

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU042919\
 Data File : VU031575.D
 Acq On : 29 Apr 2019 10:53
 Operator : JC/SP
 Sample : K2590-06
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0X96

Quant Time: Apr 30 02:17:45 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	625433	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	614628	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	236422	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	315635	60.30	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	120.60%
7) Chloroethane-d5	1.68	69	254769	62.98	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	125.96%
11) 1,1-Dichloroethene-d2	2.27	63	468756	44.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	89.94%
21) 2-Butanone-d5	4.18	46	607783	128.15	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	128.15%
24) Chloroform-d	4.64	84	545539	56.91	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.82%
26) 1,2-Dichloroethane-d4	5.31	65	379748	60.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	121.26%
32) Benzene-d6	5.34	84	1101608	58.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	116.74%
36) 1,2-Dichloropropane-d6	6.33	67	389193	58.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	117.22%
41) Toluene-d8	7.56	98	902470	54.90	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	7.85	79	160175	56.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	112.38%
47) 2-Hexanone-d5	8.31	63	353224	122.90	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	122.90%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	504861	56.65	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	113.30%
64) 1,2-Dichlorobenzene-d4	11.85	152	305694	61.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	122.96%#

Target Compounds

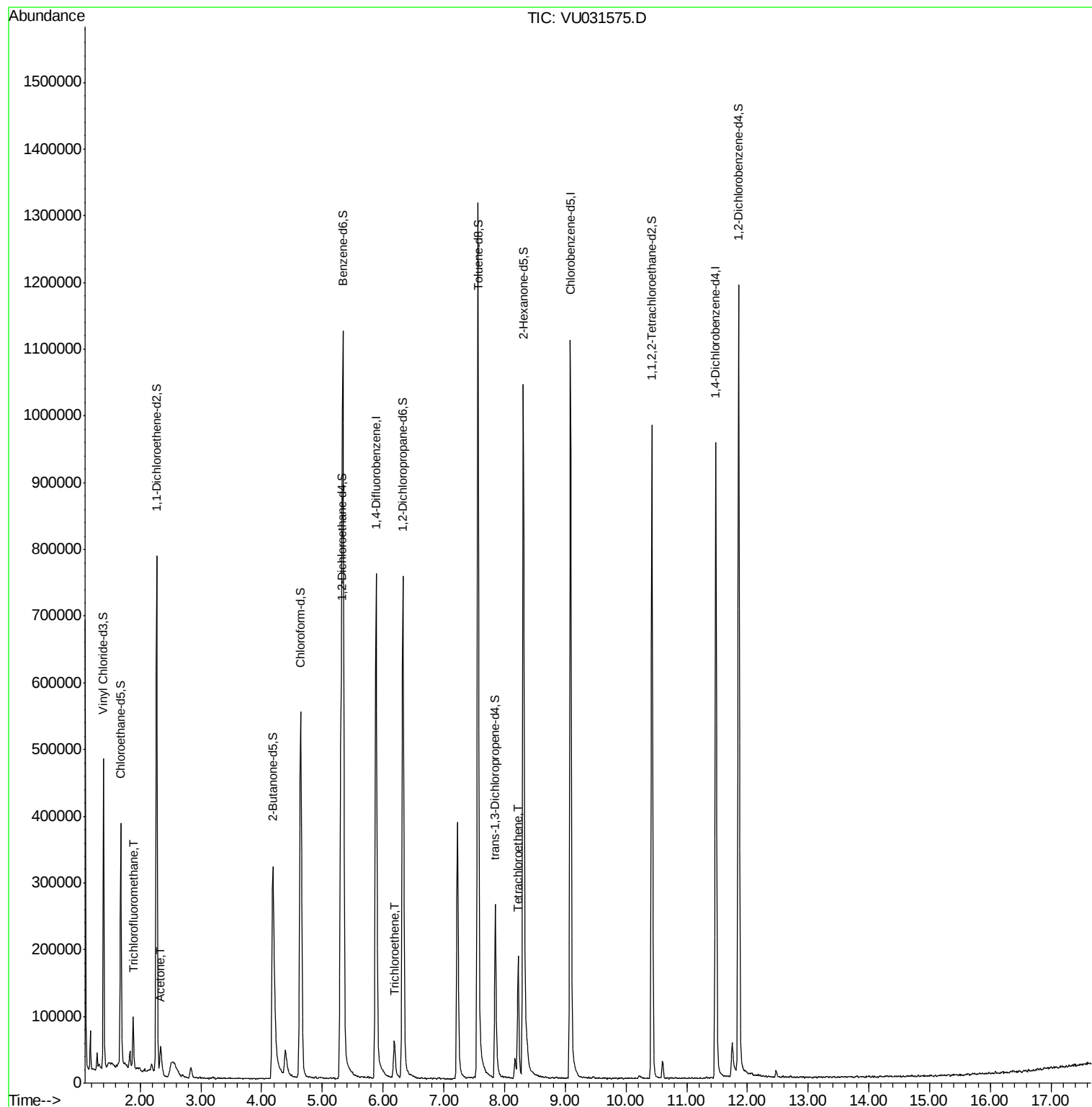
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Trichlorofluoromethane	1.88	101	38964	4.393	ug/L	92
13) Acetone	2.34	43	51701	9.678	ug/L	99
34) Trichloroethene	6.19	95	18331	3.346	ug/L	94
46) Tetrachloroethene	8.22	164	39742	10.642	ug/L	95

