

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032127.D
 Acq On : 18 May 2019 02:56
 Operator : JC/SP
 Sample : K2860-02
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W29

Quant Time: May 18 06:21:21 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	358014	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	365278	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	147389	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	109214	3.62	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.40%
7) Chloroethane-d5	1.68	69	98690	3.83	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	76.60%
11) 1,1-Dichloroethene-d2	2.27	63	159879	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	4.20	46	264808	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	4.64	84	219765	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	115132	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.33	84	445413	4.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.00%
36) 1,2-Dichloropropane-d6	6.33	67	133770	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.56	98	362933	3.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.00%
43) trans-1,3-Dichloropropene-	7.85	79	44272	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	8.31	63	230352	43.51	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	118179	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	145959	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

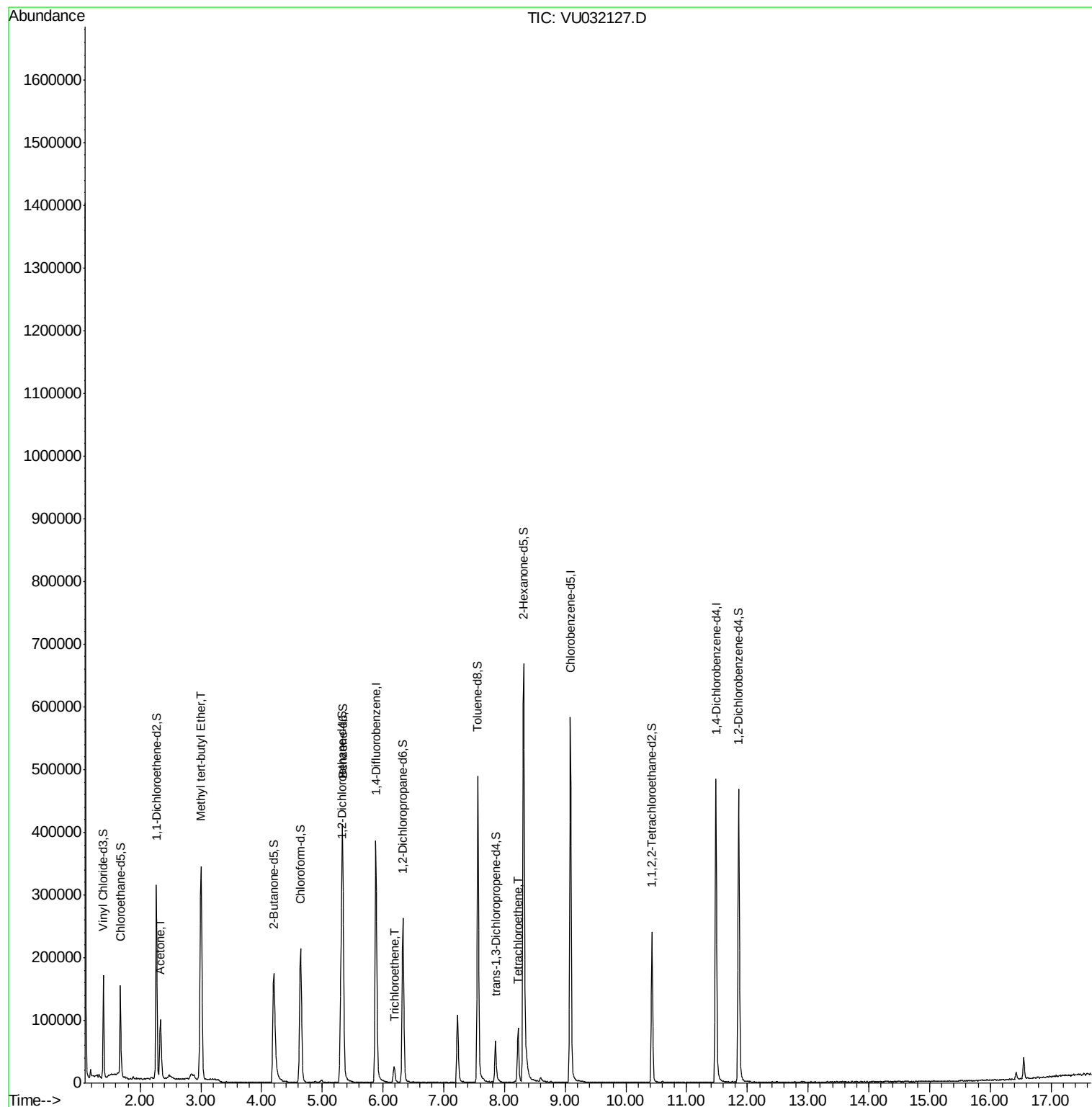
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.33	43	104317	53.669	ug/L	96
17) Methyl tert-butyl Ether	3.00	73	397071	11.747	ug/L	96
34) Trichloroethene	6.18	95	7847	0.516	ug/L	87
47) Tetrachloroethene	8.23	164	22243	1.956	ug/L	93

