

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\
 Data File : VU031784.D
 Acq On : 06 May 2019 17:07
 Operator : JC/SP
 Sample : K2705-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B42

Quant Time: May 07 09:34:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 07 08:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	699253	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	665946	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	264843	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	246702	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	84.32%
7) Chloroethane-d5	1.68	69	200671	44.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.74%
11) 1,1-Dichloroethene-d2	2.27	63	393093	33.73	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	67.46%
21) 2-Butanone-d5	4.18	46	664800	125.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	125.38%
24) Chloroform-d	4.64	84	501783	46.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.64%
26) 1,2-Dichloroethane-d4	5.31	65	364273	52.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.04%
32) Benzene-d6	5.34	84	945957	46.26	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.52%
36) 1,2-Dichloropropane-d6	6.33	67	355434	49.40	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.80%
41) Toluene-d8	7.56	98	752169	42.23	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.46%
43) trans-1,3-Dichloropropene-	7.85	79	142766	46.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.46%
47) 2-Hexanone-d5	8.31	63	383777	123.24	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	123.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	483652	50.09	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	100.18%
64) 1,2-Dichlorobenzene-d4	11.86	152	257034	46.15	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.30%

Target Compounds

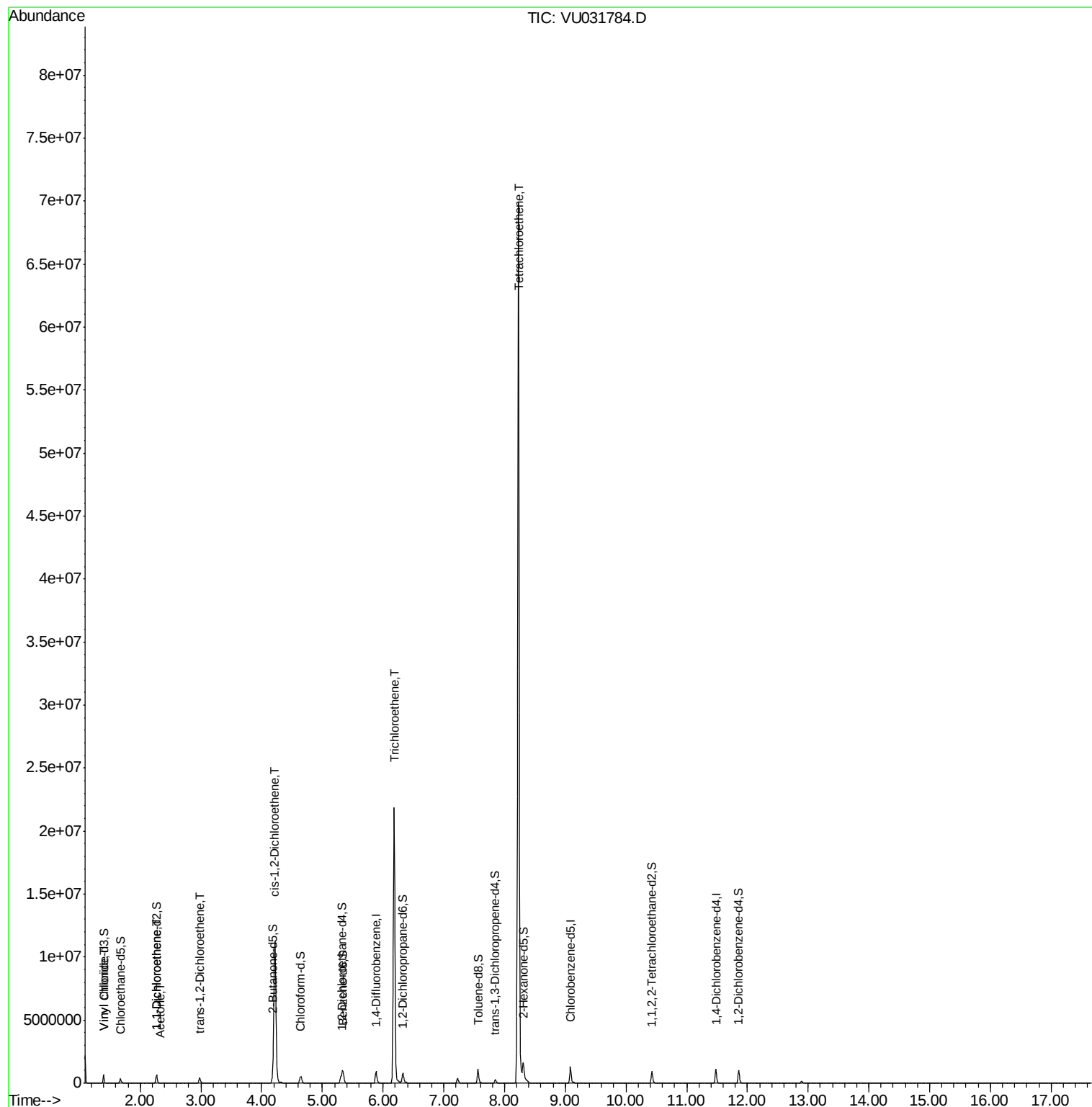
					Ovalue
5) Vinyl chloride	1.40	62	220372	25.336 ug/L	96
12) 1,1-Dichloroethene	2.28	96	27931	5.120 ug/L #	1
13) Acetone	2.33	43	10361	1.735 ug/L	85
17) trans-1,2-Dichloroethene	2.98	96	156380	27.509 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	5635172	924.114 ug/L	88
34) Trichloroethene	6.18	95	7775202	1310.050 ug/L	93
46) Tetrachloroethene	8.23	164	14350518	3546.731 ug/L	88

