

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\
 Data File : VU031720.D
 Acq On : 02 May 2019 18:25
 Operator : JC/SP
 Sample : K2661-07 50X
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B27

Quant Time: May 03 08:15:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri May 03 07:25:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	961934	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	893852	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	373455	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	403458	50.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.22%
7) Chloroethane-d5	1.68	69	306831	49.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	98.64%
11) 1,1-Dichloroethene-d2	2.27	63	566882	35.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	70.72%
21) 2-Butanone-d5	4.19	46	723186	99.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.14%
24) Chloroform-d	4.64	84	634261	43.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.04%
26) 1,2-Dichloroethane-d4	5.31	65	410859	42.65	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.30%
32) Benzene-d6	5.34	84	1347589	49.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	98.20%
36) 1,2-Dichloropropane-d6	6.32	67	457715	47.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.80%
41) Toluene-d8	7.56	98	1140951	47.72	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.44%
43) trans-1,3-Dichloropropene-	7.85	79	190760	46.02	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.04%
47) 2-Hexanone-d5	8.31	63	479254	114.66	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	114.66%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	573525	44.25	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.50%
64) 1,2-Dichlorobenzene-d4	11.85	152	371912	47.35	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.70%

Target Compounds

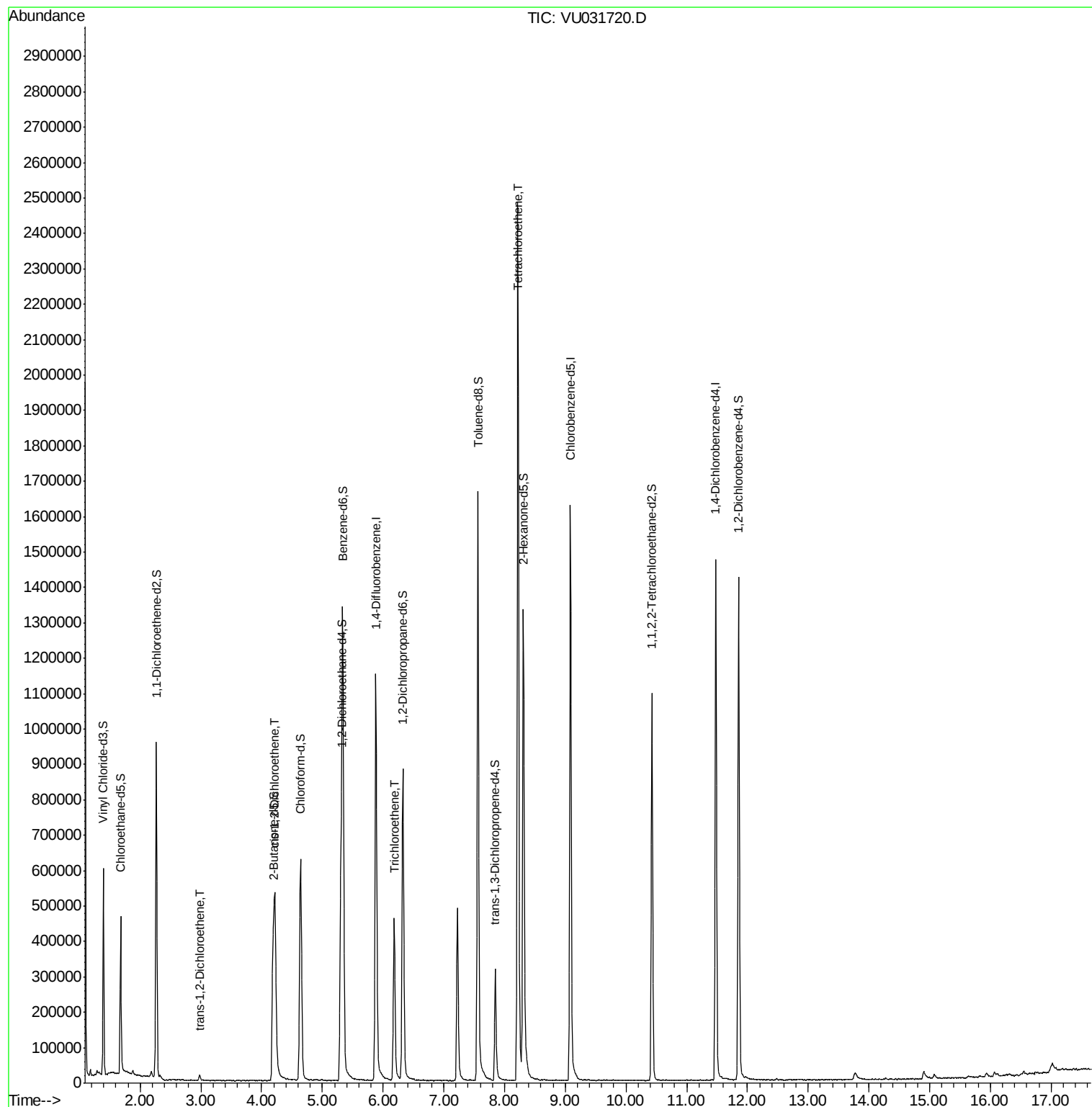
					Ovalue
17) trans-1,2-Dichloroethene	2.98	96	6063	0.775 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	204219	24.345 ug/L	100
34) Trichloroethene	6.18	95	168925	21.205 ug/L	96
46) Tetrachloroethene	8.22	164	559510	103.025 ug/L	96

