

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\
 Data File : VU032781.D
 Acq On : 17 Jun 2019 14:46
 Operator : JC/SP
 Sample : K3383-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0XK6

Quant Time: Jun 18 03:42:13 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	222974	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	214277	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	104535	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	74772	49.07	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	98.14%
7) Chloroethane-d5	1.68	69	60672	49.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	99.84%
11) 1,1-Dichloroethene-d2	2.27	63	114300	37.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	74.46%
21) 2-Butanone-d5	4.17	46	129361	101.99	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	101.99%
24) Chloroform-d	4.64	84	144110	48.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.30%
26) 1,2-Dichloroethane-d4	5.30	65	100485	50.92	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	101.84%
32) Benzene-d6	5.33	84	285935	51.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	102.38%
36) 1,2-Dichloropropane-d6	6.32	67	93205	52.38	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	104.76%
41) Toluene-d8	7.56	98	265739	50.80	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.84	79	46126	49.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	99.66%
47) 2-Hexanone-d5	8.31	63	84444	101.63	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	101.63%
57) 1,1,2,2-Tetrachloroethane-	10.42	84	131019	47.63	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.26%
64) 1,2-Dichlorobenzene-d4	11.86	152	105720	52.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	104.52%

Target Compounds

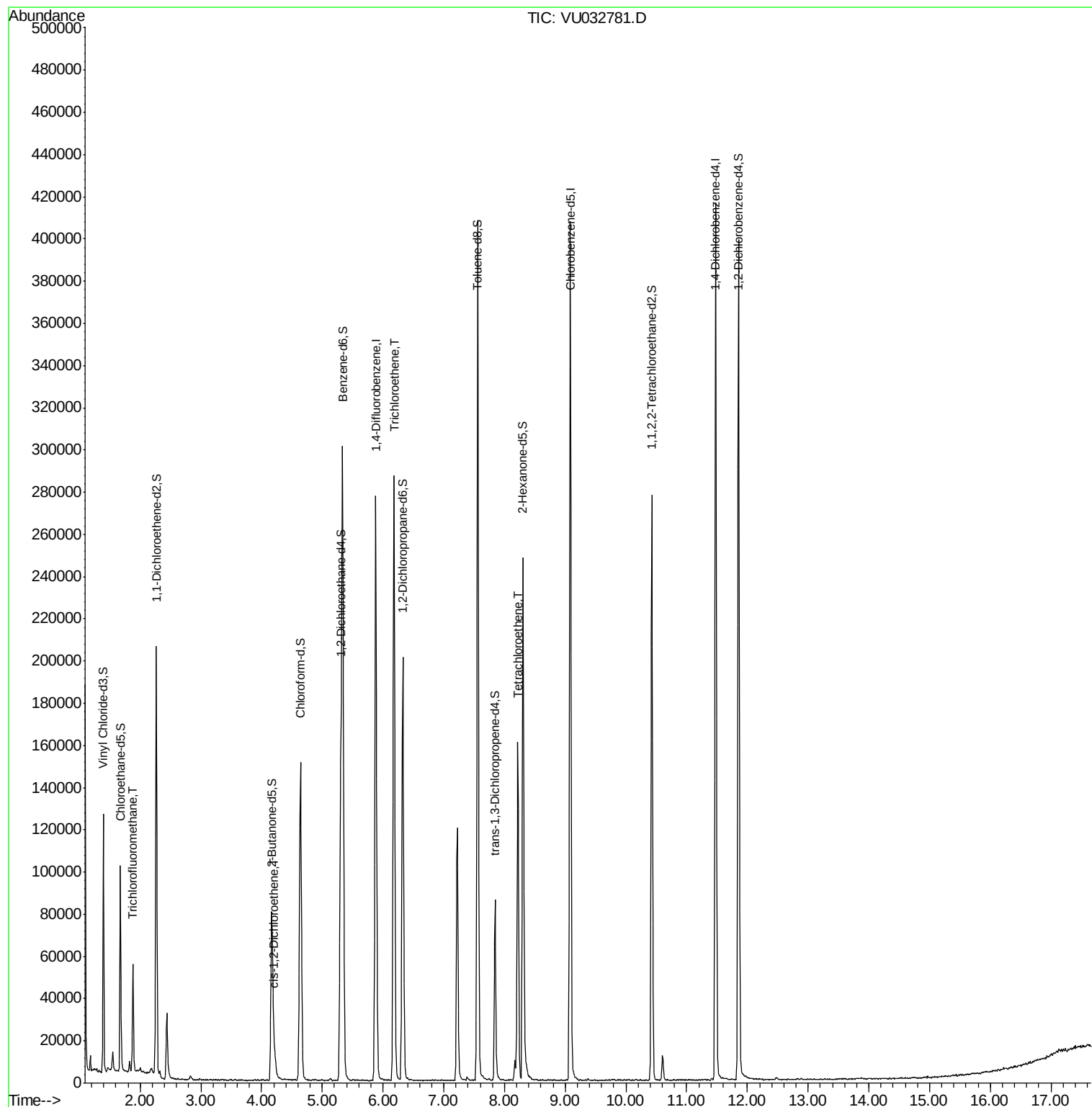
					Ovalue
9) Trichlorofluoromethane	1.88	101	27816	9.792 ug/L	99
20) cis-1,2-Dichloroethene	4.21	96	2869	1.730 ug/L	91
34) Trichloroethene	6.18	95	94574	57.343 ug/L	99
46) Tetrachloroethene	8.22	164	35113	25.982 ug/L	97