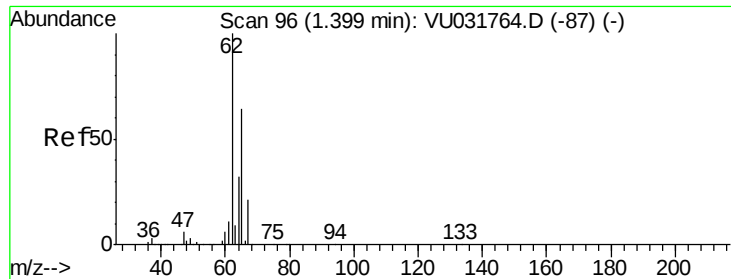
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 07 08:38:32 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 25.336 ug/L

RT: 1.40 min Scan# 96

Delta R.T. 0.00 min

Lab File: VU031784.D

Acq: 06 May 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

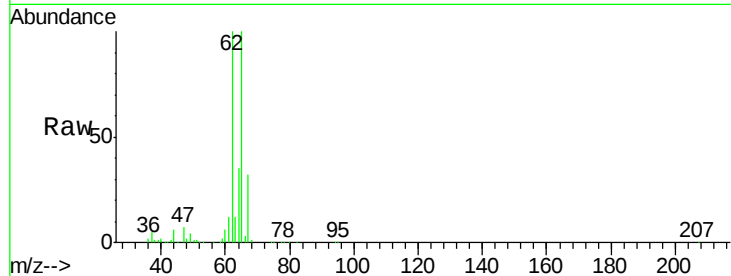
C0B42

Tot Ion: 62 Resp: 220372

Ion Ratio Lower Upper

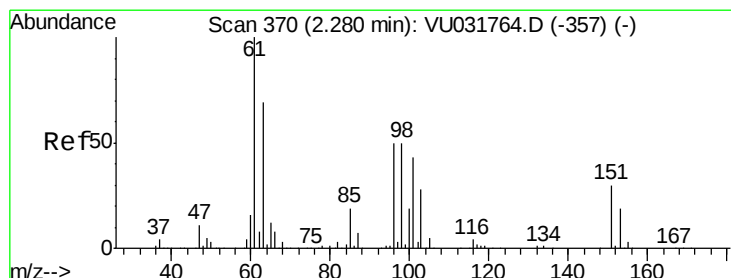
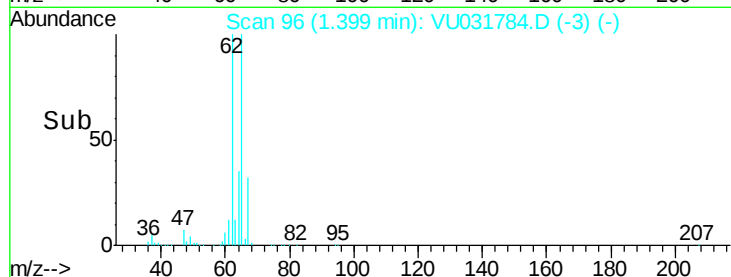
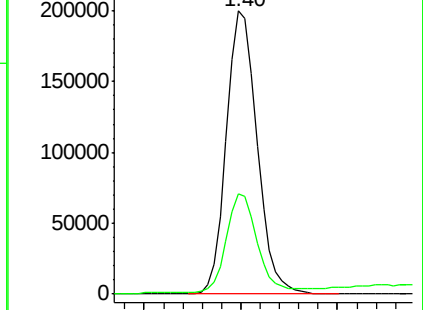
62 100

