

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122018\
 Data File : VU028841.D
 Acq On : 20 Dec 2018 21:55
 Operator : MD/SY
 Sample : J6506-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF011

Quant Time: Dec 21 06:27:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 05:57:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	194566	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	186509	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78760	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	65051	41.70	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	83.40%
7) Chloroethane-d5	1.67	69	53177	44.14	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	88.28%
11) 1,1-Dichloroethene-d2	2.27	63	85712	32.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	65.36%
21) 2-Butanone-d5	4.18	46	114074	104.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.38%
24) Chloroform-d	4.65	84	112273	45.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.54%
26) 1,2-Dichloroethane-d4	5.31	65	71593	47.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.70%
32) Benzene-d6	5.34	84	245271	46.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.10%
36) 1,2-Dichloropropane-d6	6.33	67	85943	48.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.02%
41) Toluene-d8	7.56	98	213839	44.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.56%
43) trans-1,3-Dichloropropene-	7.85	79	36638	45.68	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	91.36%
47) 2-Hexanone-d5	8.31	63	90708	106.69	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	106.69%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116867	47.06	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.12%
64) 1,2-Dichlorobenzene-d4	11.86	152	79696	50.03	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.06%

Target Compounds

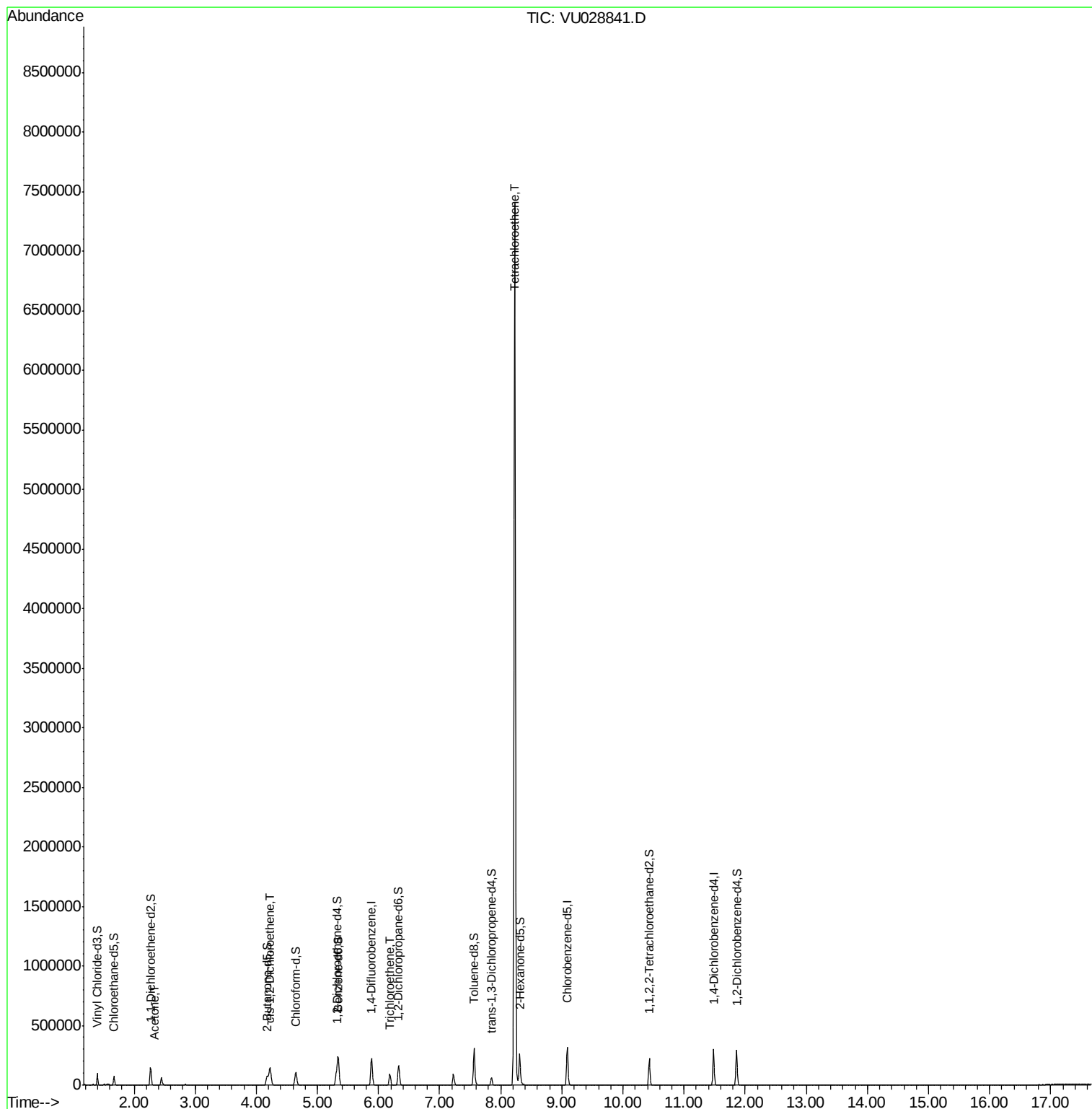
					Qvalue
13) Acetone	2.32	43	2950	2.649 ug/L	97
20) cis-1,2-Dichloroethene	4.22	96	79868	52.166 ug/L	97
34) Trichloroethene	6.19	95	33254	23.197 ug/L	95
46) Tetrachloroethene	8.23	164	1675443	1517.540 ug/L	99

