

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027836.D
 Acq On : 26 Oct 2018 16:15
 Operator : MD/SY
 Sample : J5668-10
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBS0

Quant Time: Oct 29 11:22:44 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	124908	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	115148	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	52425	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	30132	31.00	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	62.00%
7) Chloroethane-d5	1.68	69	26741	35.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	71.48%
11) 1,1-Dichloroethene-d2	2.28	63	47100	26.91	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	53.82%#
21) 2-Butanone-d5	4.18	46	76703	92.61	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	92.61%
24) Chloroform-d	4.65	84	67681	38.74	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	77.48%
26) 1,2-Dichloroethane-d4	5.31	65	49741	41.12	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.24%
32) Benzene-d6	5.34	84	128496	39.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.36%
36) 1,2-Dichloropropane-d6	6.33	67	48904	41.77	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	83.54%
41) Toluene-d8	7.57	98	117306	38.78	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.56%#
43) trans-1,3-Dichloropropene-	7.85	79	21592	37.98	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.96%
47) 2-Hexanone-d5	8.31	63	54702	91.30	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	91.30%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	65628	43.41	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.82%
64) 1,2-Dichlorobenzene-d4	11.86	152	44131	41.10	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

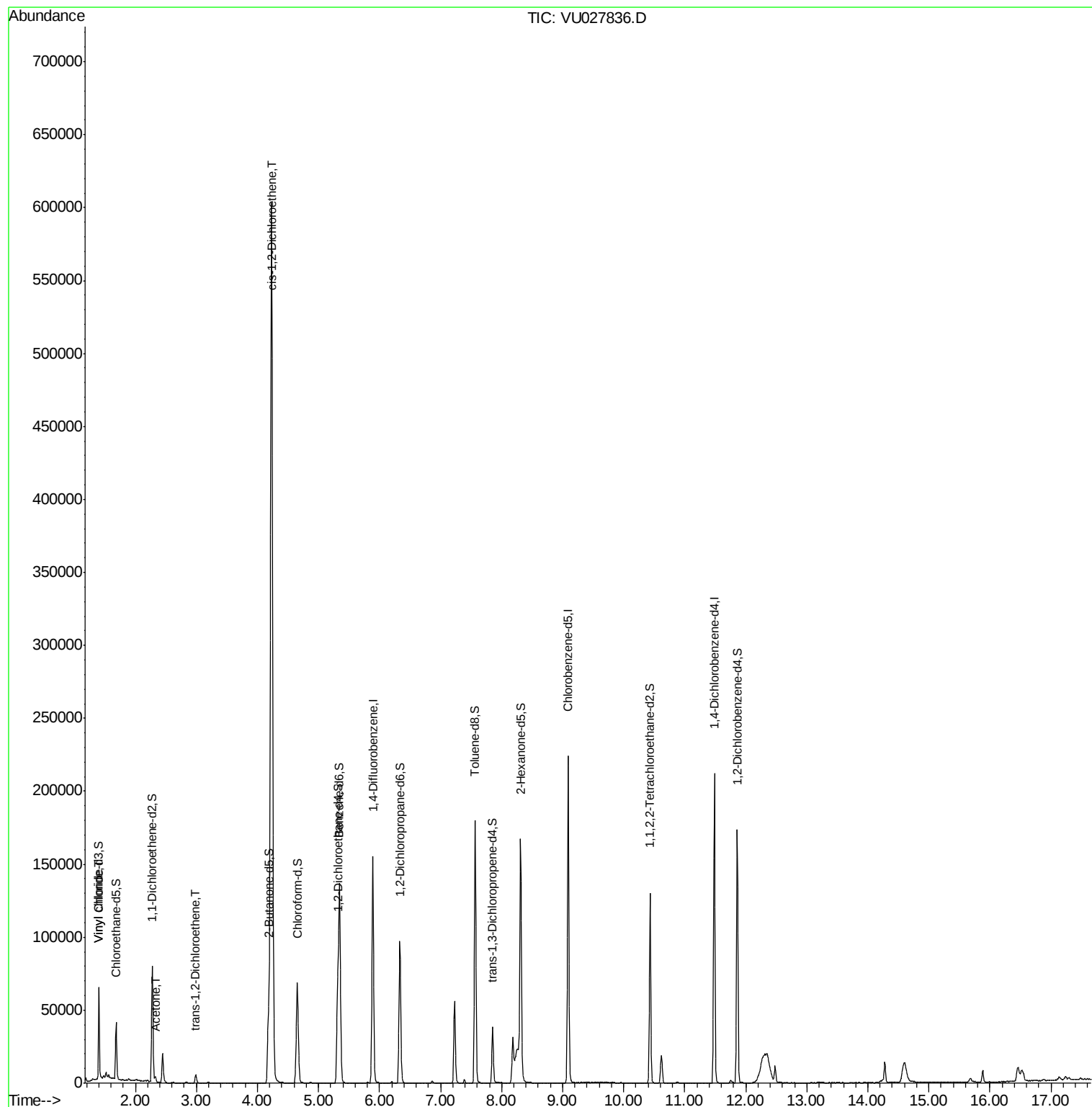
					Ovalue
5) Vinyl chloride	1.41	62	12502	11.084 ug/L #	77
13) Acetone	2.32	43	3973	6.887 ug/L	97
17) trans-1,2-Dichloroethene	2.99	96	1969	2.557 ug/L #	81
20) cis-1,2-Dichloroethene	4.23	96	322300	353.855 ug/L	100