64 35.5 23.1 42.9



Abundance Ion 62.00 (61.70 to 62.70): VU031784.D (-87) (-)

Ion 64.00 (63.70 to 64.70): VU031784.D (-87) (-)



#12

1,1-Dichloroethene

Concen: 5.120 ug/L

RT: 2.28 min Scan# 370

Delta R.T. 0.00 min

Lab File: VU031784.D

Acq: 06 May 2019 17:07

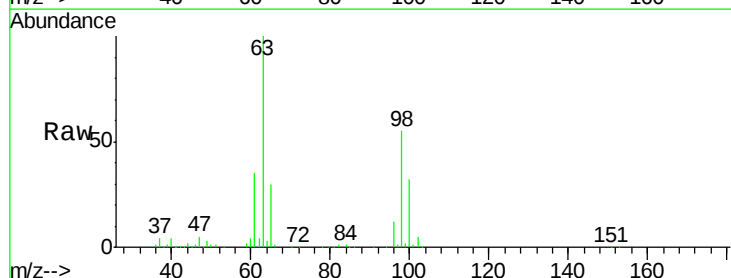
Tgt Ion: 96 Resp: 27931

Ion Ratio Lower Upper

96 100

61 277.3 135.0 250.6#

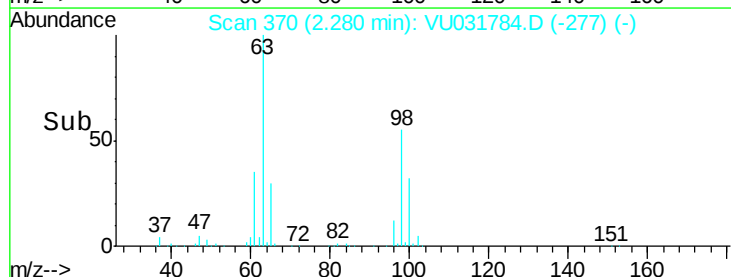
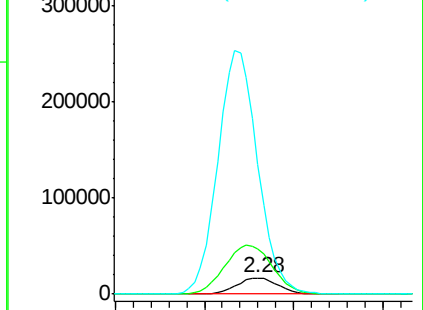
63 800.8 103.5 192.3#

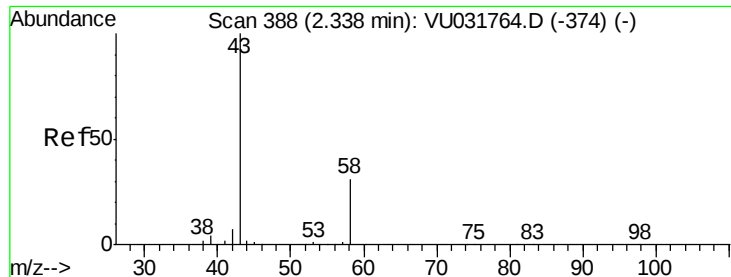


Abundance Ion 96.00 (95.70 to 96.70): VU031784.D (-357) (-)

Ion 61.00 (60.70 to 61.70): VU031784.D (-357) (-)

Ion 63.00 (62.70 to 63.70): VU031784.D (-357) (-)





