

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU122018\
 Data File : VU028843.D
 Acq On : 20 Dec 2018 22:43
 Operator : MD/SY
 Sample : J6506-19
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BF012

Quant Time: Dec 21 06:33:20 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	195888	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	181425	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	74624	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	64341	40.97	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.94%
7) Chloroethane-d5	1.67	69	52486	43.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.54%
11) 1,1-Dichloroethene-d2	2.27	63	84602	32.03	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	64.06%
21) 2-Butanone-d5	4.18	46	115164	104.67	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	104.67%
24) Chloroform-d	4.65	84	111906	45.32	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.64%
26) 1,2-Dichloroethane-d4	5.31	65	71841	47.19	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.38%
32) Benzene-d6	5.34	84	243682	47.54	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.08%
36) 1,2-Dichloropropane-d6	6.33	67	85928	49.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	98.70%
41) Toluene-d8	7.56	98	211706	45.58	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.16%
43) trans-1,3-Dichloropropene-	7.85	79	37228	47.72	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	95.44%
47) 2-Hexanone-d5	8.31	63	90732	109.71	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.71%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	117992	48.85	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.70%
64) 1,2-Dichlorobenzene-d4	11.86	152	76585	50.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	101.48%

Target Compounds

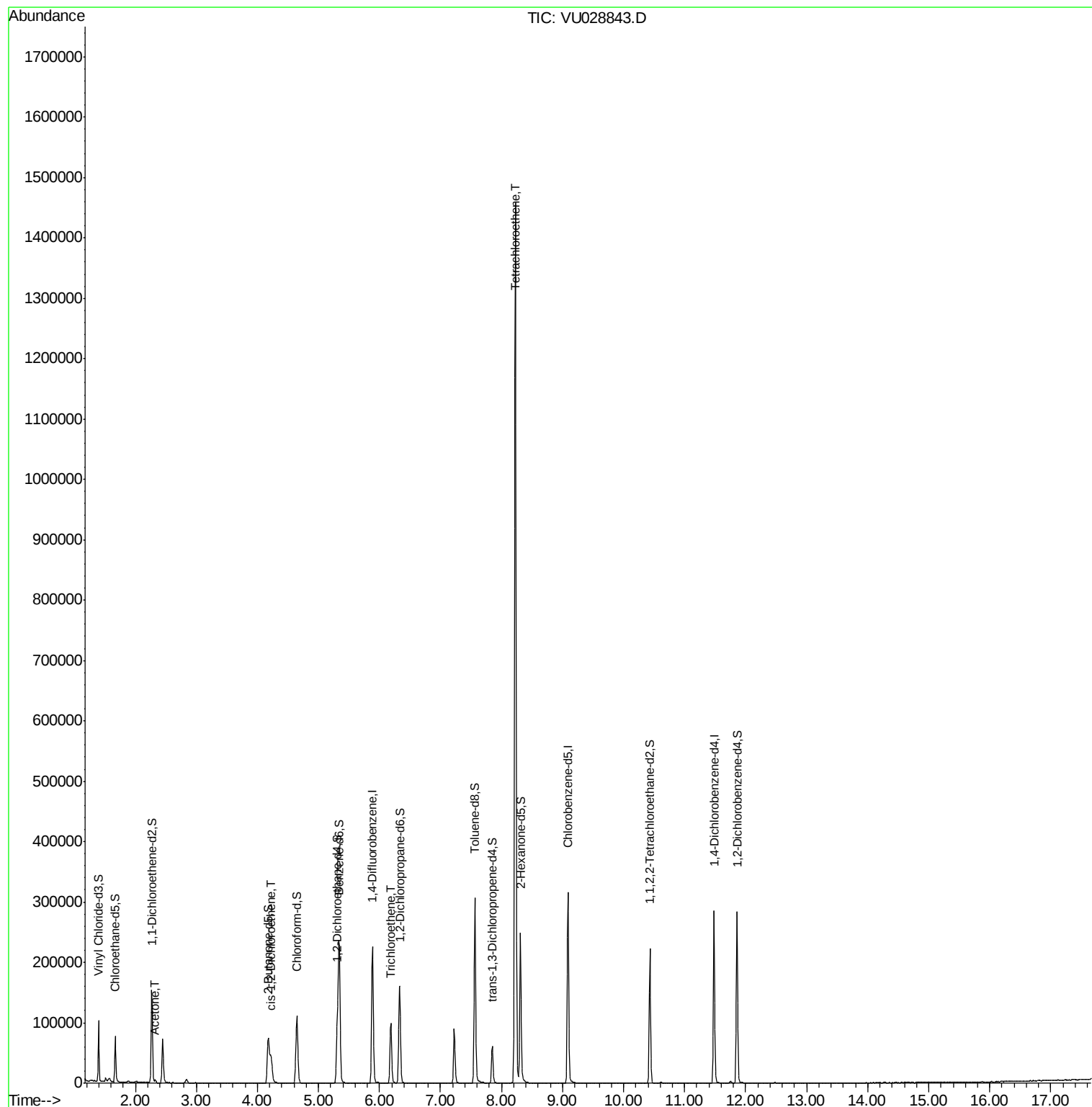
					Qvalue
13) Acetone	2.32	43	4523	4.034 ug/L	93
20) cis-1,2-Dichloroethene	4.22	96	20527	13.317 ug/L	98
34) Trichloroethene	6.19	95	36462	26.148 ug/L	98
46) Tetrachloroethene	8.22	164	337276	314.050 ug/L	98