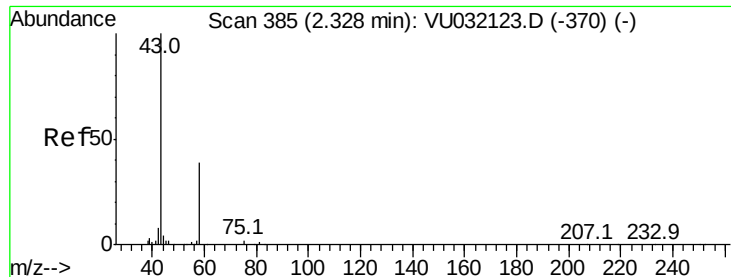
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 53.669 ug/L

RT: 2.33 min Scan# 387

Delta R.T. 0.01 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

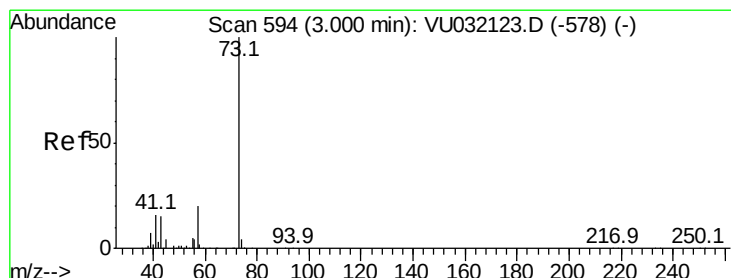
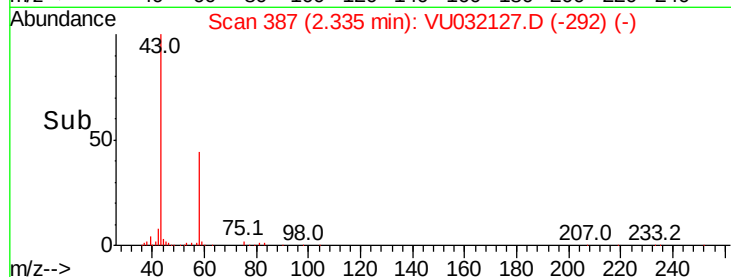
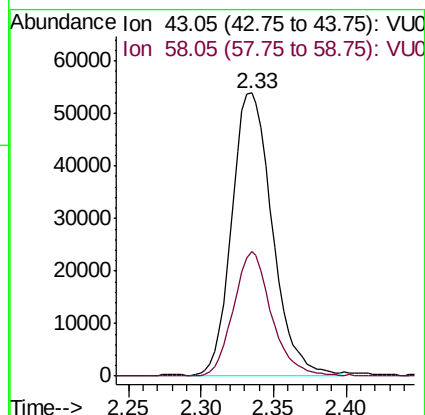
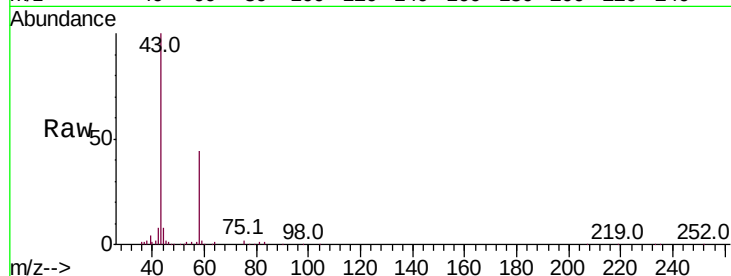
F9W29

