

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031594.D
 Acq On : 29 Apr 2019 18:14
 Operator : JC/SP
 Sample : K2586-20
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X66

Quant Time: Apr 30 04:22:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM042719WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 30 01:54:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	670625	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	657791	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	238016	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	286995	51.13	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.26%
7) Chloroethane-d5	1.68	69	233709	53.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	107.76%
11) 1,1-Dichloroethene-d2	2.27	63	442496	39.59	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.18%
21) 2-Butanone-d5	4.18	46	590866	116.19	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.19%
24) Chloroform-d	4.64	84	535642	52.11	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.22%
26) 1,2-Dichloroethane-d4	5.31	65	376753	56.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	112.20%
32) Benzene-d6	5.34	84	1051596	52.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	104.12%
36) 1,2-Dichloropropane-d6	6.32	67	381014	53.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	107.24%
41) Toluene-d8	7.56	98	854711	48.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.16%
43) trans-1,3-Dichloropropene-	7.85	79	145921	47.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.66%
47) 2-Hexanone-d5	8.31	63	329785	107.22	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.22%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	474269	49.73	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	99.46%
64) 1,2-Dichlorobenzene-d4	11.85	152	275539	55.05	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	110.10%

Target Compounds

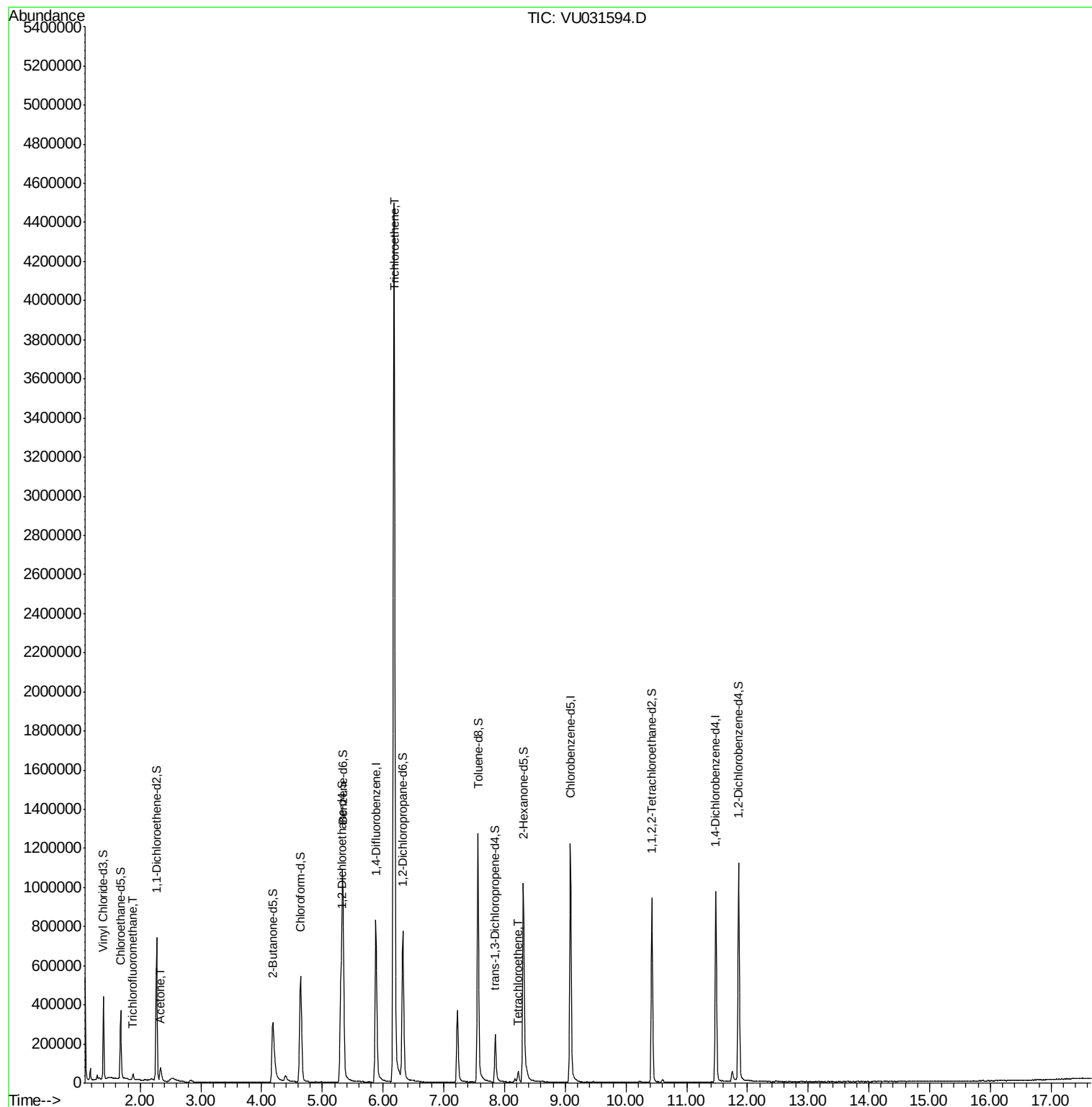
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	13714	1.442	ug/L	94
13) Acetone	2.34	43	93156	16.263	ug/L	97
34) Trichloroethene	6.18	95	1680578	286.673	ug/L	95
46) Tetrachloroethene	8.23	164	10774	2.696	ug/L	94