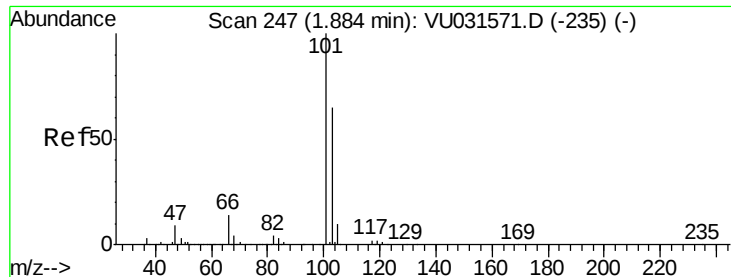
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Trichlorofluoromethane

Concen: 4.393 ug/L

RT: 1.88 min Scan# 247

Delta R.T. -0.00 min

Lab File: VU031575.D

Acq: 29 Apr 2019 10:53

Instrument :

MSVOA_U

ClientSampleId :

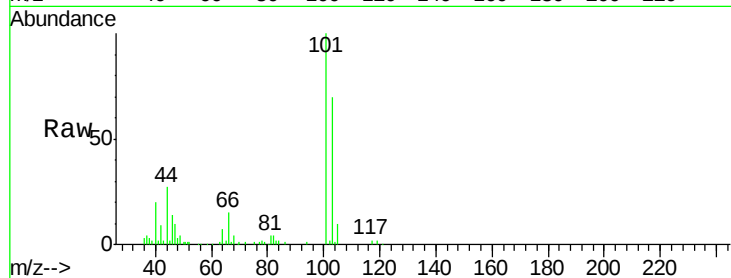
C0X96

Tot Ion:101 Resp: 38964

Ion Ratio Lower Upper

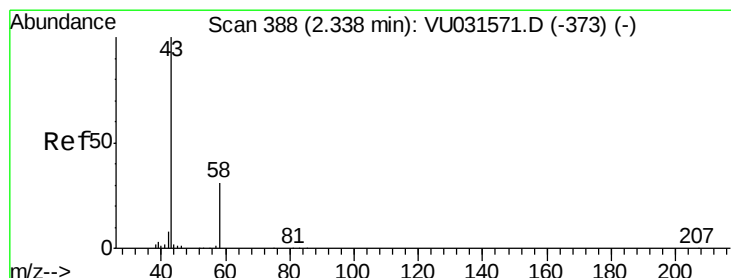
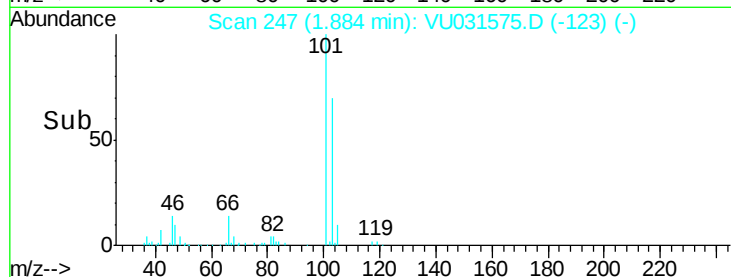
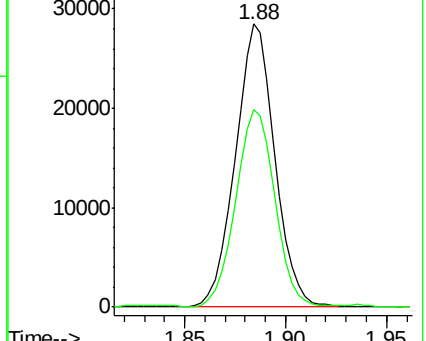
