

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027833.D
 Acq On : 26 Oct 2018 15:05
 Operator : MD/SY
 Sample : J5668-07
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBQ8

Quant Time: Oct 29 11:13:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM102218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Oct 27 01:41:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	110480	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	103187	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	48886	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30866	35.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	71.82%
7) Chloroethane-d5	1.68	69	26323	39.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	79.54%
11) 1,1-Dichloroethene-d2	2.27	63	46431	29.99	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	59.98%#
21) 2-Butanone-d5	4.18	46	72520	99.00	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.00%
24) Chloroform-d	4.65	84	67051	43.39	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	86.78%
26) 1,2-Dichloroethane-d4	5.31	65	47674	44.55	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.10%
32) Benzene-d6	5.34	84	124269	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.58%
36) 1,2-Dichloropropane-d6	6.33	67	47527	45.30	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	90.60%
41) Toluene-d8	7.57	98	115057	42.45	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.90%
43) trans-1,3-Dichloropropene-	7.85	79	21480	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.32%
47) 2-Hexanone-d5	8.31	63	53424	99.51	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	99.51%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	62668	46.26	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.52%
64) 1,2-Dichlorobenzene-d4	11.86	152	44953	44.89	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.78%

Target Compounds

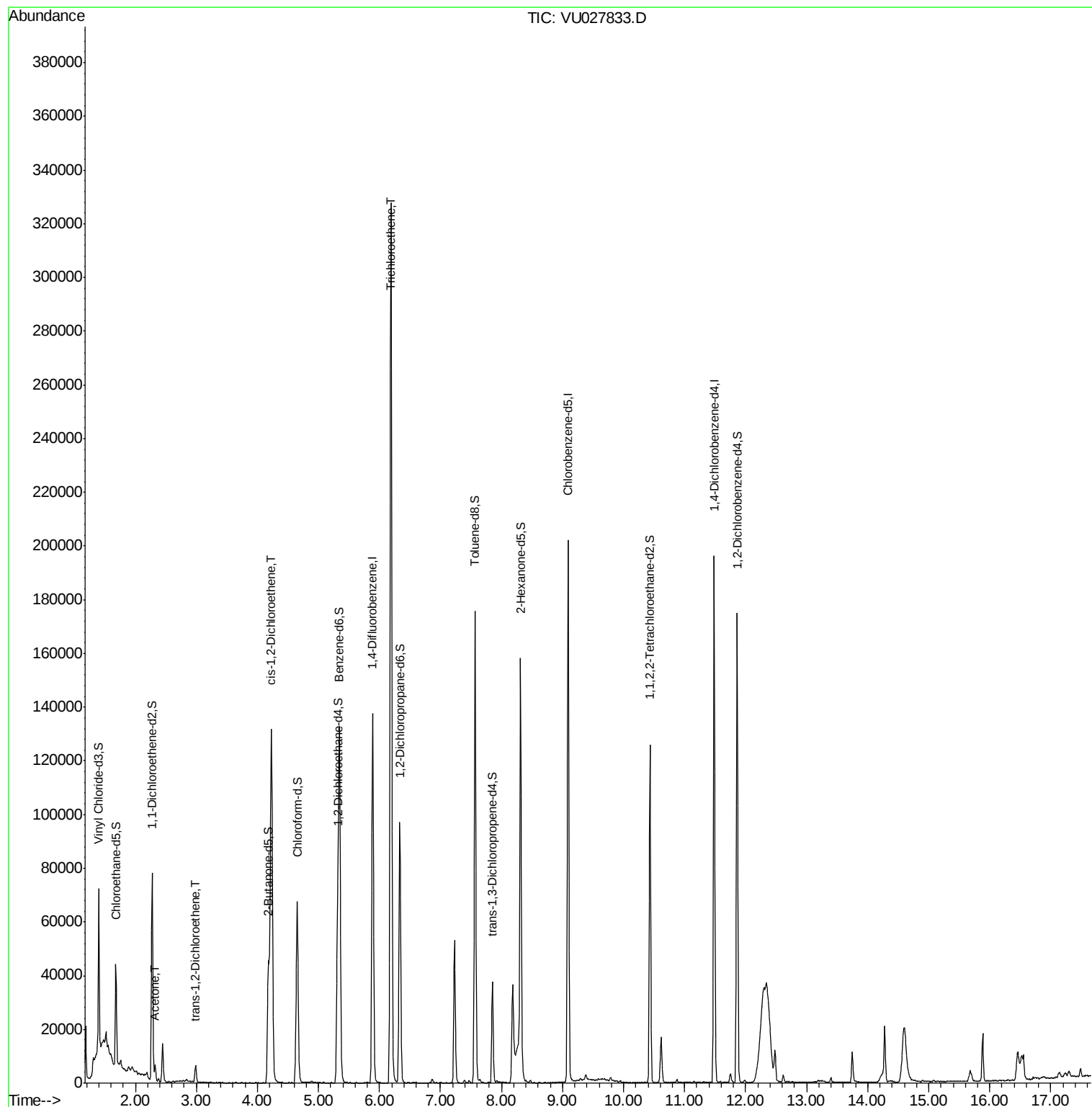
					Ovalue
13) Acetone	2.32	43	5725	11.220	ug/L 95
17) trans-1,2-Dichloroethene	2.99	96	2263	3.323	ug/L 95
20) cis-1,2-Dichloroethene	4.23	96	68072	84.497	ug/L 98
34) Trichloroethene	6.19	95	116931	152.158	ug/L 99