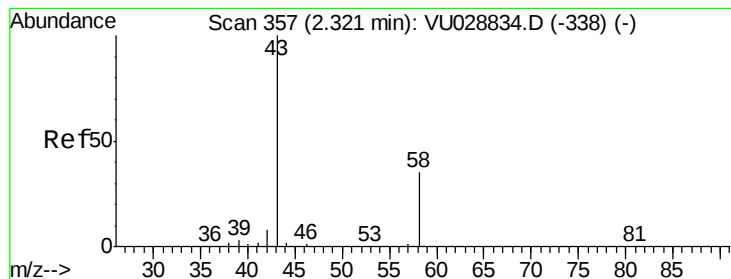
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.649 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028841.D

Acq: 20 Dec 2018 21:55

Instrument :

MSVOA_U

ClientSampleId :

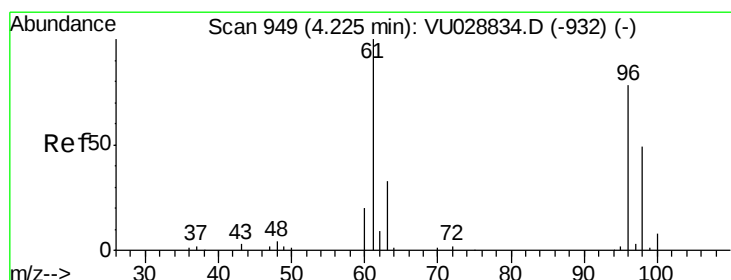
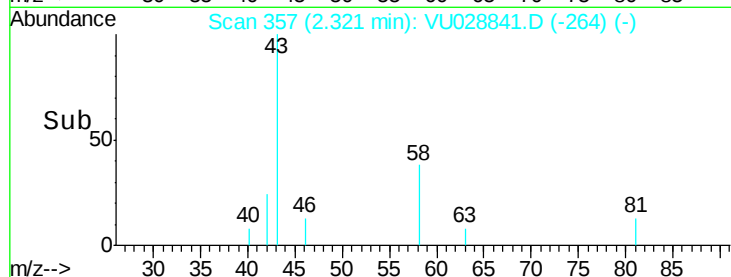
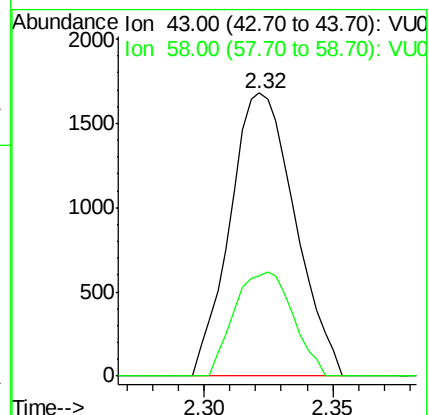
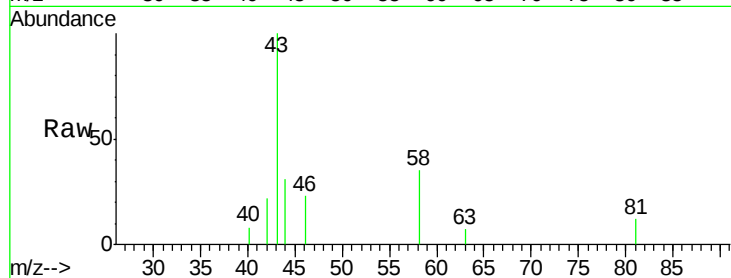
BF011