101 100

103 69.5 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: 9.678 ug/L

RT: 2.34 min Scan# 388

Delta R.T. -0.00 min

Lab File: VU031575.D

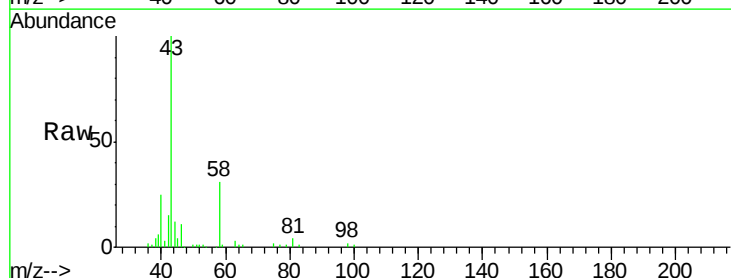
Acq: 29 Apr 2019 10:53

Tgt Ion: 43 Resp: 51701

Ion Ratio Lower Upper

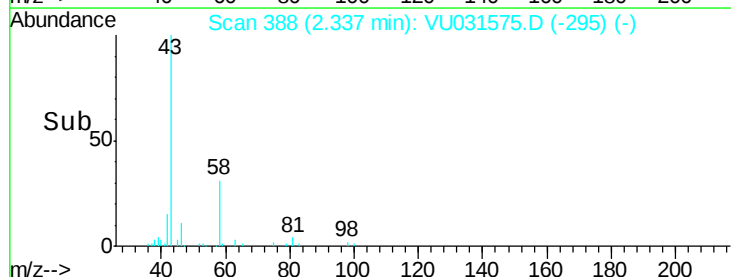
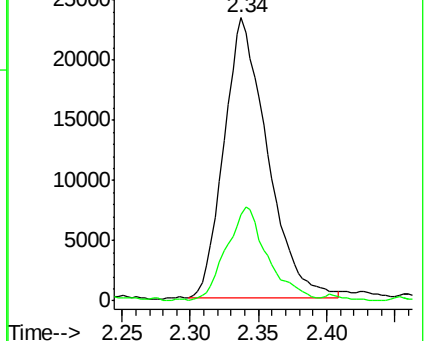
43 100

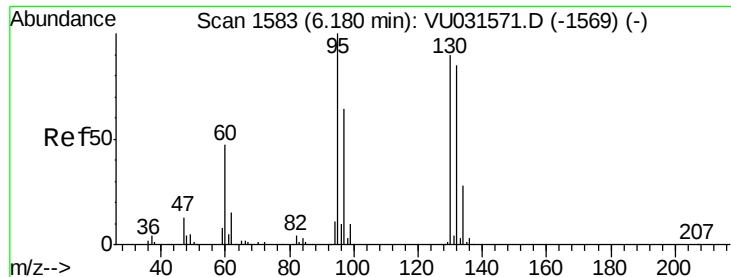
58 31.8 0.0 64.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0