#13

Acetone

Concen: 1.735 ug/L

RT: 2.33 min Scan# 386

Delta R.T. -0.01 min

Lab File: VU031784.D

Acq: 06 May 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

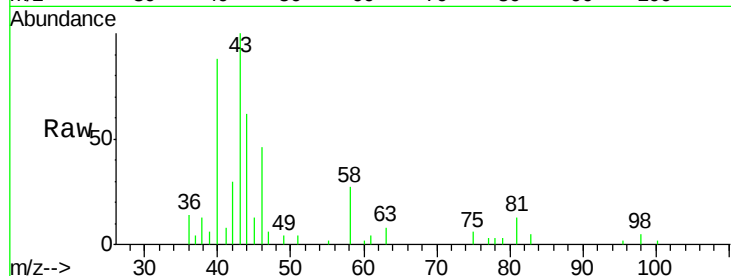
C0B42

Tot Ion: 43 Resp: 10361

Ion Ratio Lower Upper

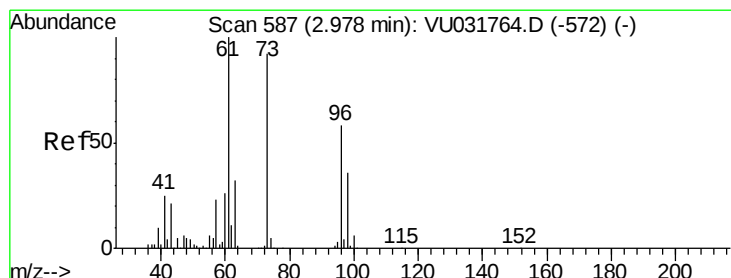
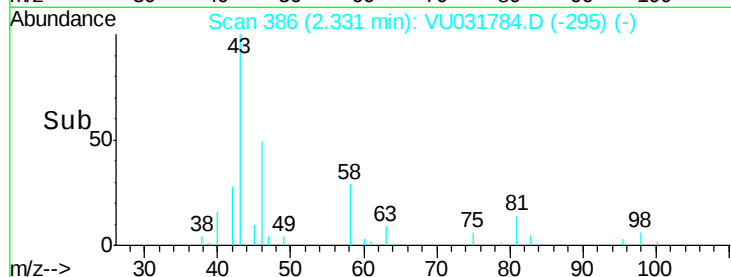
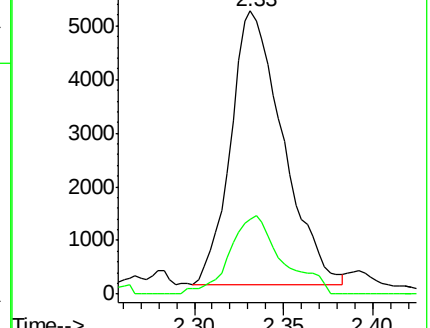
43 100

58 23.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU031784.D (-295) (-)

Ion 58.00 (57.70 to 58.70): VU031784.D (-295) (-)