Tot Ion: 43 Resp: 104317

Ion Ratio Lower Upper

43 100

58 41.6 0.0 78.8



#17

Methyl tert-butyl Ether

Concen: 11.747 ug/L

RT: 3.00 min Scan# 594

Delta R.T. 0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

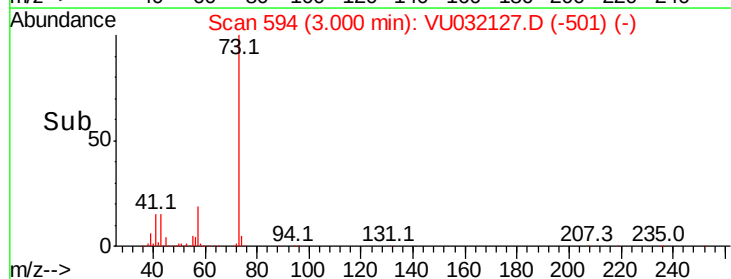
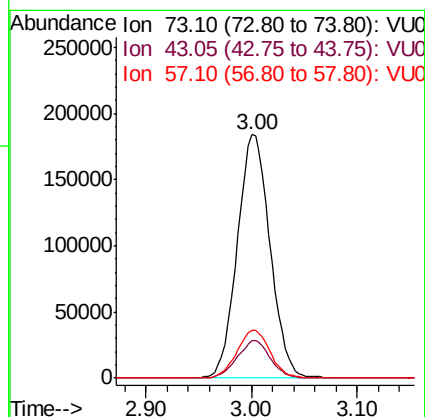
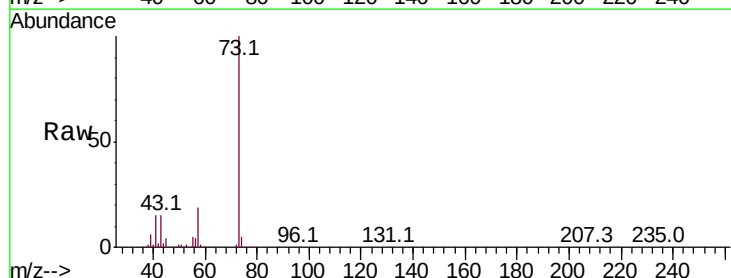
Tgt Ion: 73 Resp: 397071

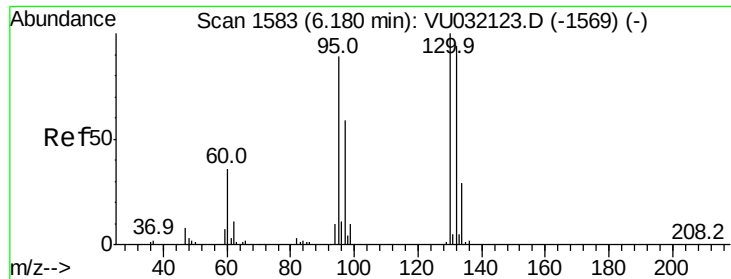
Ion Ratio Lower Upper

73 100

43 15.7 13.0 19.6

57 19.8 17.9 26.9





#34

Trichloroethene

Concen: 0.516 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Instrument :

MSVOA_U

ClientSampleId :

F9W29

Tot Ion: 95 Resp: 7847

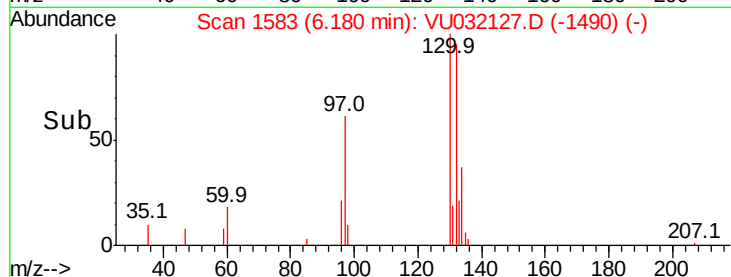
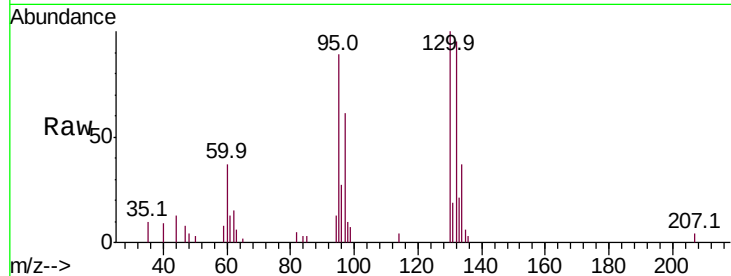
Ion Ratio Lower Upper