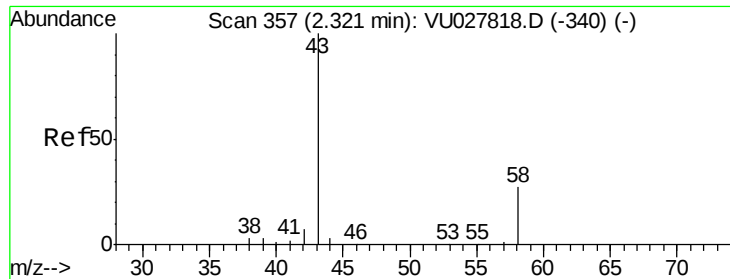
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.220 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.00 min

Lab File: VU027833.D

Acq: 26 Oct 2018 15:05

Instrument :

MSVOA_U

ClientSampled :

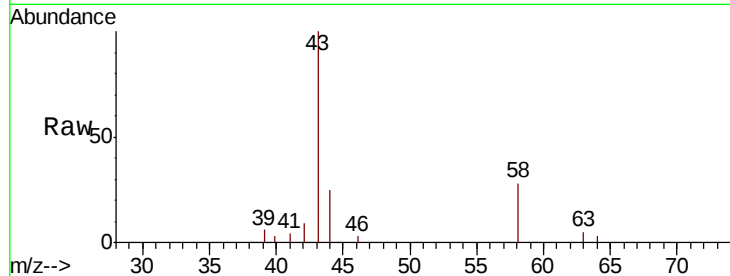
ETBQ8

Tot Ion: 43 Resp: 5725

Ion Ratio Lower Upper

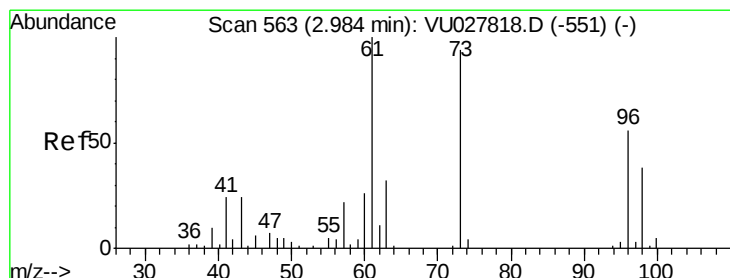
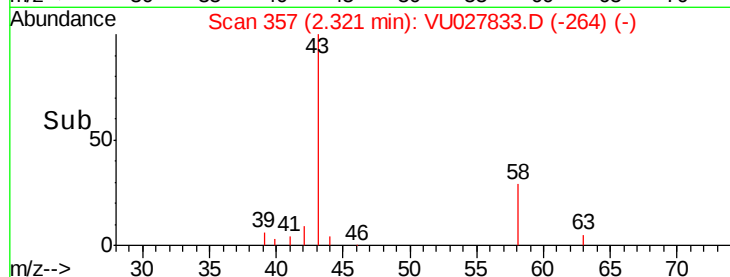
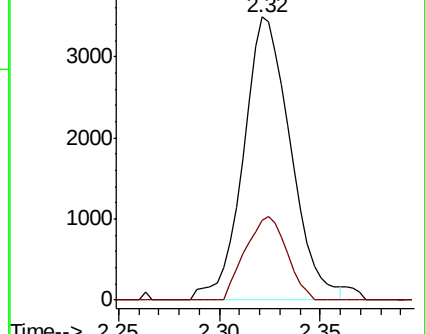