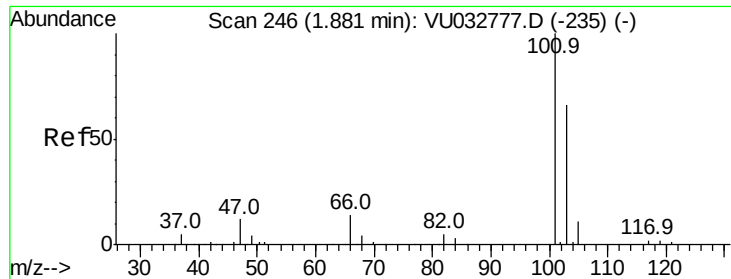
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 9.792 ug/L

RT: 1.88 min Scan# 246

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

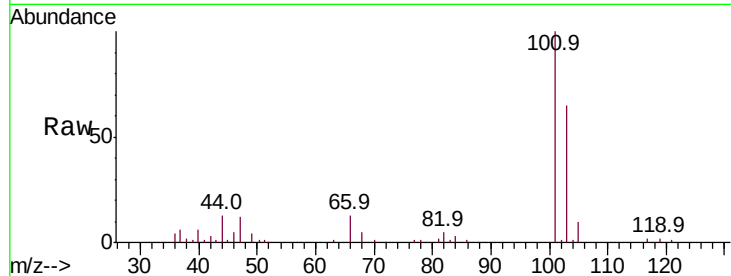
C0XK6

Tot Ion:101 Resp: 27816

Ion Ratio Lower Upper

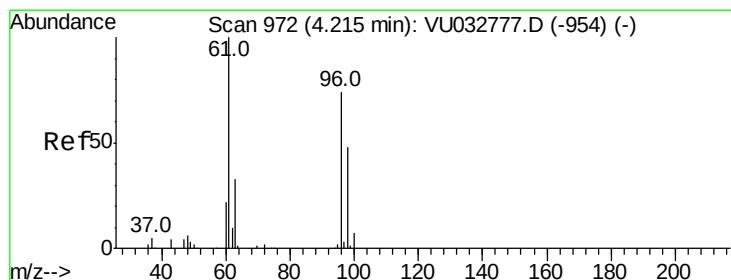
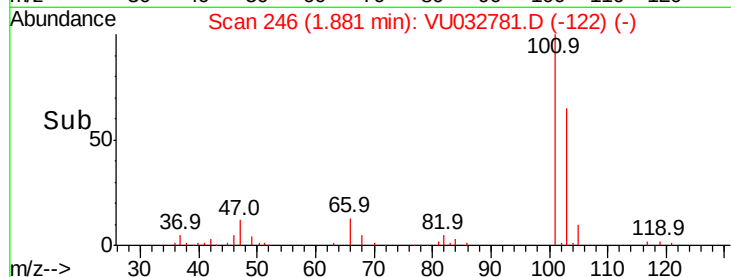
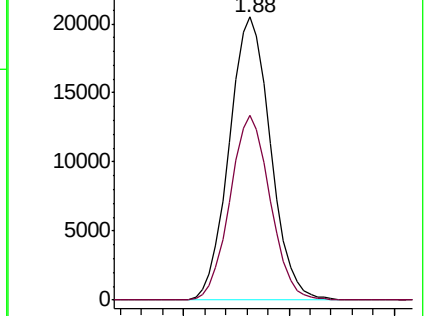
101 100

103 63.7 51.3 76.9



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#20

cis-1,2-Dichloroethene

Concen: 1.730 ug/L

RT: 4.21 min Scan# 971