Tgt Ion: 43 Resp: 2950

Ion Ratio Lower Upper

43 100

58 33.1 0.0 70.2



#20

cis-1,2-Dichloroethene

Concen: 52.166 ug/L

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

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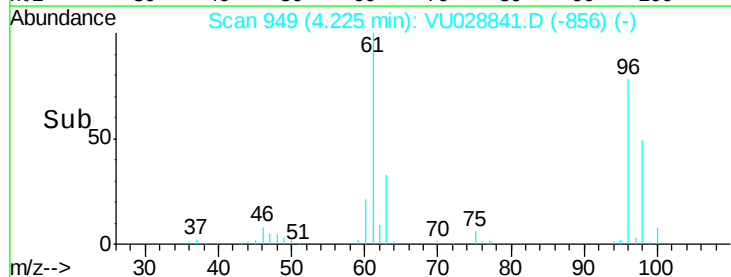
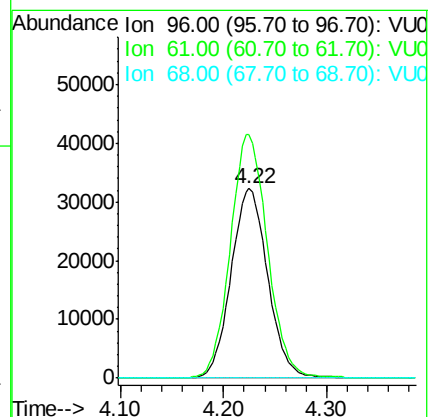
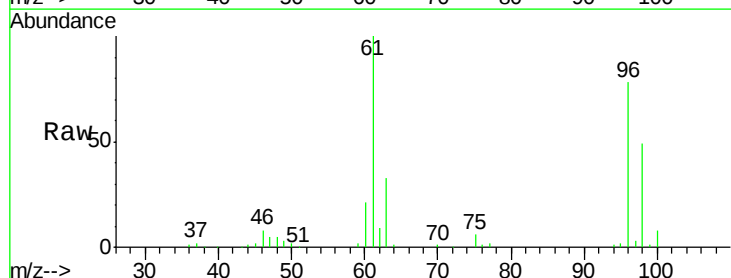
Tgt Ion: 96 Resp: 79868

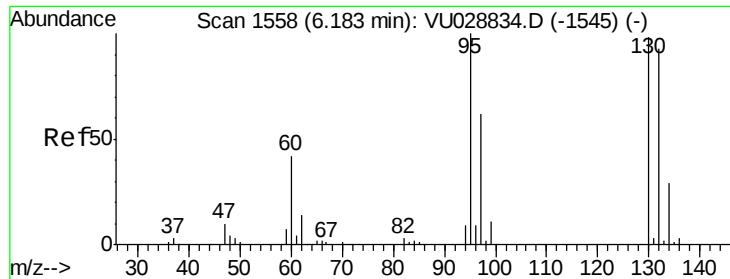
Ion Ratio Lower Upper

96 100

61 128.4 92.1 171.1

68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 23.197 ug/L

RT: 6.19 min Scan# 1559

Delta R.T. 0.00 min

Lab File: VU028841.D

Acq: 20 Dec 2018 21:55

Instrument :

