

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032219\
 Data File : VU030308.D
 Acq On : 22 Mar 2019 15:13
 Operator : JC/SP
 Sample : K2048-09
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF1D4

Quant Time: Mar 23 04:23:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 02:31:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	536280	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	530165	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	249609	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	136672	37.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	75.38%
7) Chloroethane-d5	1.68	69	121357	41.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	83.70%
11) 1,1-Dichloroethene-d2	2.27	63	194627	29.42	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	58.84%#
21) 2-Butanone-d5	4.17	46	242392	90.10	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	90.10%
24) Chloroform-d	4.65	84	288147	43.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	5.31	65	169986	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.56%
32) Benzene-d6	5.34	84	587015	42.02	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.04%
36) 1,2-Dichloropropane-d6	6.33	67	193587	44.78	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	89.56%
41) Toluene-d8	7.56	98	528872	40.26	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	80.52%
43) trans-1,3-Dichloropropene-	7.85	79	86228	40.96	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.92%
47) 2-Hexanone-d5	8.31	63	200447	89.42	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294772	44.45	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	88.90%
64) 1,2-Dichlorobenzene-d4	11.86	152	223503	44.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.20%

Target Compounds

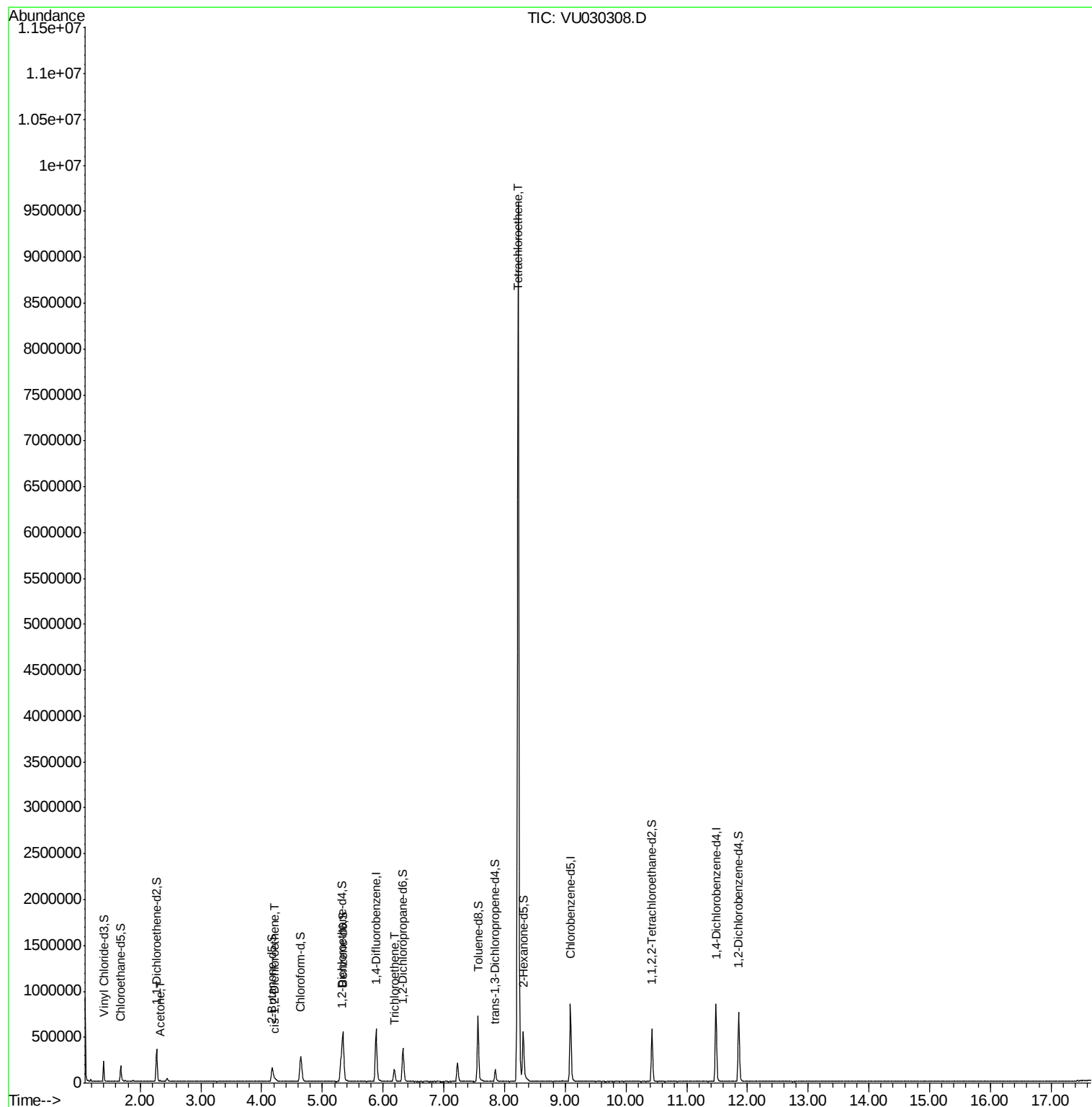
					Ovalue
13) Acetone	2.32	43	6722	2.391 ug/L	96
20) cis-1,2-Dichloroethene	4.22	96	10918	2.643 ug/L	86
34) Trichloroethene	6.19	95	50905	12.627 ug/L	96
46) Tetrachloroethene	8.22	164	2336102	685.814 ug/L	99