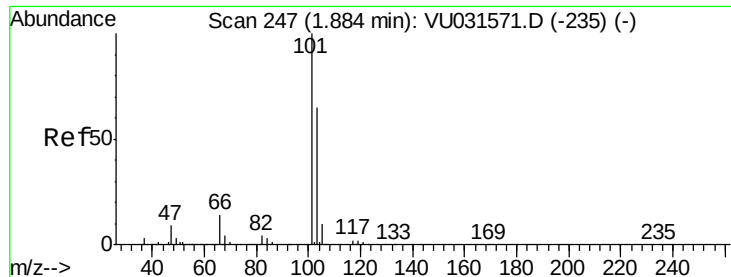
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 1.442 ug/L

RT: 1.88 min Scan# 247

Delta R.T. 0.00 min

Lab File: VU031594.D

Acq: 29 Apr 2019 18:14

Instrument :

MSVOA_U

ClientSampled :

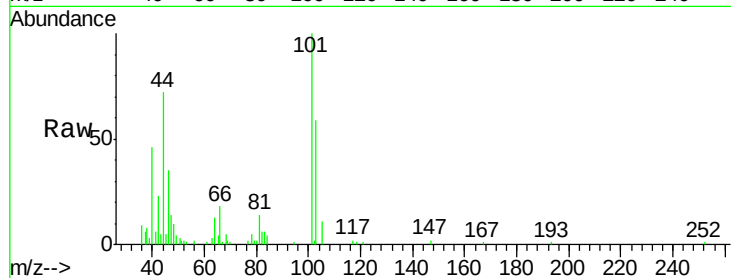
C0X66

Tot Ion:101 Resp: 13714

Ion Ratio Lower Upper

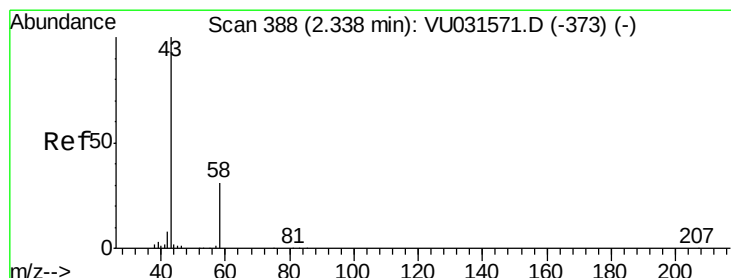
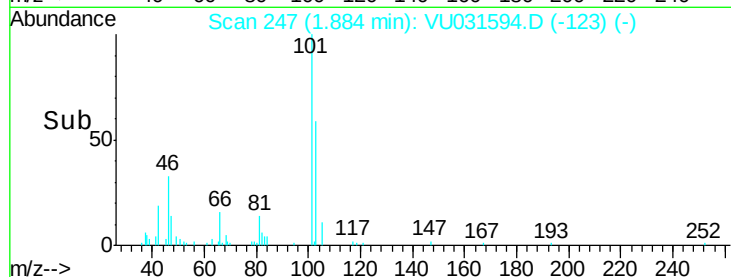
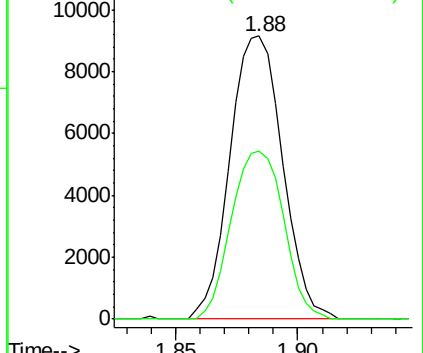
101 100