Delta R.T. -0.00 min

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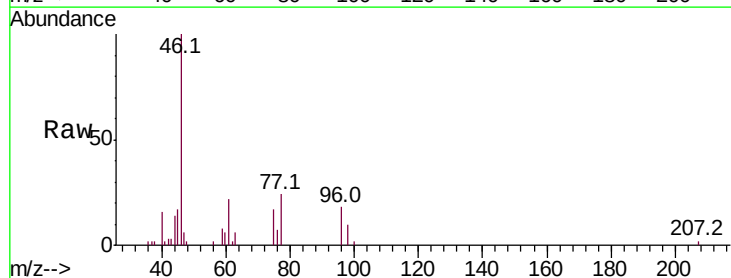
Tgt Ion: 96 Resp: 2869

Ion Ratio Lower Upper

96 100

61 121.6 92.4 171.6

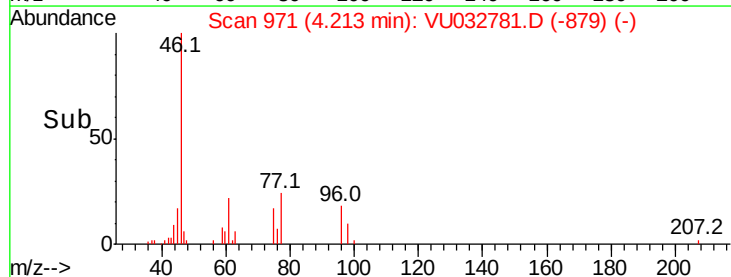
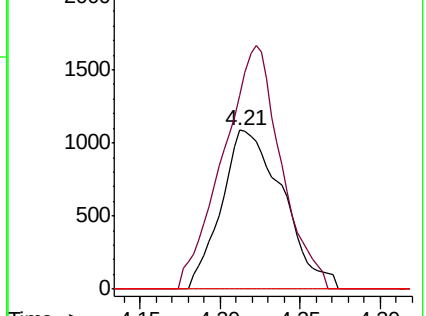
68 0.0 0.0 0.0

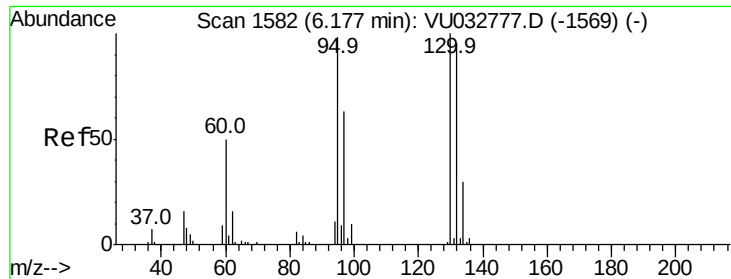


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0





#34

Trichloroethene

Concen: 57.343 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

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Acq: 17 Jun 2019 14:46

Instrument :