43 100

58 26.0 0.0 57.4



Abundance Ion 43.00 (42.70 to 43.70): VU0

Ion 58.00 (57.70 to 58.70): VU0



#17

trans-1,2-Dichloroethene

Concen: 3.323 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027833.D

Acq: 26 Oct 2018 15:05

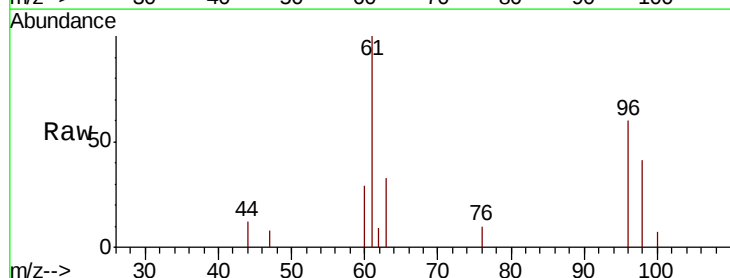
Tgt Ion: 96 Resp: 2263

Ion Ratio Lower Upper

96 100

61 167.6 114.7 212.9

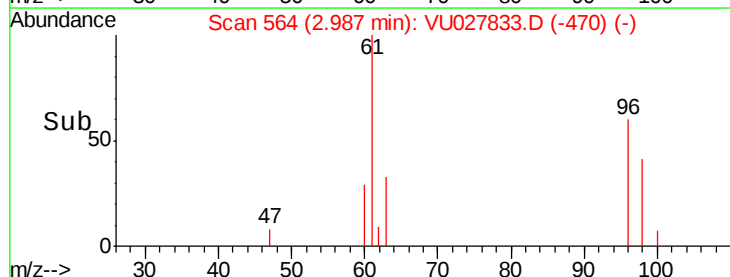
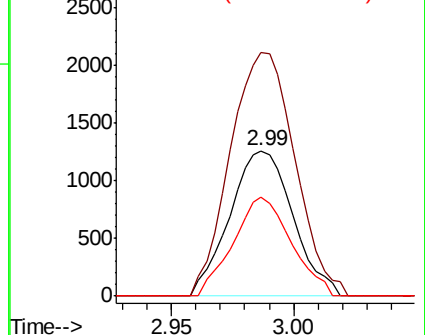
98 67.9 42.2 78.4