103 58.9 50.8 76.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V



#13

Acetone

Concen: 16.263 ug/L

RT: 2.34 min Scan# 388

Delta R.T. 0.00 min

Lab File: VU031594.D

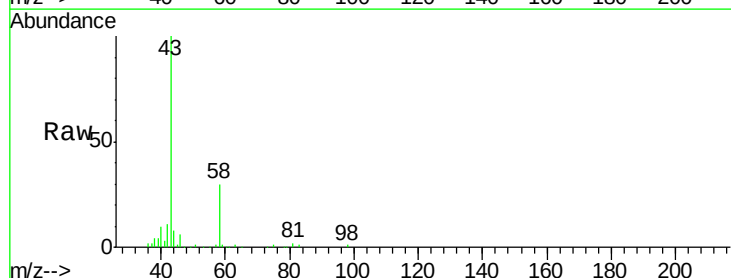
Acq: 29 Apr 2019 18:14

Tgt Ion: 43 Resp: 93156

Ion Ratio Lower Upper

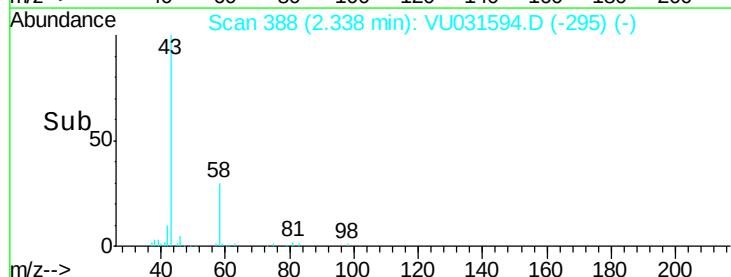
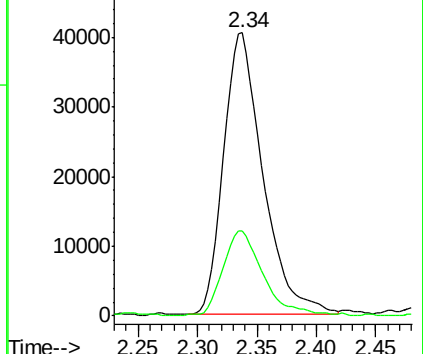
43 100

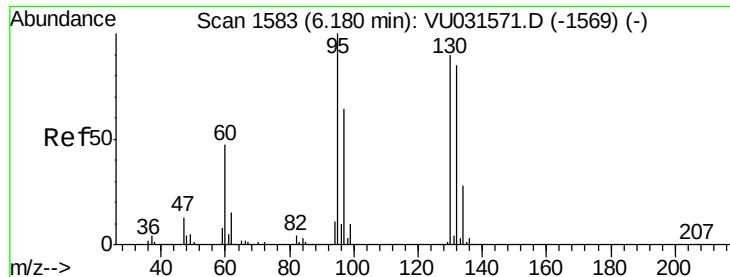
58 30.3 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 286.673 ug/L