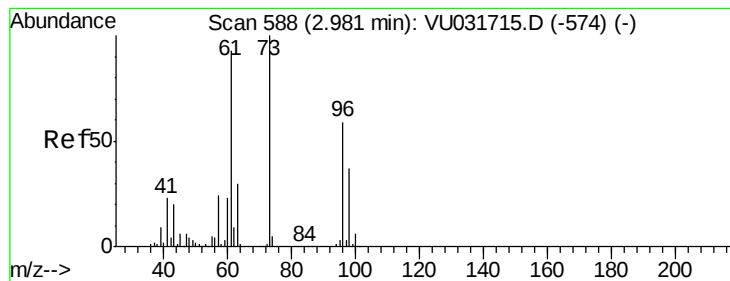
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#17

trans-1,2-Dichloroethene

Concen: 0.775 ug/L

RT: 2.98 min Scan# 588

Delta R.T. -0.00 min

Lab File: VU031720.D

Acq: 02 May 2019 18:25

Instrument :

MSVOA_U

ClientSampled :

C0B27

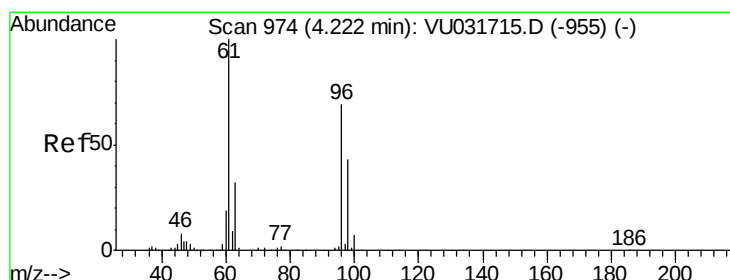
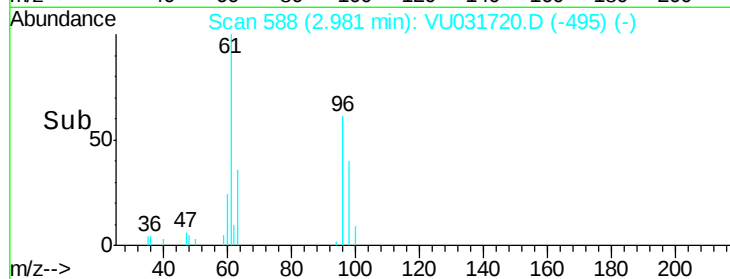
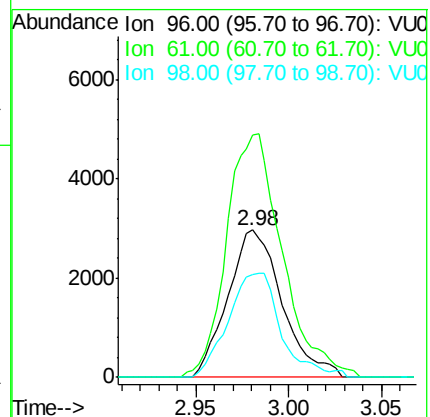
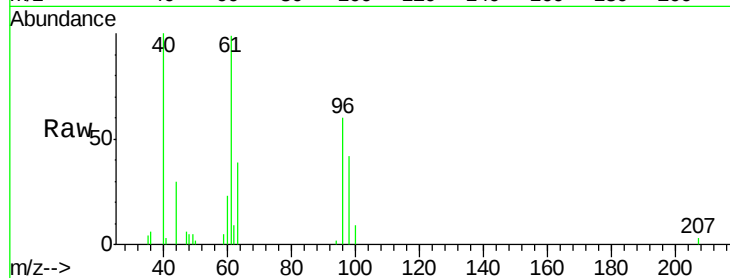
Tot Ion: 96 Resp: 6063