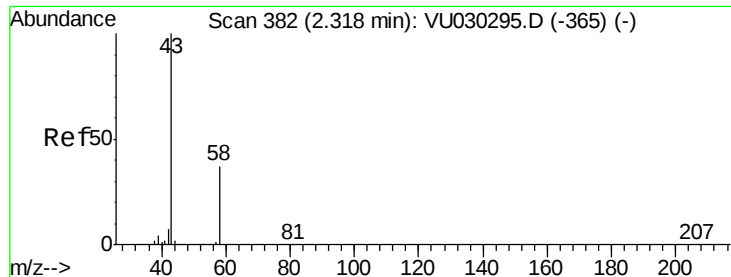
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.391 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU030308.D

Acq: 22 Mar 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

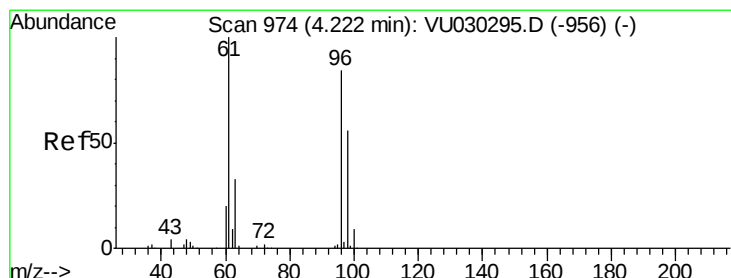
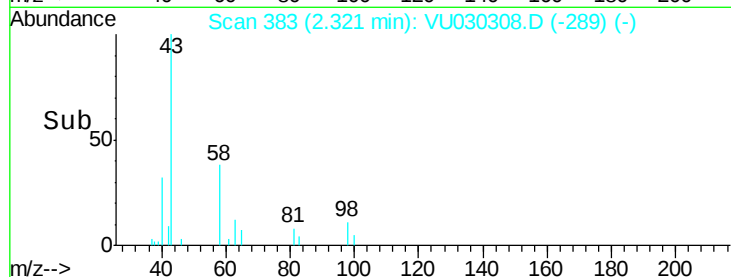
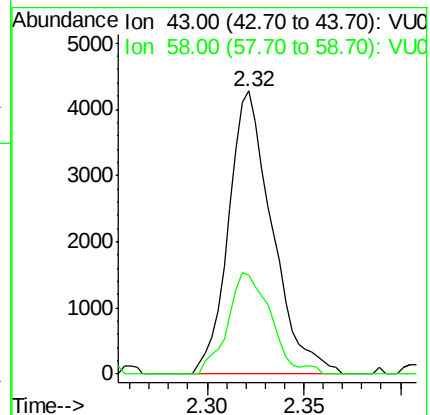
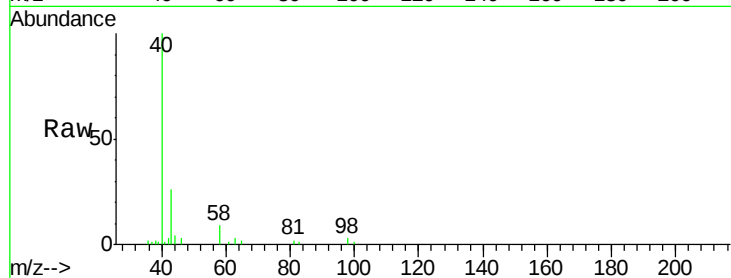
BF1D4