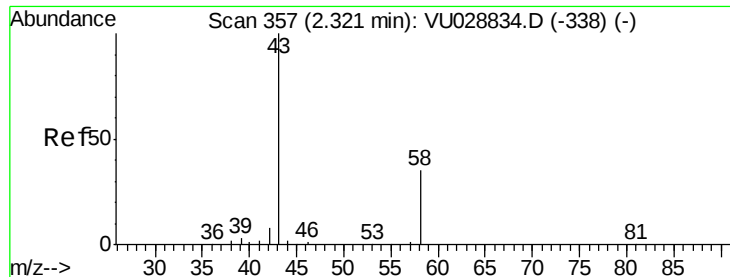
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.034 ug/L

RT: 2.32 min Scan# 357

Delta R.T. 0.00 min

Lab File: VU028843.D

Acq: 20 Dec 2018 22:43

Instrument :

MSVOA_U

ClientSampleId :

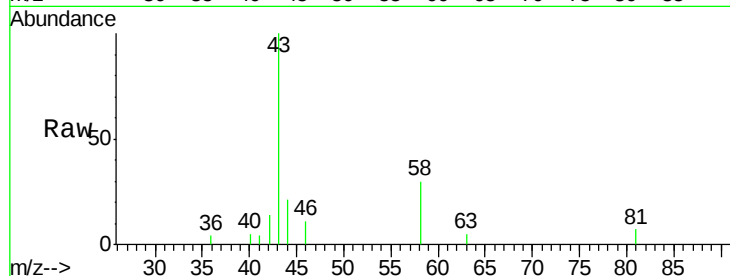
BF012

Tgt Ion: 43 Resp: 4523

Ion Ratio Lower Upper

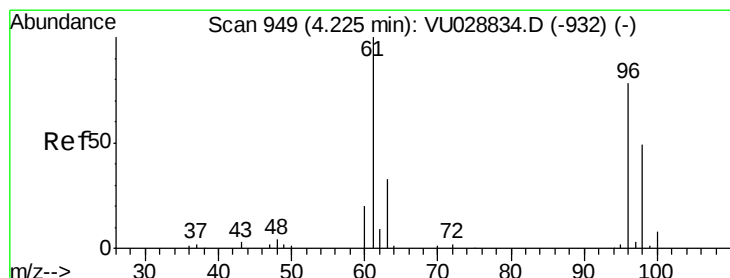
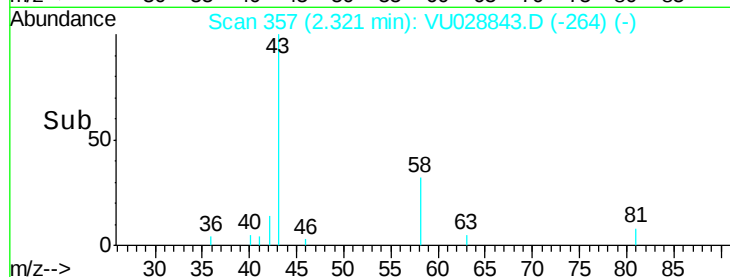
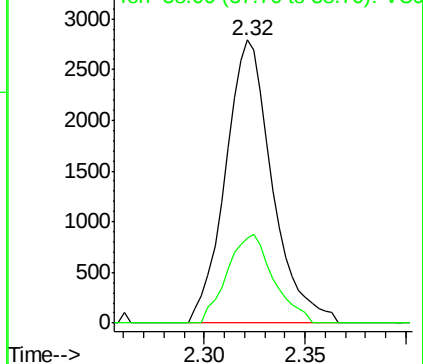