Ion Ratio Lower Upper

96 100

61 165.0 114.5 212.7

98 69.8 45.4 84.2



#20

cis-1,2-Dichloroethene

Concen: 24.345 ug/L

RT: 4.22 min Scan# 974

Delta R.T. -0.00 min

Lab File: VU031720.D

Acq: 02 May 2019 18:25

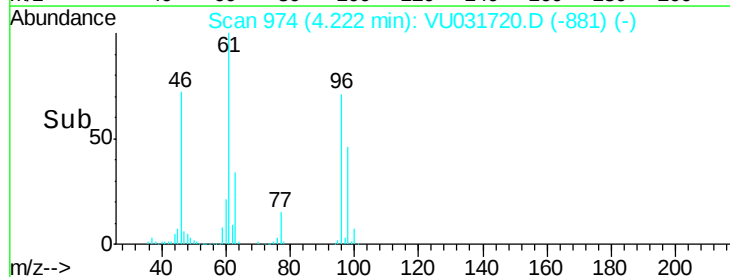
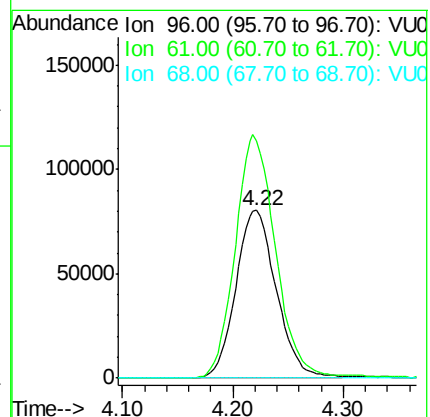
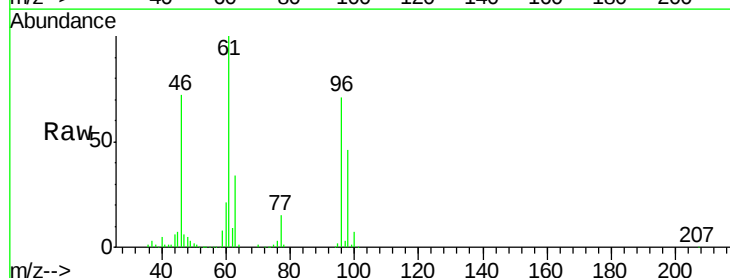
Tgt Ion: 96 Resp: 204219

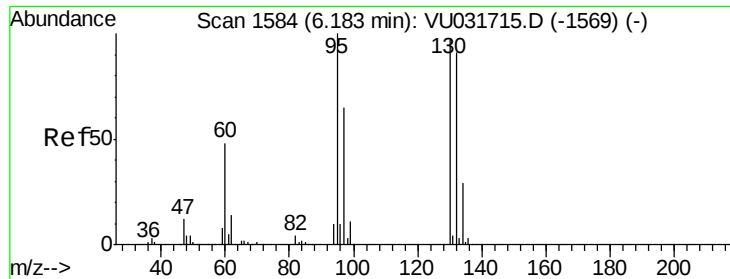
Ion Ratio Lower Upper

96 100

61 141.5 99.5 184.7

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 21.205 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. -0.00 min