Tot Ion: 43 Resp: 6722

Ion Ratio Lower Upper

43 100

58 34.5 0.0 73.4



#20

cis-1,2-Dichloroethene

Concen: 2.643 ug/L

RT: 4.22 min Scan# 975

Delta R.T. 0.00 min

Lab File: VU030308.D

Acq: 22 Mar 2019 15:13

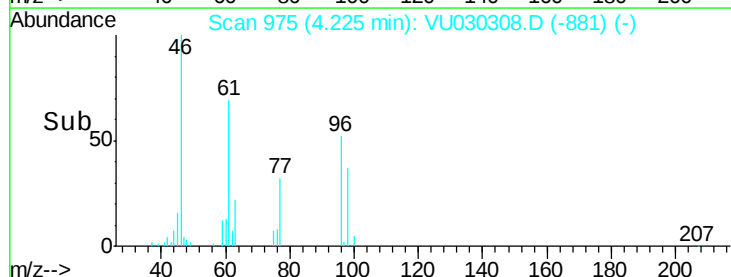
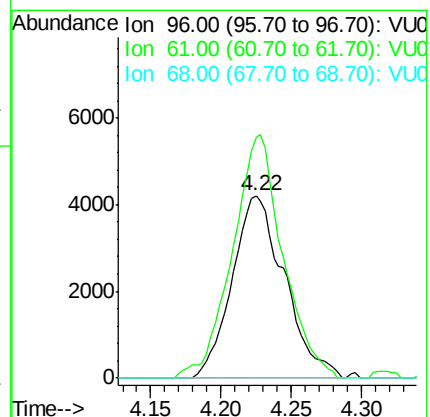
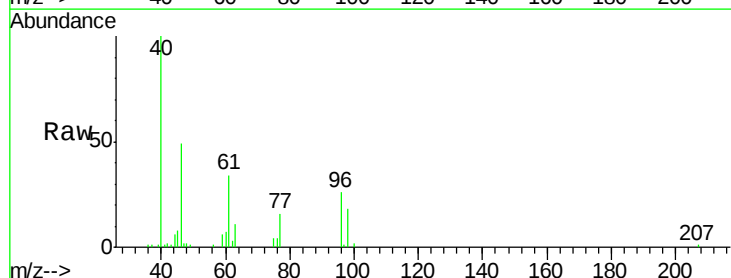
Tgt Ion: 96 Resp: 10918

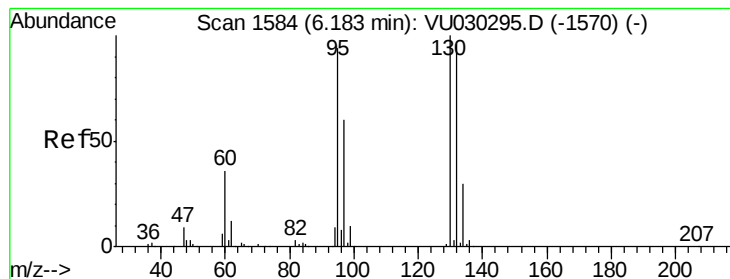
Ion Ratio Lower Upper

96 100

61 131.7 81.5 151.3

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 12.627 ug/L

RT: 6.19 min Scan# 1585

Delta R.T. 0.00 min

Lab File: VU030308.D

Acq: 22 Mar 2019 15:13

Instrument :