43 100

58 31.0 0.0 70.2



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#20

cis-1,2-Dichloroethene

Concen: 13.317 ug/L

RT: 4.22 min Scan# 949

Delta R.T. 0.00 min

Lab File: VU028843.D

Acq: 20 Dec 2018 22:43

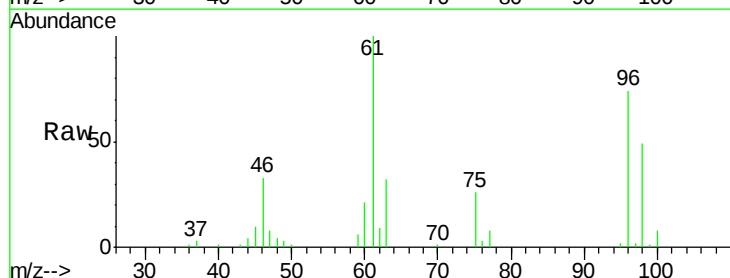
Tgt Ion: 96 Resp: 20527

Ion Ratio Lower Upper

96 100

61 134.3 92.1 171.1

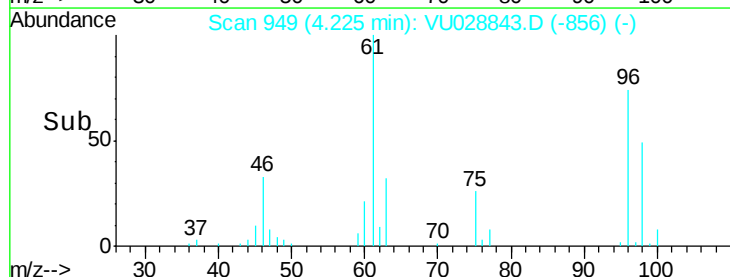
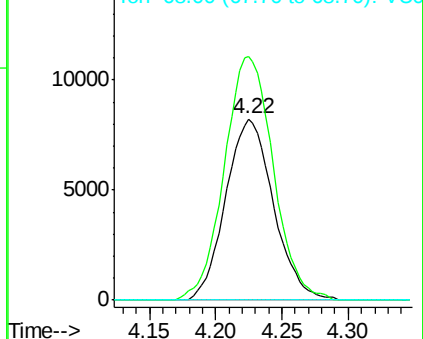
68 0.0 0.0 0.0

