

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\
 Data File : VU032079.D
 Acq On : 17 May 2019 04:32
 Operator : JC/SP
 Sample : K2850-20
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W18

Quant Time: May 17 12:30:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri May 17 08:41:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	377482	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	394434	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	149834	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	146316	4.60	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.00%
7) Chloroethane-d5	1.68	69	125854	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.60%
11) 1,1-Dichloroethene-d2	2.27	63	203652	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.40%
20) 2-Butanone-d5	4.20	46	272338	43.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.26%
24) Chloroform-d	4.64	84	254822	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.31	65	126093	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	5.33	84	527655	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.33	67	151808	4.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.40%
41) Toluene-d8	7.56	98	439779	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
43) trans-1,3-Dichloropropene-	7.85	79	51378	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.31	63	233923	40.91	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.82%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	124811	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	155208	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

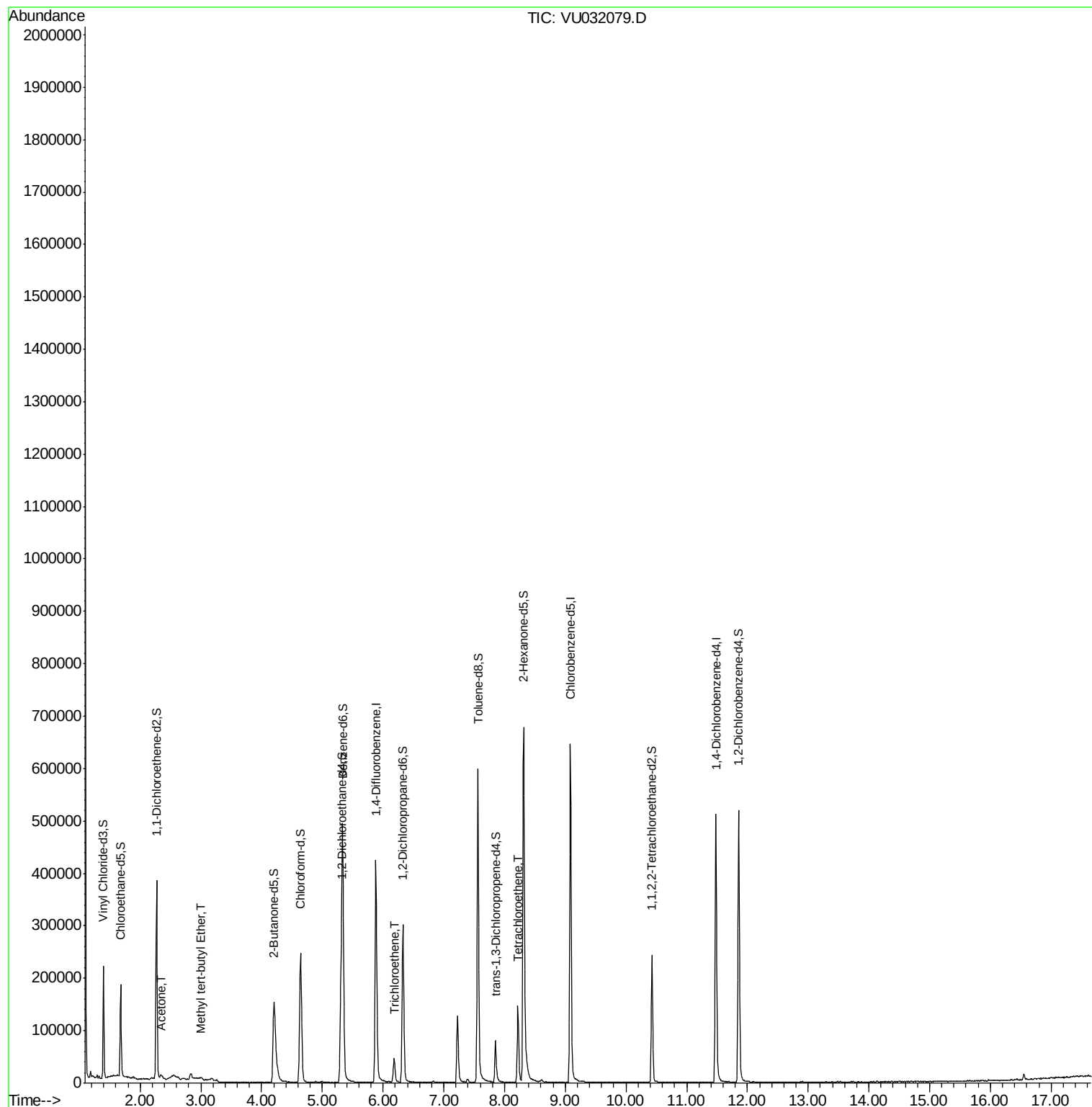
					Ovalue
13) Acetone	2.35	43	6192	3.021 ug/L	83
17) Methyl tert-butyl Ether	3.00	73	4360	0.122 ug/L #	81
34) Trichloroethene	6.18	95	16725	1.018 ug/L	92
47) Tetrachloroethene	8.22	164	38175	3.108 ug/L	87

