

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032784.D
 Acq On : 17 Jun 2019 15:55
 Operator : JC/SP
 Sample : K3383-04
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK3

Quant Time: Jun 18 03:51:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jun 18 02:39:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	226885	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	214663	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	107778	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74668	48.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	96.32%
7) Chloroethane-d5	1.68	69	60823	49.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.36%
11) 1,1-Dichloroethene-d2	2.27	63	113666	36.39	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.78%
21) 2-Butanone-d5	4.17	46	120944	93.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.71%
24) Chloroform-d	4.64	84	143251	47.52	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.04%
26) 1,2-Dichloroethane-d4	5.30	65	99124	49.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.74%
32) Benzene-d6	5.33	84	288470	51.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	103.10%
36) 1,2-Dichloropropane-d6	6.32	67	92344	51.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	103.60%
41) Toluene-d8	7.56	98	267231	50.99	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.98%
43) trans-1,3-Dichloropropene-	7.85	79	44443	47.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.86%
47) 2-Hexanone-d5	8.31	63	80017	96.13	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	96.13%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	129411	46.96	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.92%
64) 1,2-Dichlorobenzene-d4	11.85	152	105958	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%

Target Compounds

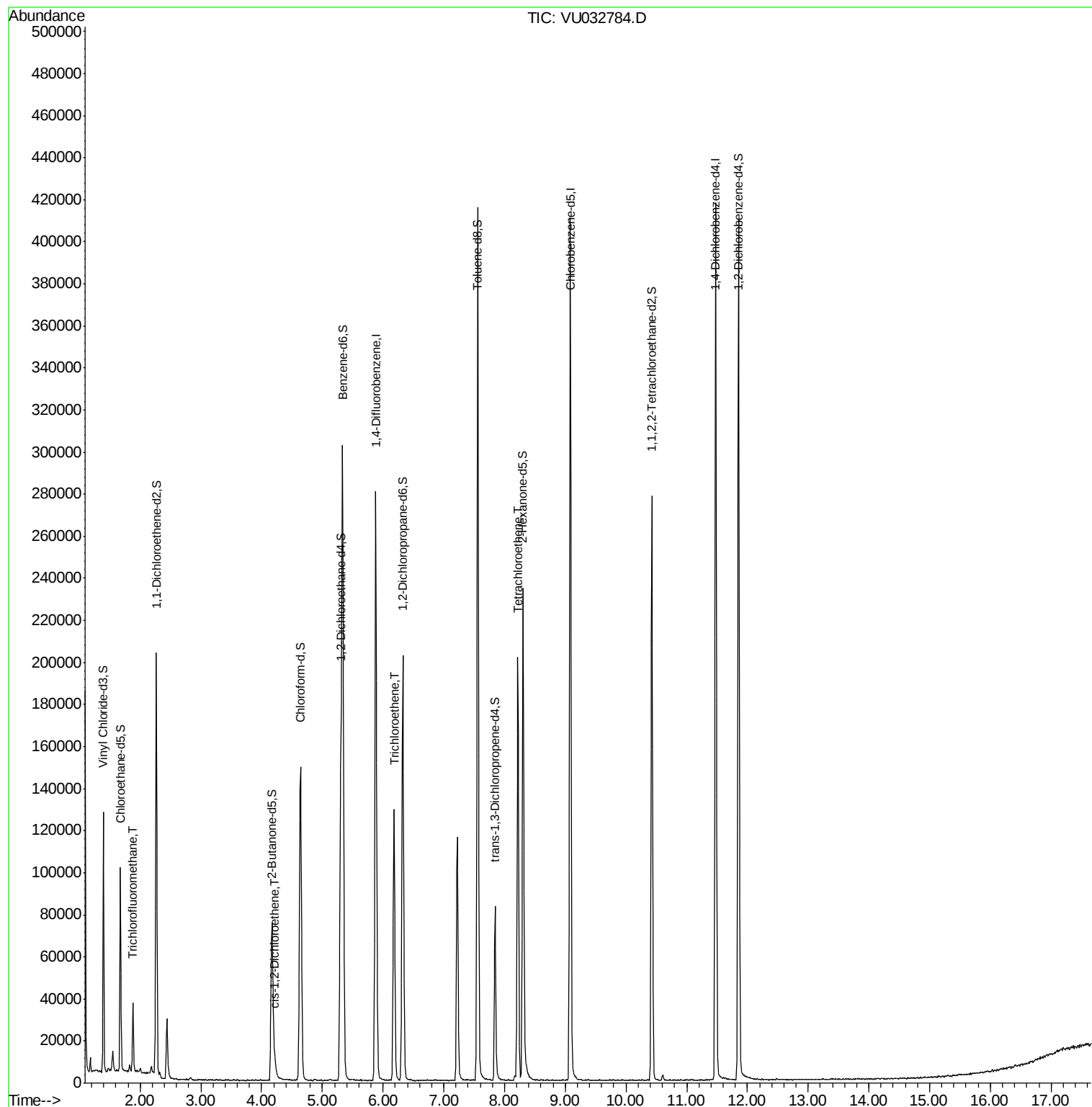
					Ovalue
9) Trichlorofluoromethane	1.88	101	16924	5.855 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	1656	0.981 ug/L	93
34) Trichloroethene	6.18	95	42001	25.421 ug/L	98
46) Tetrachloroethene	8.22	164	42867	31.662 ug/L	98