95 100

97 69.1 45.2 84.0

132 107.1 66.1 122.7

130 112.9 66.7 123.9

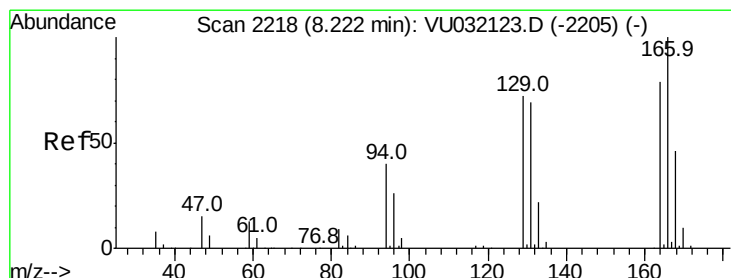
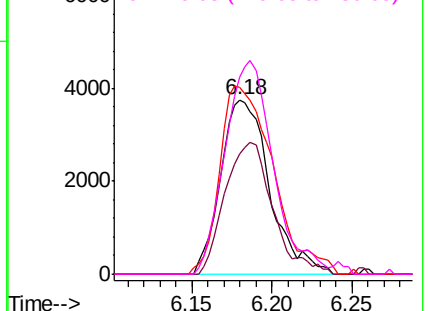


Abundance Ion 95.00 (94.70 to 95.70): VU032127.D (-1490) (-)

Ion 96.95 (96.65 to 97.65): VU032127.D (-1490) (-)

Ion 131.95 (131.65 to 132.65): VU032127.D (-1490) (-)

Ion 129.95 (129.65 to 130.65): VU032127.D (-1490) (-)



#47

Tetrachloroethene

Concen: 1.956 ug/L

RT: 8.23 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032127.D

Acq: 18 May 2019 02:56

Tgt Ion: 164 Resp: 22243

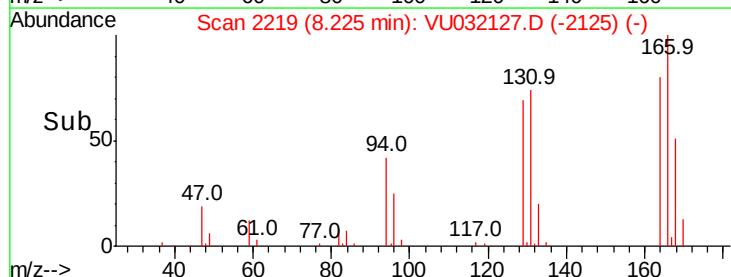
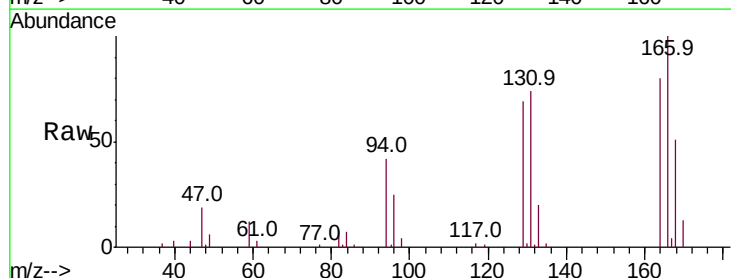
Ion Ratio Lower Upper

164 100

129 86.5 70.3 130.5

131 93.0 64.5 119.9

166 125.3 92.3 171.5



Abundance Ion 163.90 (163.60 to 164.60): VU032127.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032127.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032127.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032127.D (-2125) (-)