MSVOA_U

ClientSampleId :

BF1D4

Tot Ion: 95 Resp: 50905

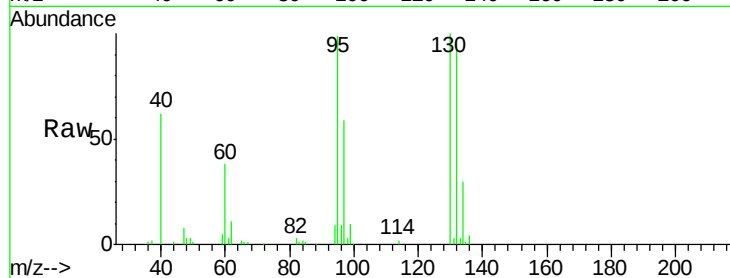
Ion Ratio Lower Upper

95 100

97 59.9 46.2 85.8

132 96.9 69.3 128.7

130 101.2 73.6 136.6



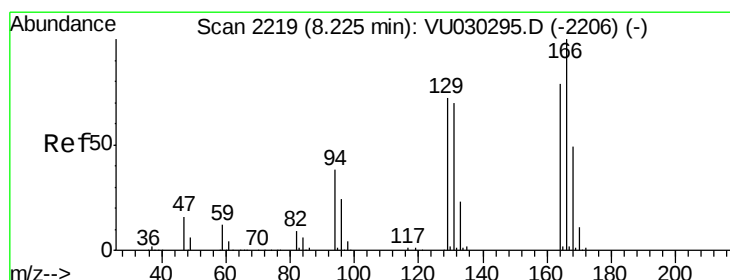
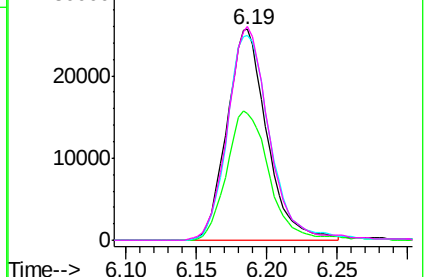
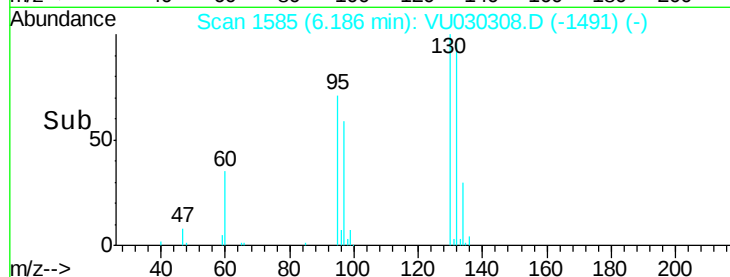
Abundance Ion 95.00 (94.70 to 95.70): VU0

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

Time-->



#46

Tetrachloroethene

Concen: 685.814 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.00 min

Lab File: VU030308.D

Acq: 22 Mar 2019 15:13

Tgt Ion:164 Resp: 2336102

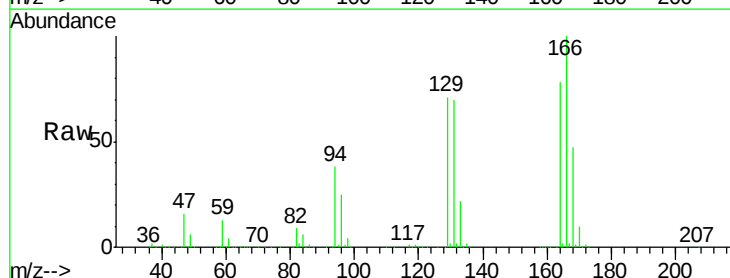
Ion Ratio Lower Upper

164 100

129 92.1 64.4 119.6

131 90.1 63.2 117.4

166 129.0 89.5 166.1



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

Time-->