Lab File: VU031720.D

Acq: 02 May 2019 18:25

Instrument :

MSVOA_U

ClientSampleId :

C0B27

Tot Ion: 95 Resp: 168925

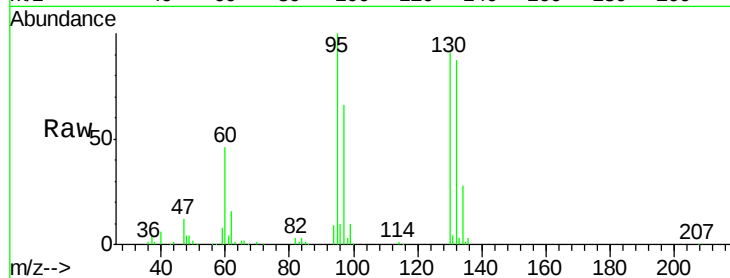
Ion Ratio Lower Upper

95 100

97 65.8 44.8 83.2

132 86.7 63.1 117.1

130 90.9 66.5 123.5

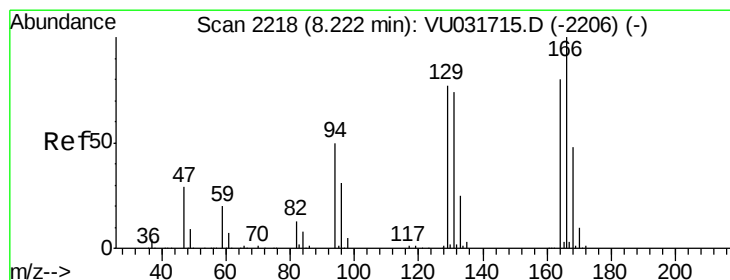
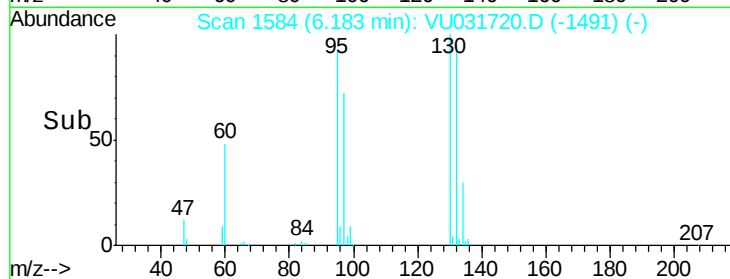
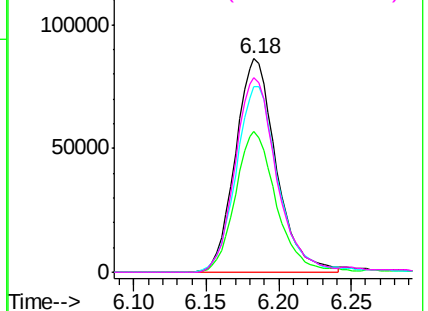


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 103.025 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.00 min

Lab File: VU031720.D

Acq: 02 May 2019 18:25

Tgt Ion:164 Resp: 559510

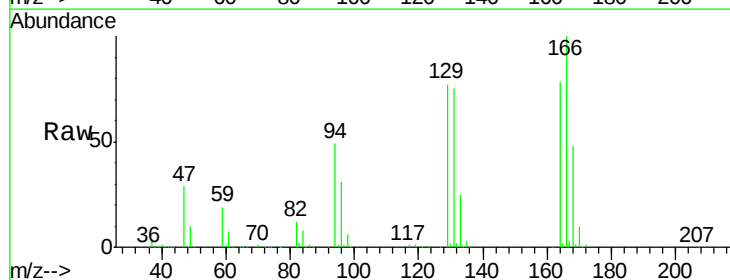
Ion Ratio Lower Upper

164 100

129 98.2 71.5 132.9

131 95.9 69.0 128.2

166 127.5 93.7 173.9



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