MSVOA_U

ClientSampled :

BF011

Tgt Ion: 95 Resp: 33254

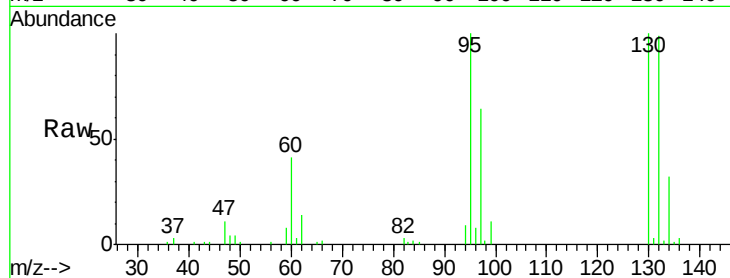
Ion Ratio Lower Upper

95 100

97 64.4 43.3 80.3

132 99.1 64.2 119.2

130 100.3 67.1 124.7



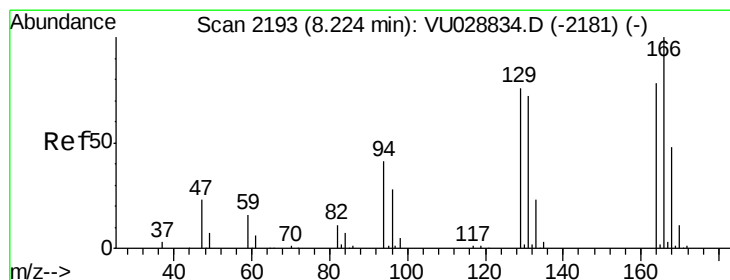
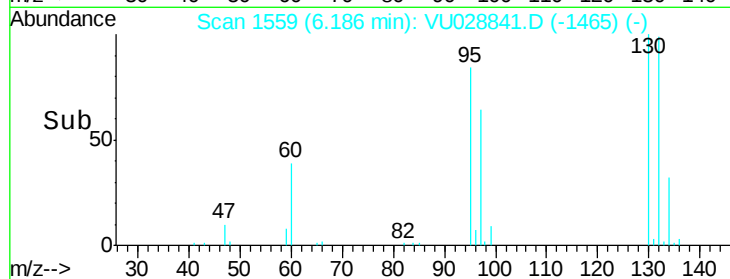
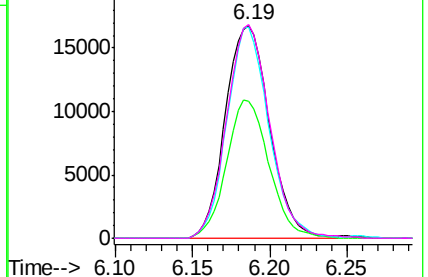
Abundance

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: 1517.540 ug/L

RT: 8.23 min Scan# 2194

Delta R.T. 0.00 min

Lab File: VU028841.D

Acq: 20 Dec 2018 21:55

Tgt Ion: 164 Resp: 1675443

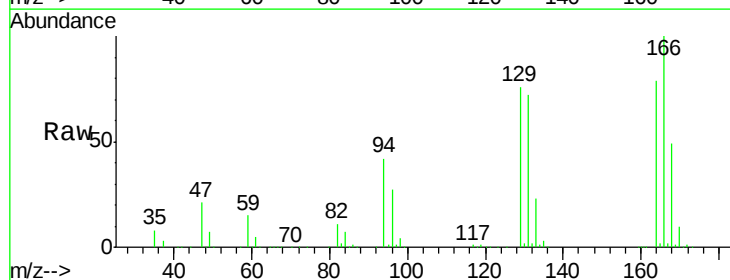
Ion Ratio Lower Upper

164 100

129 95.9 66.8 124.0

131 90.9 64.2 119.2

166 126.8 90.8 168.6



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

