

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051719\
 Data File : VU032114.D
 Acq On : 17 May 2019 20:42
 Operator : JC/SP
 Sample : K2850-11DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9W11DL

Quant Time: May 20 10:29:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 18 04:08:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	360588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	380391	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	150361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	116911	3.85	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.00%
7) Chloroethane-d5	1.68	69	100760	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	2.27	63	163952	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	4.20	46	265331	44.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.98%
24) Chloroform-d	4.64	84	221160	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.31	65	113534	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.40%
32) Benzene-d6	5.33	84	450253	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	6.33	67	135732	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.56	98	370022	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
43) trans-1,3-Dichloropropene-	7.85	79	45338	3.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.20%
46) 2-Hexanone-d5	8.31	63	223245	40.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.98%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	122936	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	140380	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

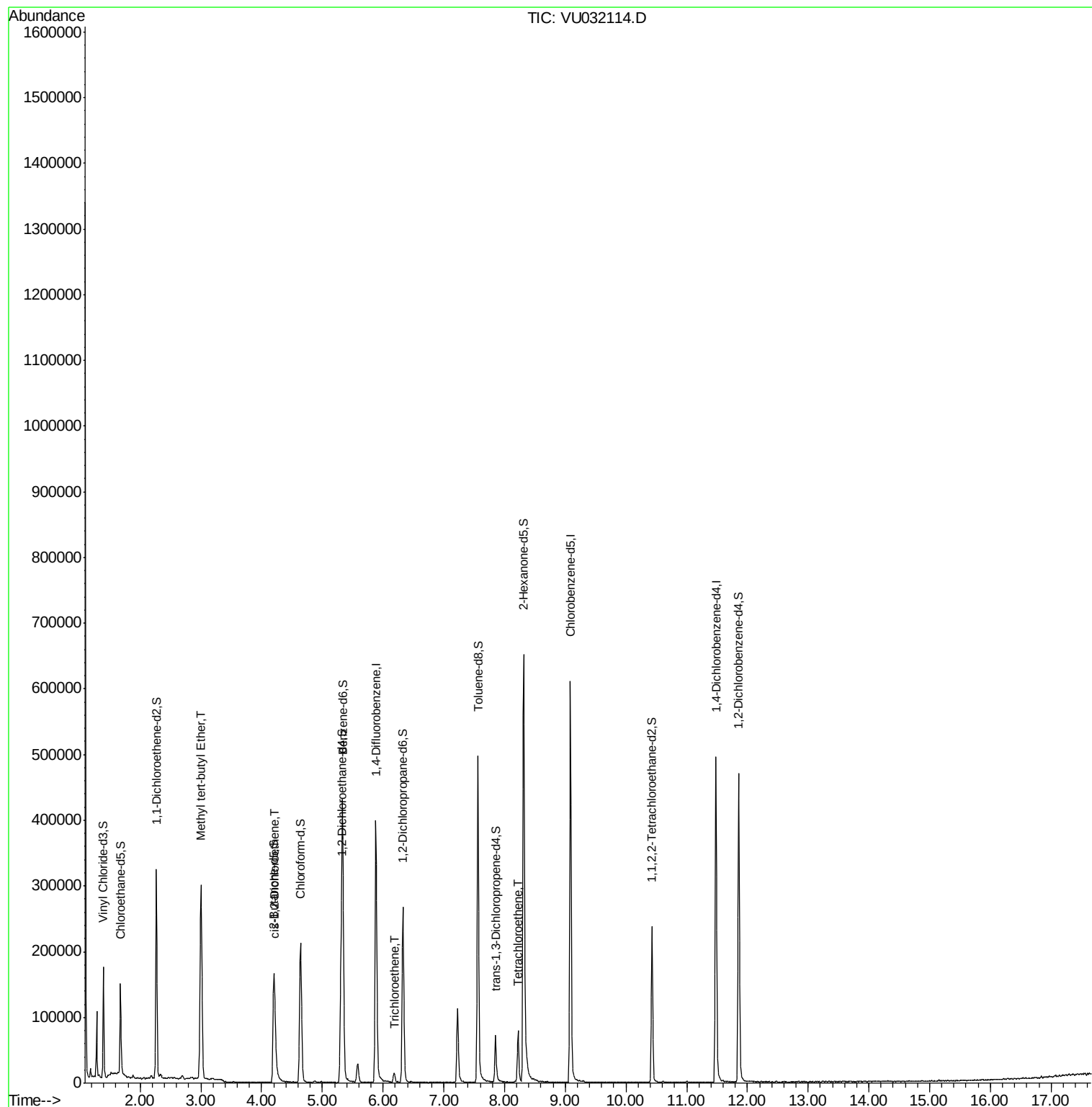
					Ovalue
17) Methyl tert-butyl Ether	3.00	73	348152	10.227 ug/L	96
22) cis-1,2-Dichloroethene	4.22	96	2212	0.145 ug/L	87
34) Trichloroethene	6.19	95	5245	0.331 ug/L #	81
47) Tetrachloroethene	8.22	164	19962	1.685 ug/L	97