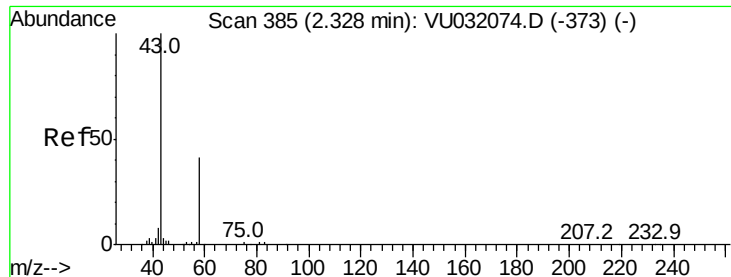
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051619\
Data File : VU032079.D
Acq On : 17 May 2019 04:32
Operator : JC/SP
Sample : K2850-20
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W18

Quant Time: May 17 12:30:13 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 17 08:41:24 2019
Response via : Initial Calibration





#13

Acetone

Concen: 3.021 ug/L

RT: 2.35 min Scan# 393

Delta R.T. 0.03 min

Lab File: VU032079.D

Acq: 17 May 2019 04:32

Instrument :

MSVOA_U

ClientSampled :

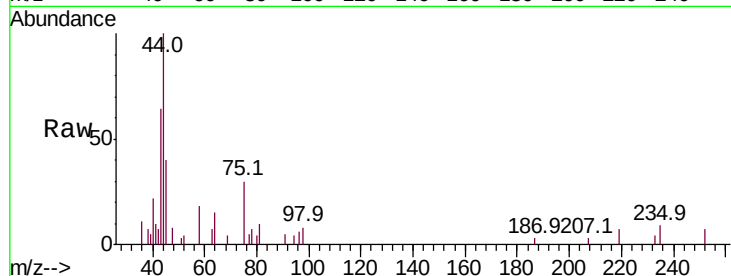
F9W18

Tot Ion: 43 Resp: 6192

Ion Ratio Lower Upper

43 100

58 29.0 0.0 78.8



Abundance Ion 43.05 (42.75 to 43.75): VU032079.D (-393) (-)

Ion 58.05 (57.75 to 58.75): VU032079.D (-393) (-)

2500

2000

1500

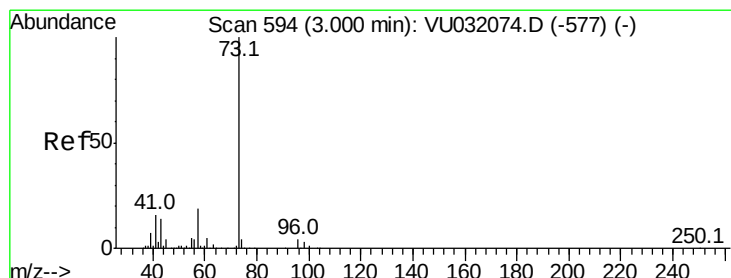
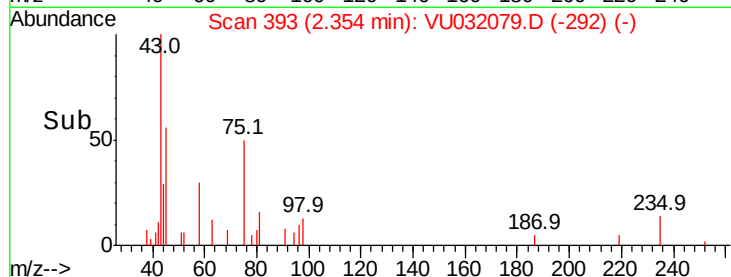
1000

500

0

2.25 2.30 2.35 2.40 2.45

Time-->



#17

Methyl tert-butyl Ether

Concen: 0.122 ug/L

RT: 3.00 min Scan# 594

Delta R.T. -0.00 min

Lab File: VU032079.D

Acq: 17 May 2019 04:32

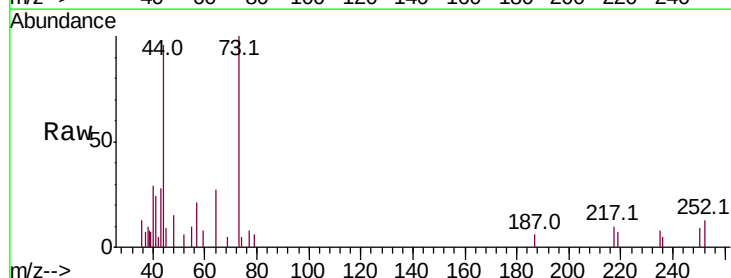
Tgt Ion: 73 Resp: 4360

Ion Ratio Lower Upper

73 100

43 28.1 13.0 19.6#

57 16.7 17.9 26.9#



Abundance Ion 73.10 (72.80 to 73.80): VU032079.D (-594) (-)