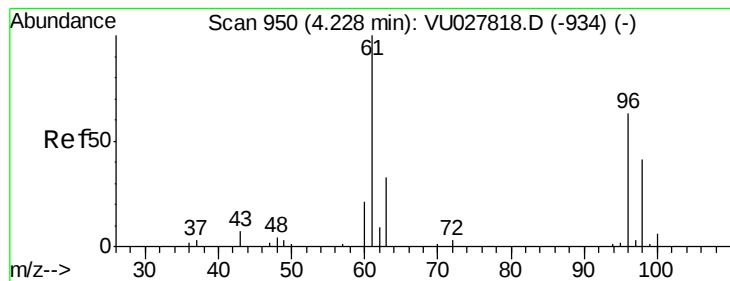


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0



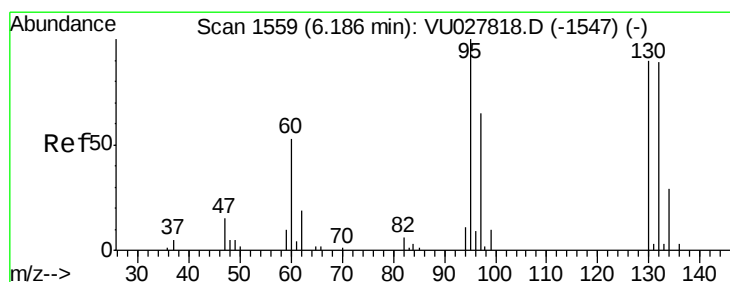
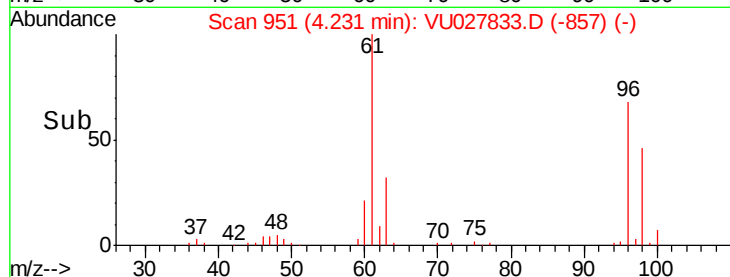
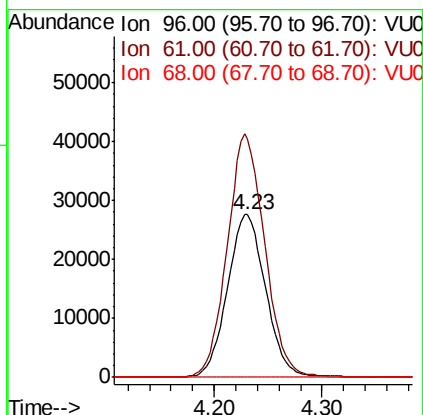
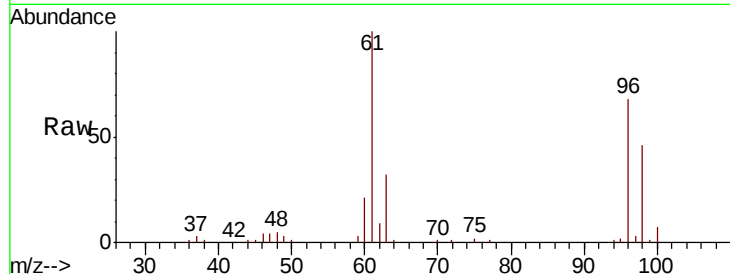


#20

cis-1,2-Dichloroethene
Concen: 84.497 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027833.D
Acq: 26 Oct 2018 15:05

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ClientSampled :
ETBQ8

Tot Ion: 96 Resp: 68072
Ion Ratio Lower Upper
96 100
61 146.1 104.2 193.4
68 0.0 0.0 0.0



#34

Trichloroethene
Concen: 152.158 ug/L
RT: 6.19 min Scan# 1559
Delta R.T. -0.00 min
Lab File: VU027833.D
Acq: 26 Oct 2018 15:05

Tgt Ion: 95 Resp: 116931
Ion Ratio Lower Upper
95 100
97 64.5 45.8 85.2
132 90.2 62.1 115.3
130 93.2 65.0 120.6