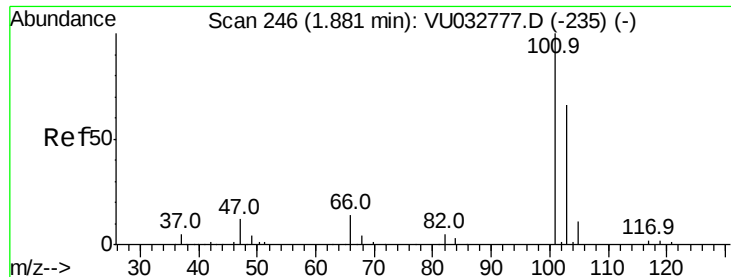
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 5.855 ug/L

RT: 1.88 min Scan# 246

Delta R.T. -0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

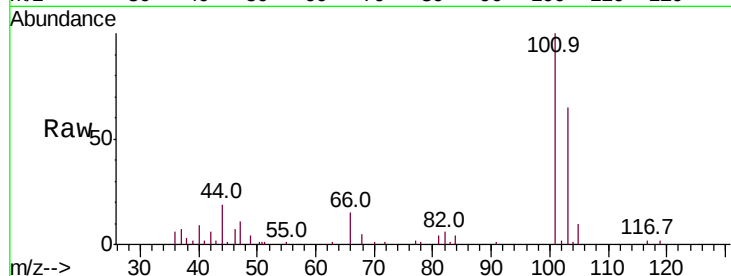
C0XK3

Tot Ion:101 Resp: 16924

Ion Ratio Lower Upper

101 100

103 62.6 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

1.88

10000

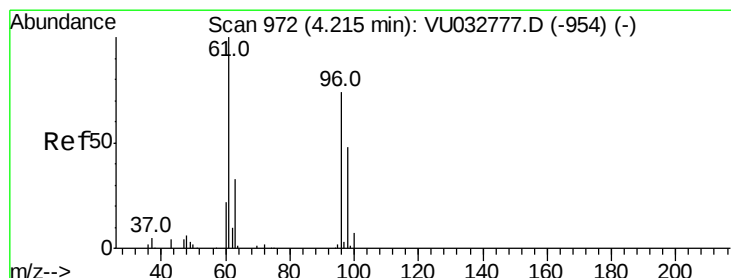
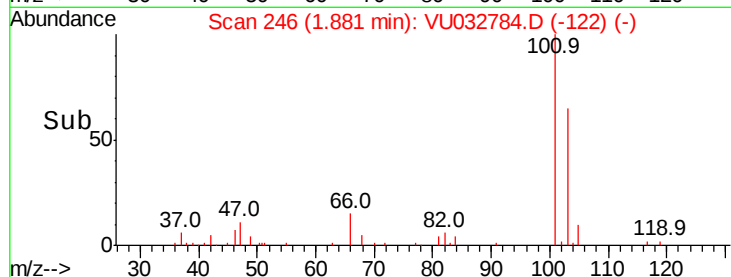
5000

0

Time-->

1.85

1.90



#20

cis-1,2-Dichloroethene

Concen: 0.981 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.01 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