Ion 43.05 (42.75 to 43.75): VU032079.D (-594) (-)

Ion 57.10 (56.80 to 57.80): VU032079.D (-594) (-)

2500

2000

1500

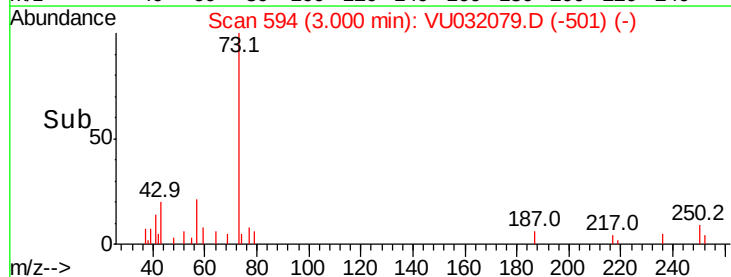
1000

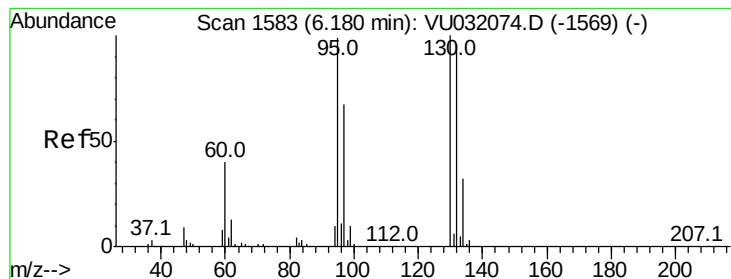
500

0

2.95 3.00 3.05

Time-->





#34

Trichloroethene

Concen: 1.018 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU032079.D

Acq: 17 May 2019 04:32

Instrument :

MSVOA_U

ClientSampleId :

F9W18

Tot Ion: 95 Resp: 16725

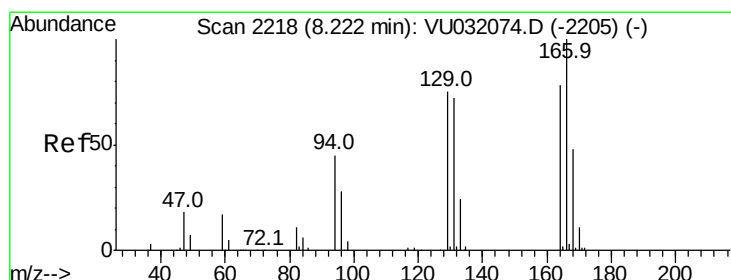
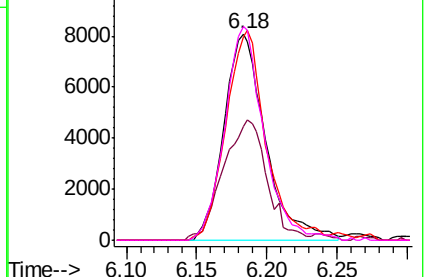
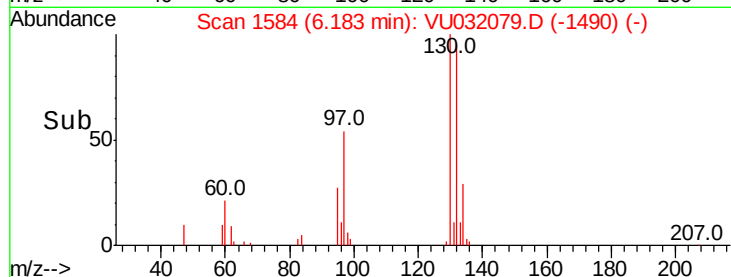
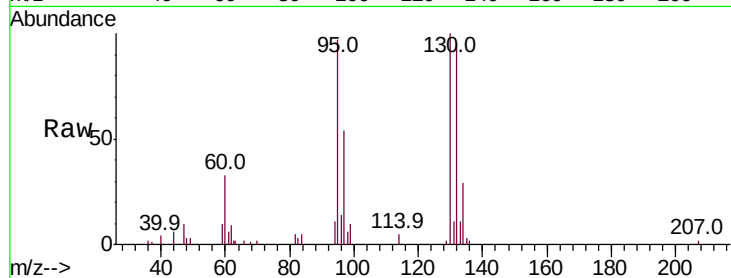
Ion Ratio Lower Upper

95 100

97 55.4 45.2 84.0

132 98.5 66.1 122.7

130 103.5 66.7 123.9



#47

Tetrachloroethene

Concen: 3.108 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU032079.D

Acq: 17 May 2019 04:32

Tgt Ion: 164 Resp: 38175

Ion Ratio Lower Upper

164 100

129 85.4 70.3 130.5

131 85.1 64.5 119.9

166 114.0 92.3 171.5