#17

trans-1,2-Dichloroethene

Concen: 27.509 ug/L

RT: 2.98 min Scan# 588

Delta R.T. 0.00 min

Lab File: VU031784.D

Acq: 06 May 2019 17:07

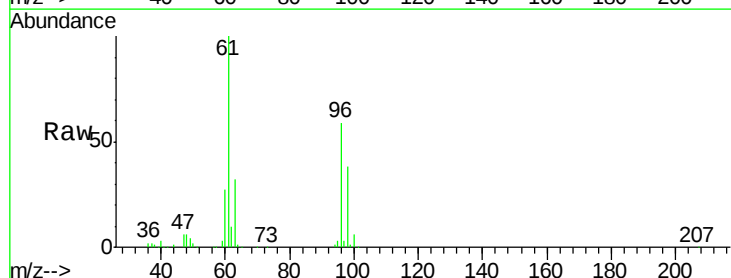
Tgt Ion: 96 Resp: 156380

Ion Ratio Lower Upper

96 100

61 169.1 114.5 212.7

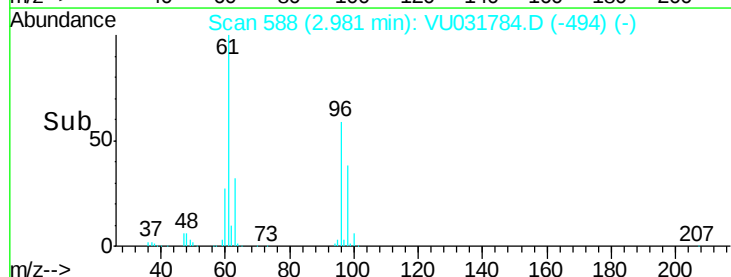
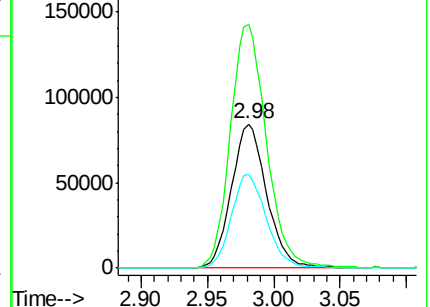
98 64.9 45.4 84.2

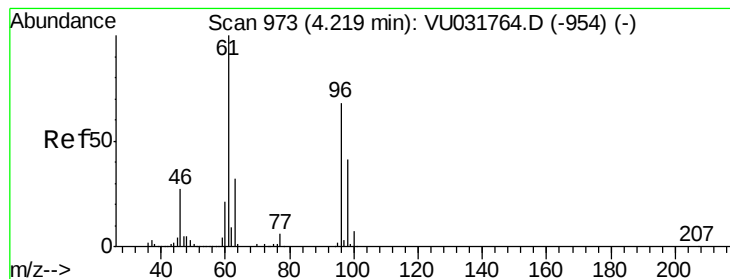


Abundance Ion 96.00 (95.70 to 96.70): VU031784.D (-494) (-)

Ion 61.00 (60.70 to 61.70): VU031784.D (-494) (-)

Ion 98.00 (97.70 to 98.70): VU031784.D (-494) (-)





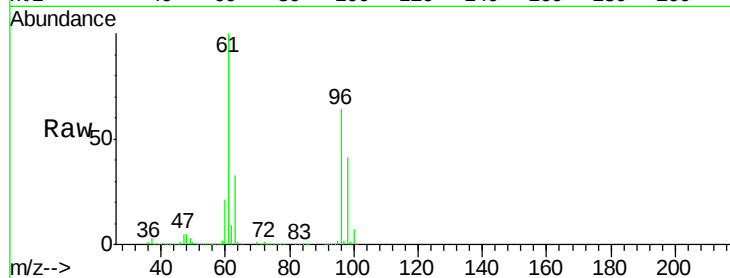
#20

cis-1,2-Dichloroethene
Concen: 924.114 ug/L
RT: 4.22 min Scan# 973
Delta R.T. 0.00 min
Lab File: VU031784.D
Acq: 06 May 2019 17:07

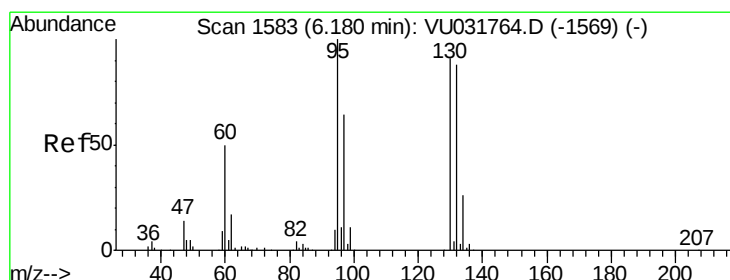
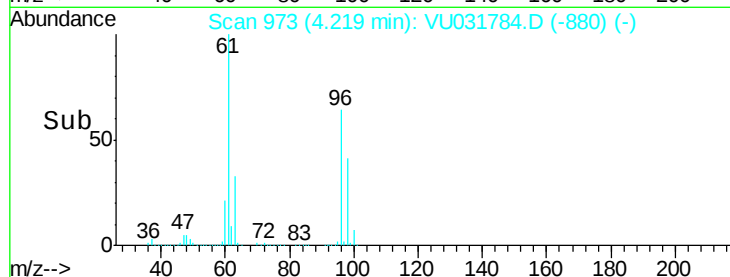
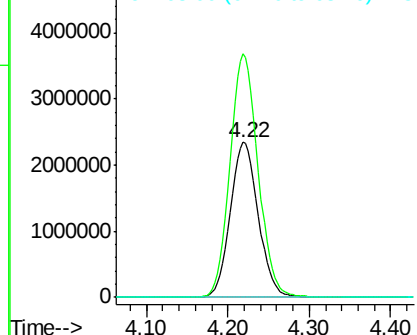
Instrument :
MSVOA_U
ClientSampleId :
C0B42