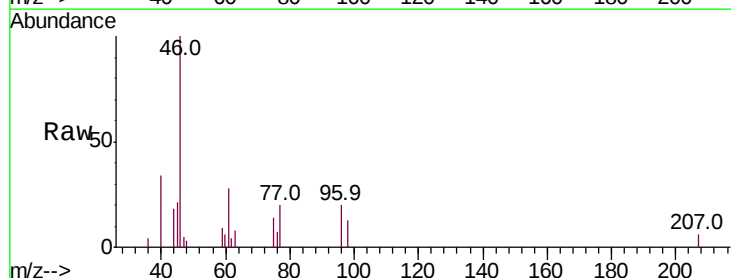
Tgt Ion: 96 Resp: 1656

Ion Ratio Lower Upper

96 100

61 140.2 92.4 171.6

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

4.22

1000

500

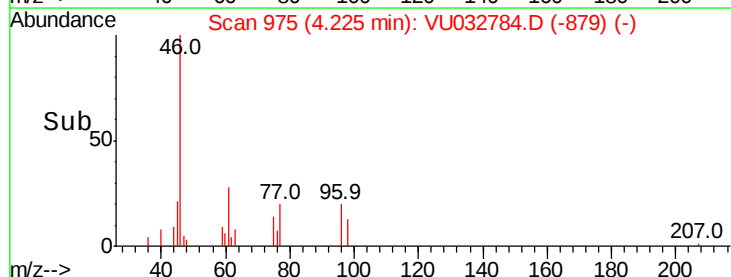
0

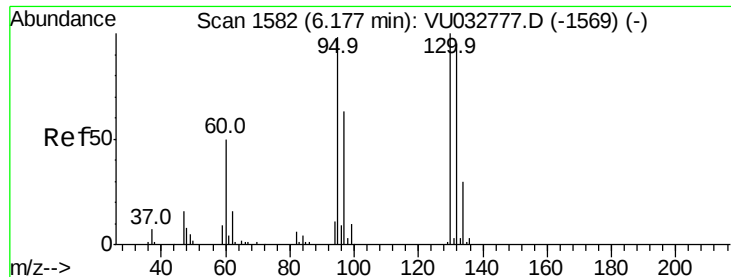
Time-->

4.15

4.20

4.25





#34

Trichloroethene

Concen: 25.421 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Instrument :

MSVOA_U

ClientSampleId :

C0XK3

Tot Ion: 95 Resp: 42001

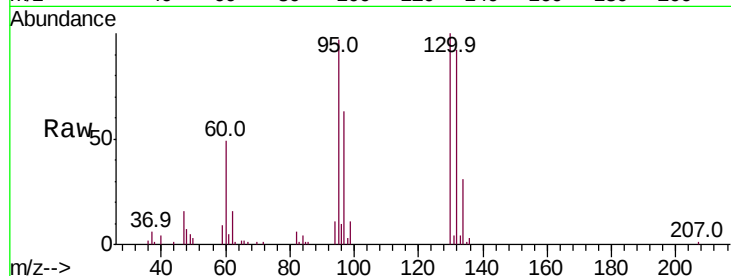
Ion Ratio Lower Upper

95 100

97 64.7 45.9 85.3

132 94.7 68.5 127.3

130 103.3 70.8 131.4

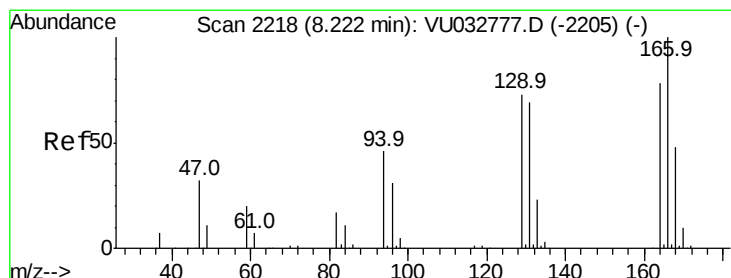
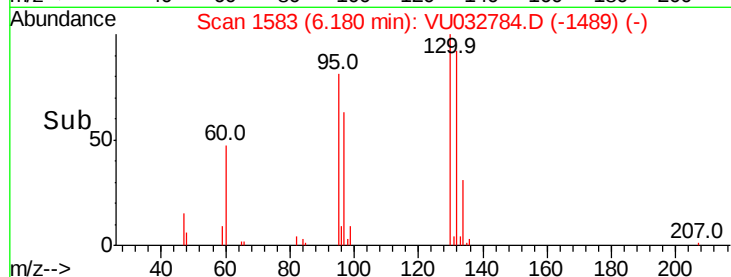
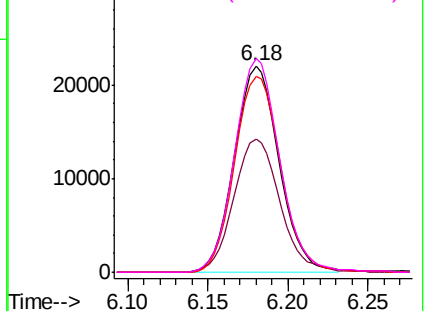


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 97.00 (96.70 to 97.70): VU0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#46

Tetrachloroethene

Concen: 31.662 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU032784.D

Acq: 17 Jun 2019 15:55

Tgt Ion:164 Resp: 42867

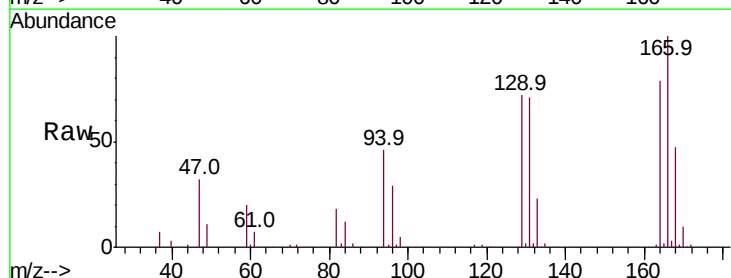
Ion Ratio Lower Upper

164 100

129 91.2 64.8 120.3

131 89.8 64.5 119.7

166 126.8 91.3 169.6



Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V