#34

Trichloroethene

Concen: 3.346 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.01 min

Lab File: VU031575.D

Acq: 29 Apr 2019 10:53

Instrument :

MSVOA_U

ClientSampled :

C0X96

Tot Ion: 95 Resp: 18331

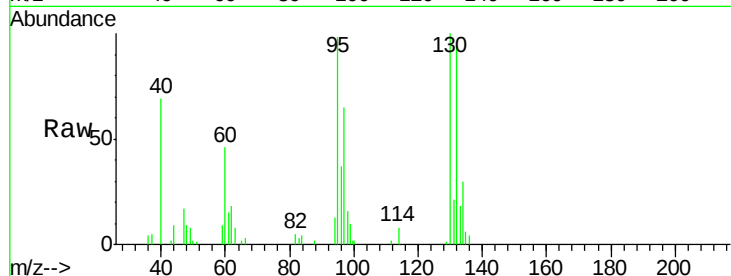
Ion Ratio Lower Upper

95 100

97 66.5 44.8 83.2

132 95.6 63.1 117.1

130 102.1 66.5 123.5

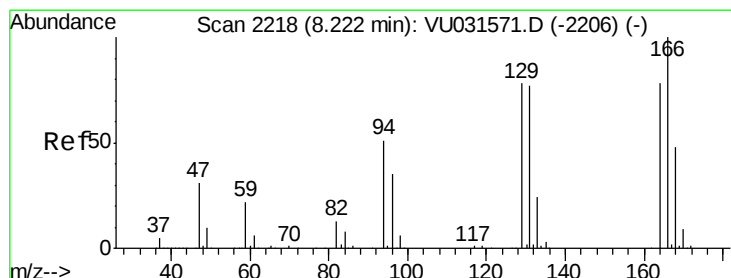
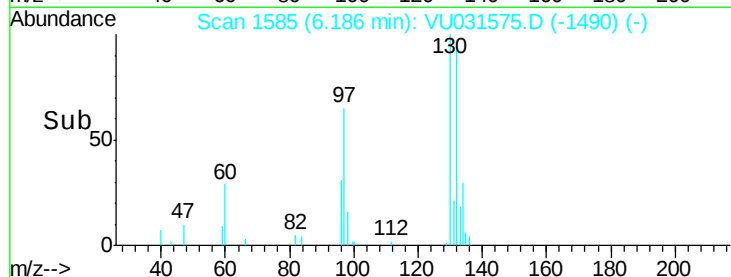
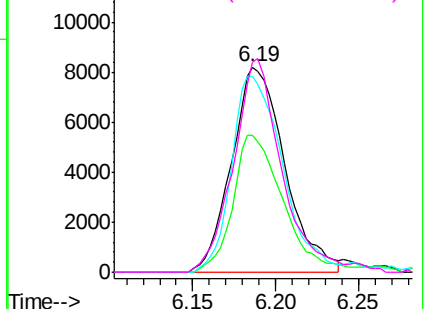


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 10.642 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. 0.00 min

Lab File: VU031575.D

Acq: 29 Apr 2019 10:53

Tgt Ion: 164 Resp: 39742

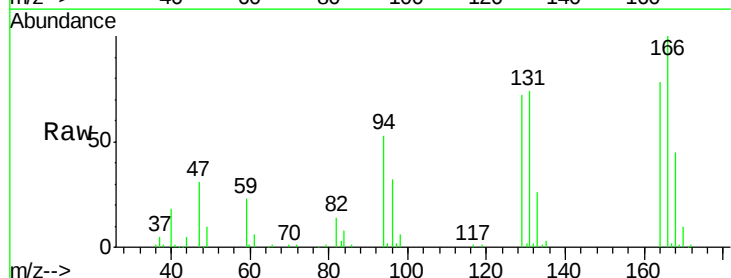
Ion Ratio Lower Upper

164 100

129 92.9 71.5 132.9

131 95.6 69.0 128.2

166 129.0 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