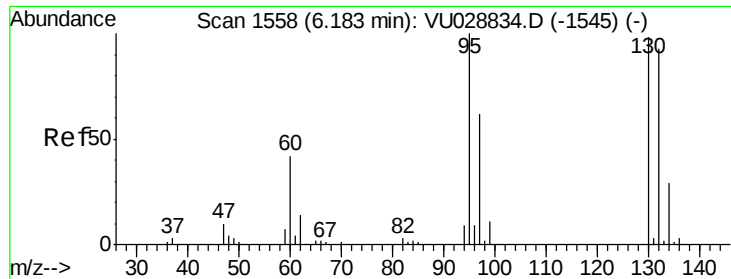


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 68.00 (67.70 to 68.70): VU0

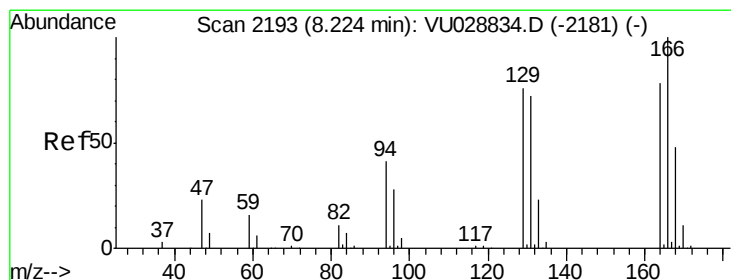
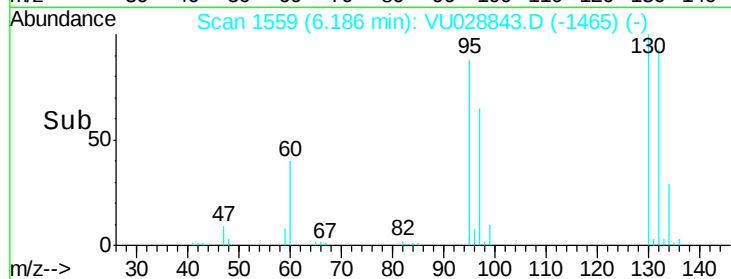
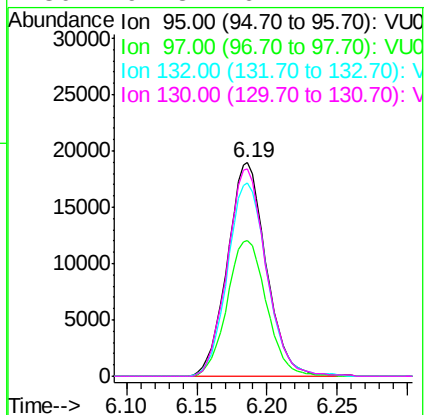
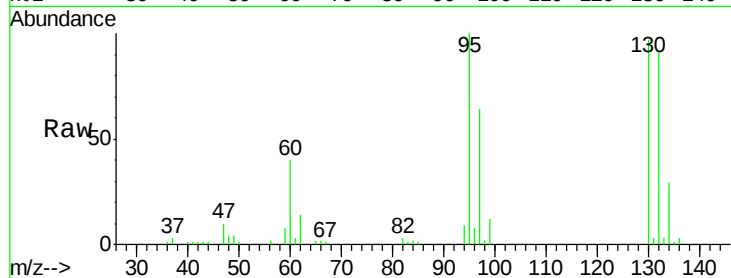




#34
 Trichloroethene
 Concen: 26.148 ug/L
 RT: 6.19 min Scan# 1559
 Delta R.T. 0.00 min
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Tgt Ion: 95 Resp: 36462
 Ion Ratio Lower Upper
 95 100
 97 63.7 43.3 80.3
 132 90.5 64.2 119.2
 130 97.3 67.1 124.7



#46
 Tetrachloroethene
 Concen: 314.050 ug/L
 RT: 8.22 min Scan# 2193
 Delta R.T. 0.00 min
 Lab File: VU028843.D
 Acq: 20 Dec 2018 22:43

Tgt Ion: 164 Resp: 337276
 Ion Ratio Lower Upper
 164 100
 129 94.0 66.8 124.0
 131 90.0 64.2 119.2
 166 126.2 90.8 168.6