MSVOA_U

ClientSampled :

C0XK6

Tot Ion: 95 Resp: 94574

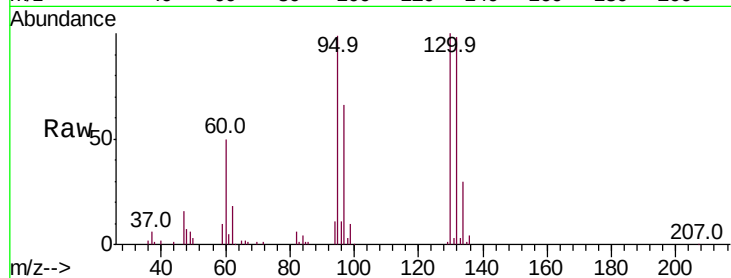
Ion Ratio Lower Upper

95 100

97 67.2 45.9 85.3

132 99.3 68.5 127.3

130 101.3 70.8 131.4

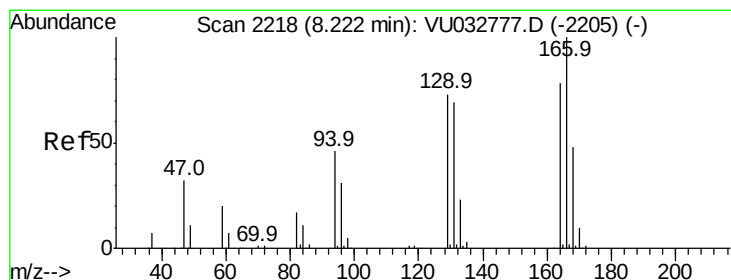
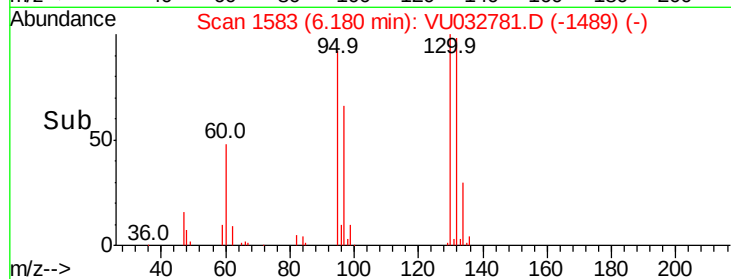
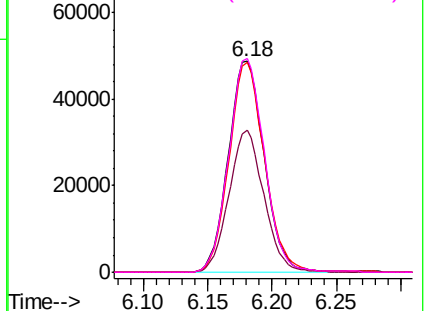


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 25.982 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

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Acq: 17 Jun 2019 14:46

Tgt Ion:164 Resp: 35113

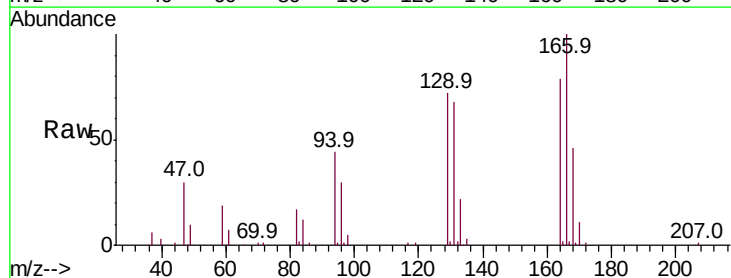
Ion Ratio Lower Upper

164 100

129 91.9 64.8 120.3

131 86.7 64.5 119.7

166 127.0 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