Tot Ion: 96 Resp: 5635172

Ion	Ratio	Lower	Upper
96	100		
61	157.3	99.5	184.7
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

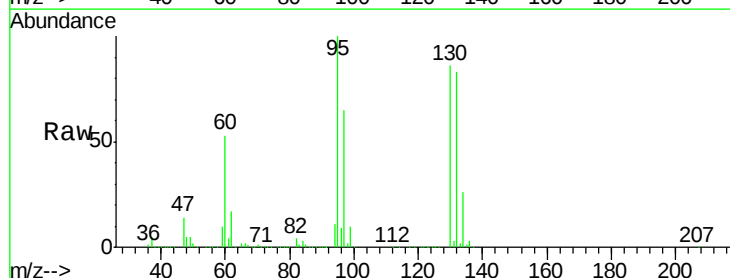


#34

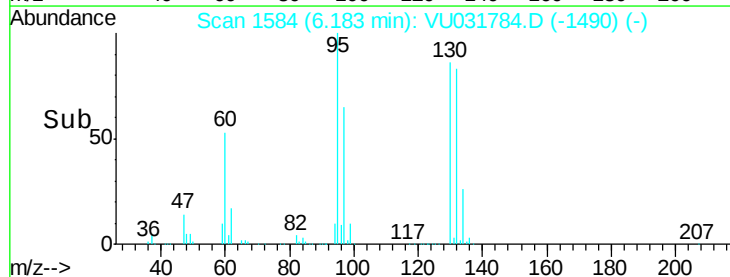
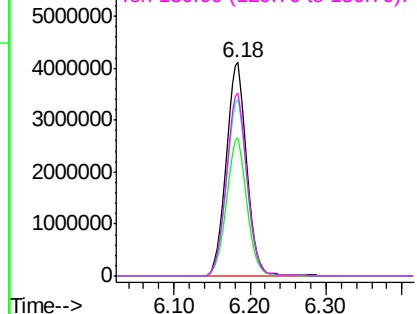
Trichloroethene
Concen: 1310.050 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU031784.D
Acq: 06 May 2019 17:07

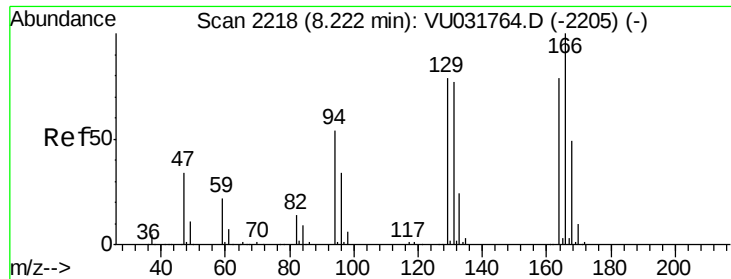
Tgt Ion: 95 Resp: 7775202

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.8	83.2
132	82.9	63.1	117.1
130	85.8	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: 3546.731 ug/L

RT: 8.23 min Scan# 2221

Delta R.T. 0.01 min

Lab File: VU031784.D

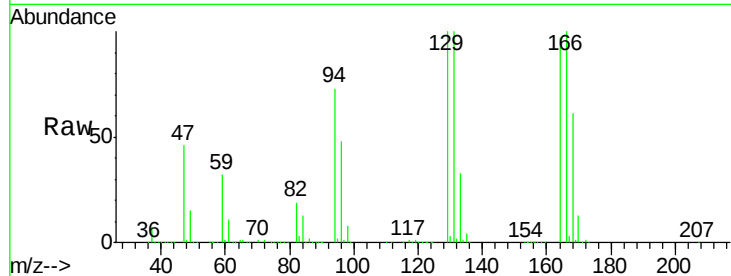
Acq: 06 May 2019 17:07

Instrument :

MSVOA_U

ClientSampleId :

C0B42



Tot Ion:164 Resp:14350518

Ion Ratio Lower Upper

164 100

129 103.2 71.5 132.9

131 102.7 69.0 128.2

166 103.2 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