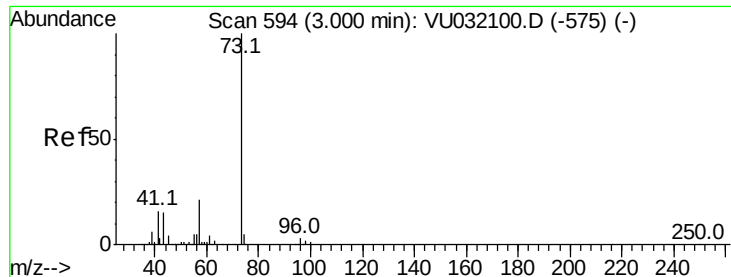
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU051719\
Data File : VU032114.D
Acq On : 17 May 2019 20:42
Operator : JC/SP
Sample : K2850-11DL 10X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W11DL

Quant Time: May 20 10:29:09 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 18 04:08:35 2019
Response via : Initial Calibration





#17

Methyl tert-butyl Ether

Concen: 10.227 ug/L

RT: 3.00 min Scan# 595

Delta R.T. 0.00 min

Lab File: VU032114.D

Acq: 17 May 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

F9W11DL

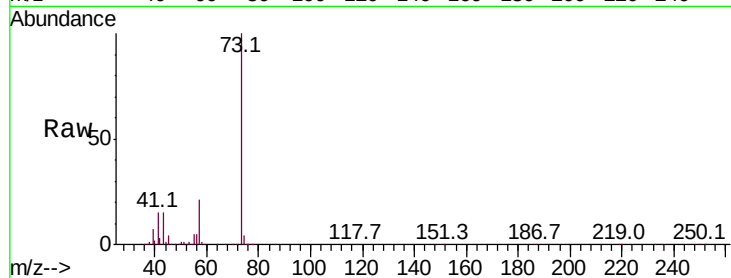
Tot Ion: 73 Resp: 348152

Ion Ratio Lower Upper

73 100

43 15.1 13.0 19.6

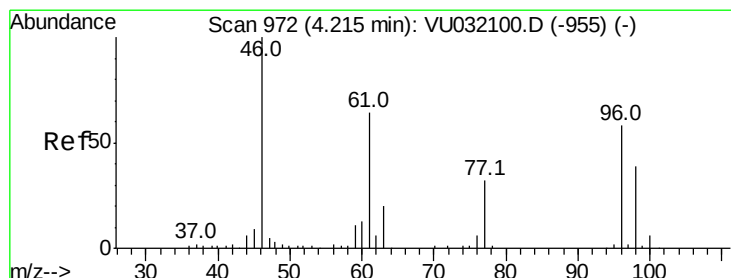
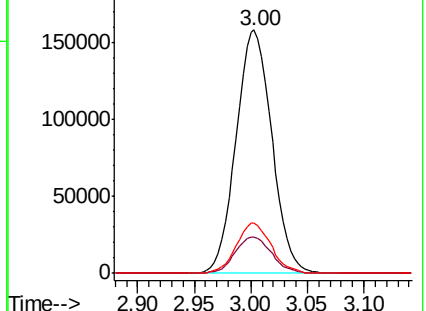
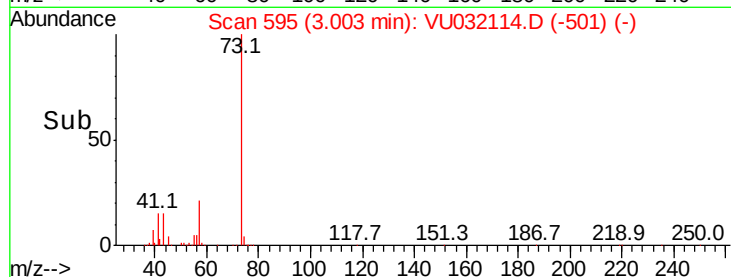
57 20.1 17.9 26.9



Abundance Ion 73.10 (72.80 to 73.80): VU032114.D (-501) (-)

Ion 43.05 (42.75 to 43.75): VU032114.D (-501) (-)

Ion 57.10 (56.80 to 57.80): VU032114.D (-501) (-)