RT: 6.18 min Scan# 1583

Delta R.T. 0.00 min

Lab File: VU031594.D

Acq: 29 Apr 2019 18:14

Instrument :

MSVOA_U

ClientSampleId :

C0X66

Tot Ion: 95 Resp: 1680578

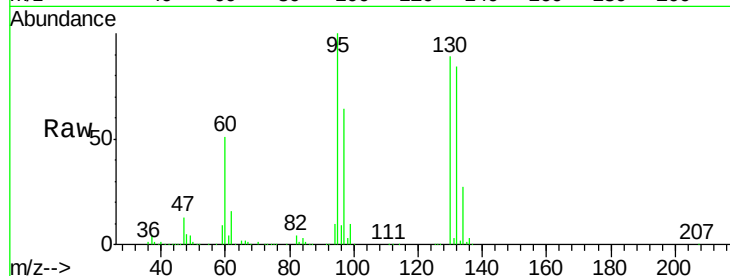
Ion Ratio Lower Upper

95 100

97 64.1 44.8 83.2

132 84.1 63.1 117.1

130 89.3 66.5 123.5

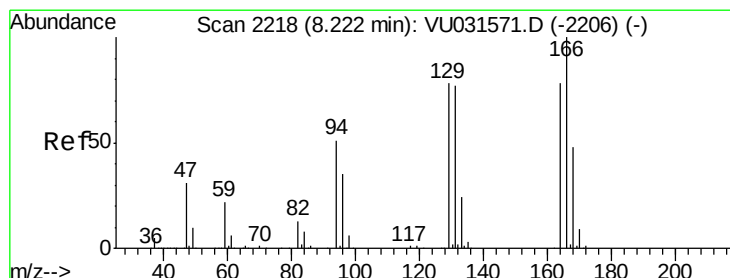
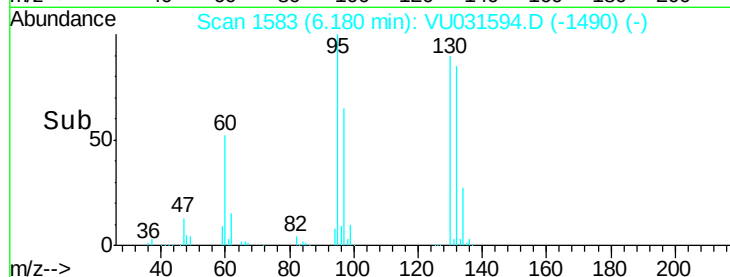
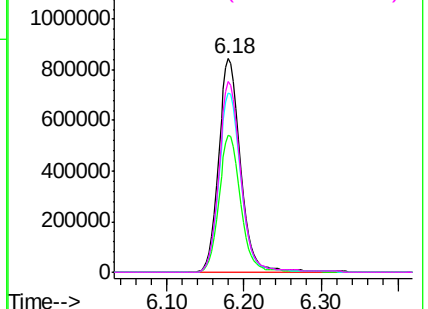


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 2.696 ug/L

RT: 8.23 min Scan# 2220

Delta R.T. 0.01 min

Lab File: VU031594.D

Acq: 29 Apr 2019 18:14

Tgt Ion:164 Resp: 10774

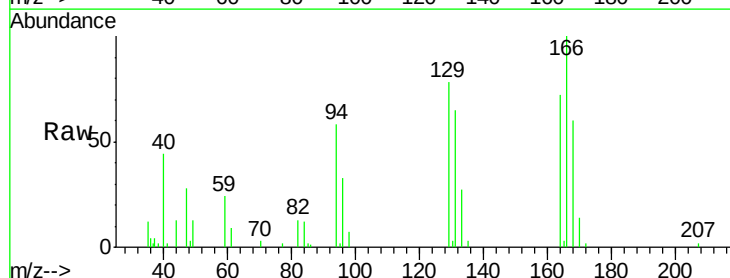
Ion Ratio Lower Upper

164 100

129 109.1 71.5 132.9

131 90.3 69.0 128.2

166 138.9 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

