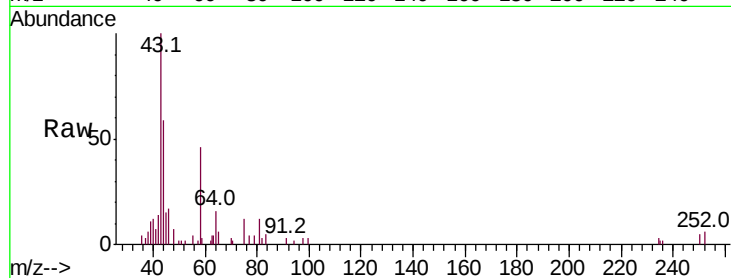
F9W05

Tot Ion: 43 Resp: 14347

Ion Ratio Lower Upper

43 100

58 45.4 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 233.082 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

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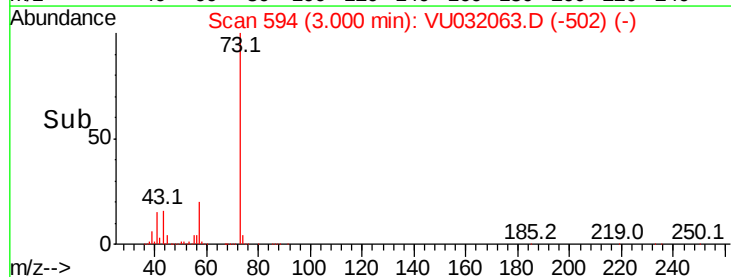
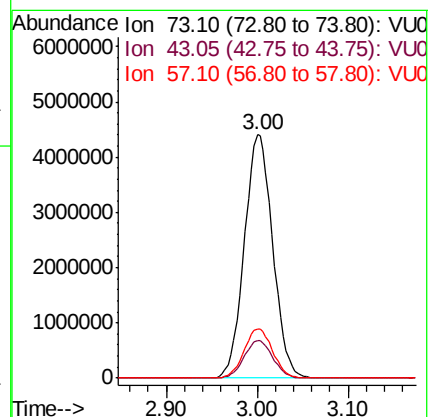
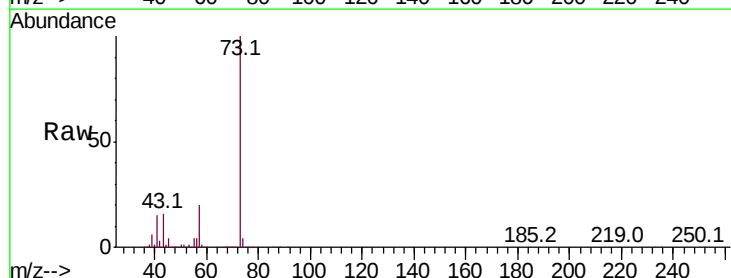
Tgt Ion: 73 Resp: 9515135

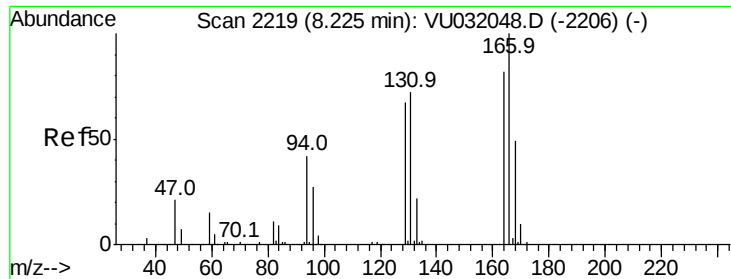
Ion Ratio Lower Upper

73 100

43 15.6 13.0 19.6

57 20.5 17.9 26.9





#47

Tetrachloroethene

Concen: 0.202 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.00 min

Lab File: VU032063.D

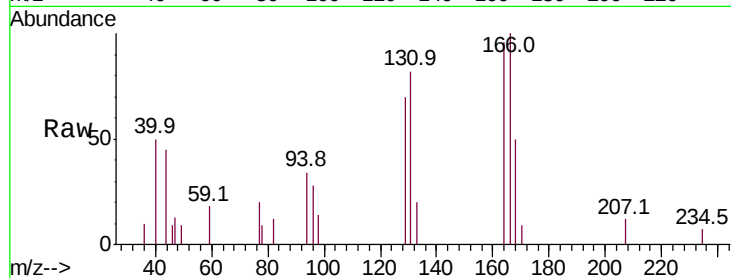
Acq: 16 May 2019 21:04

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Tot Ion:164 Resp: 2522

Ion Ratio Lower Upper

164 100

129 73.1 70.3 130.5

131 85.8 64.5 119.9

166 104.4 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