#22

cis-1,2-Dichloroethene

Concen: 0.145 ug/L

RT: 4.22 min Scan# 974

Delta R.T. 0.01 min

Lab File: VU032114.D

Acq: 17 May 2019 20:42

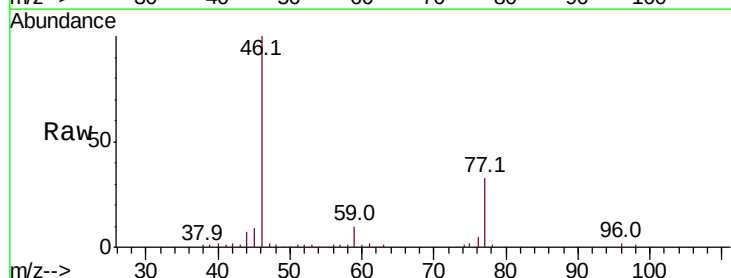
Tgt Ion: 96 Resp: 2212

Ion Ratio Lower Upper

96 100

61 108.0 85.8 159.4

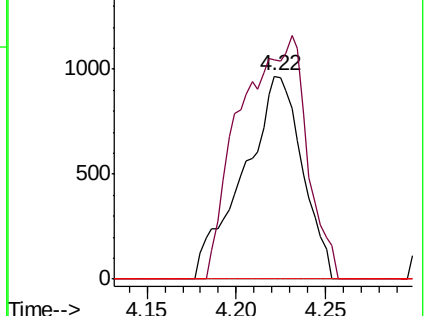
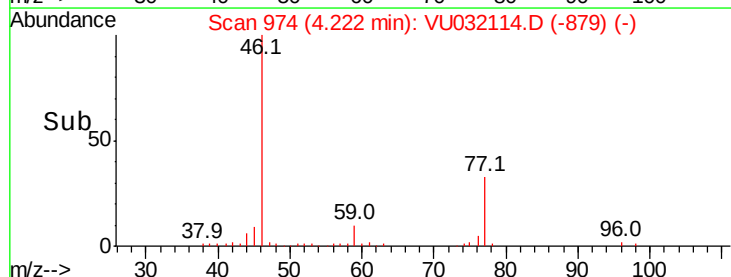
68 0.0 0.0 0.0

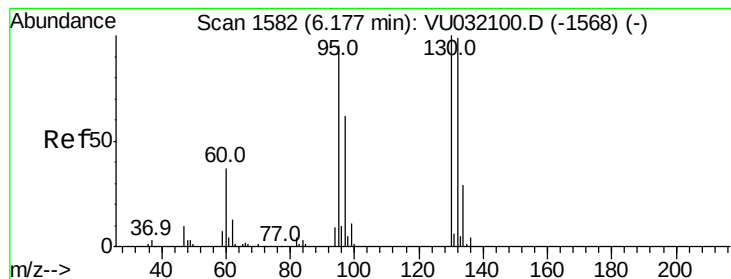


Abundance Ion 96.00 (95.70 to 96.70): VU032114.D (-879) (-)

Ion 61.05 (60.75 to 61.75): VU032114.D (-879) (-)

Ion 68.15 (67.85 to 68.85): VU032114.D (-879) (-)





#34

Trichloroethene

Concen: 0.331 ug/L

RT: 6.19 min Scan# 1586

Delta R.T. 0.01 min

Lab File: VU032114.D

Acq: 17 May 2019 20:42

Instrument :

MSVOA_U

ClientSampleId :

F9W11DL

Tot Ion: 95 Resp: 5245

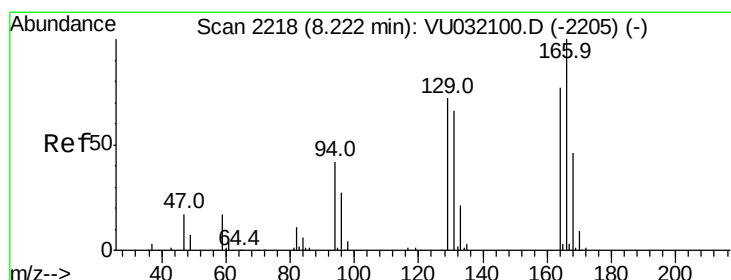
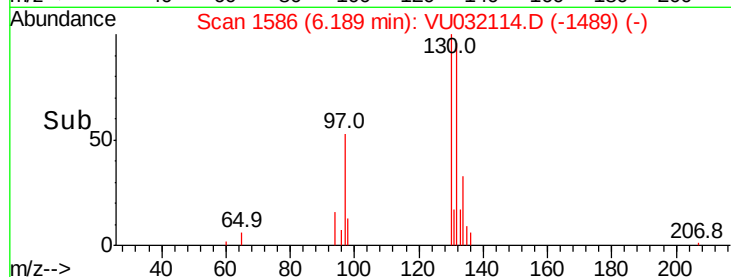
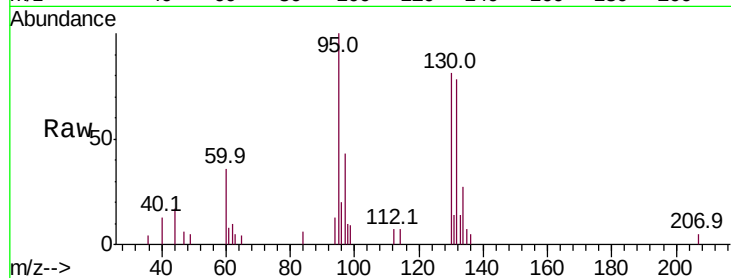
Ion Ratio Lower Upper

95 100

97 42.6 45.2 84.0#

132 77.6 66.1 122.7

130 81.0 66.7 123.9



#47

Tetrachloroethene

Concen: 1.685 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032114.D

Acq: 17 May 2019 20:42

Tgt Ion: 164 Resp: 19962

Ion Ratio Lower Upper

164 100

129 91.6 70.3 130.5

131 90.2 64.5 119.9

166 132.3 92.3 171.5