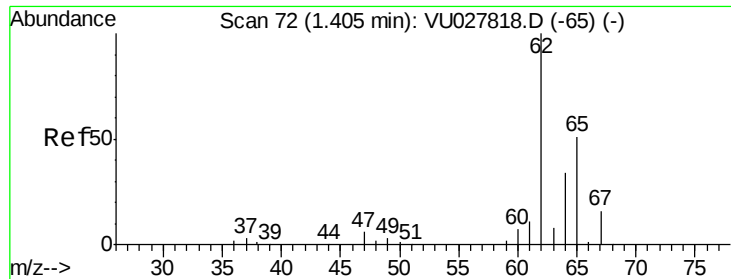
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 11.084 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027836.D

Acq: 26 Oct 2018 16:15

Instrument :

MSVOA_U

ClientSampleId :

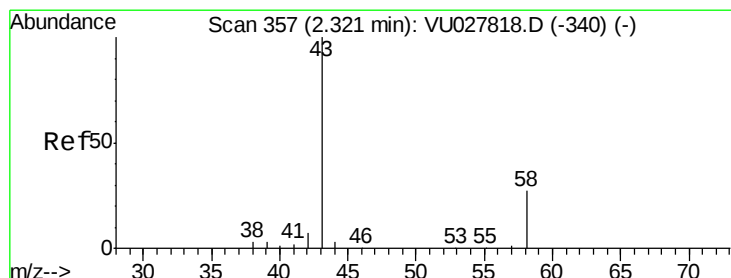
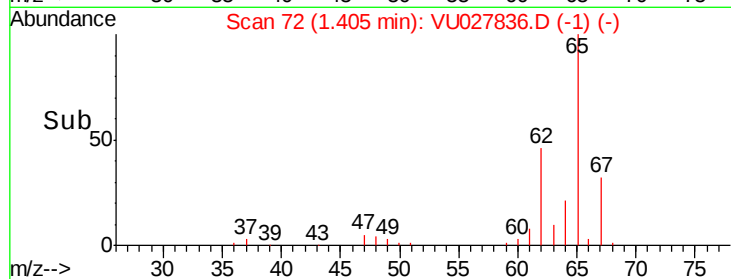
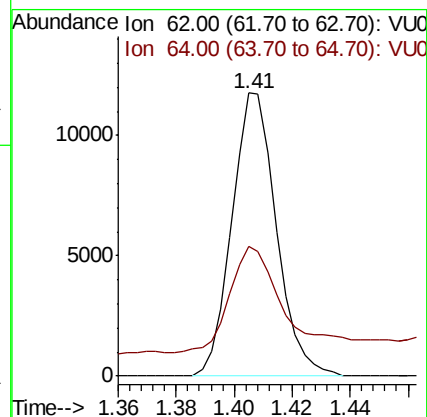
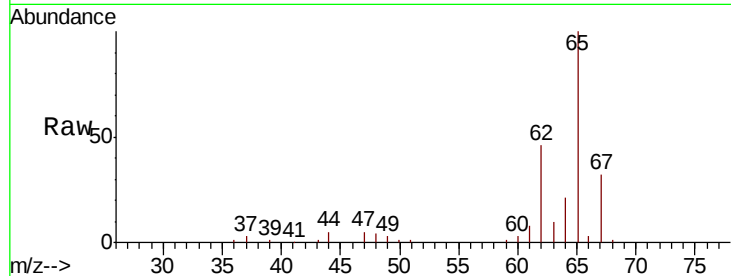
ETBS0

Tot Ion: 62 Resp: 12502

Ion Ratio Lower Upper

62 100

64 45.7 23.0 42.8#



#13

Acetone

Concen: 6.887 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

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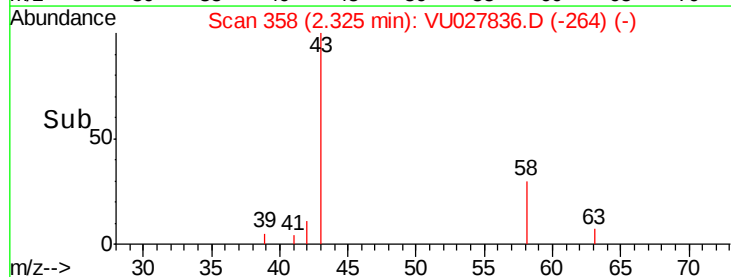
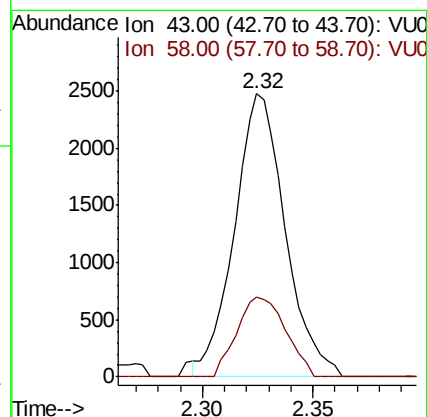
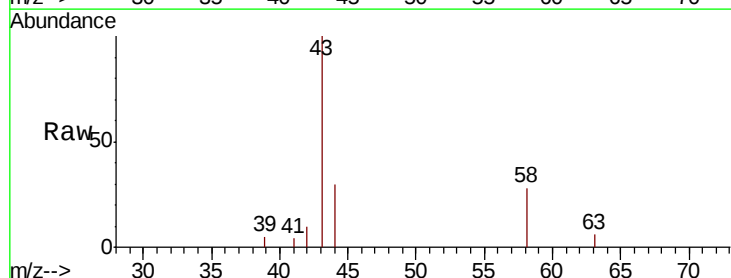
Acq: 26 Oct 2018 16:15

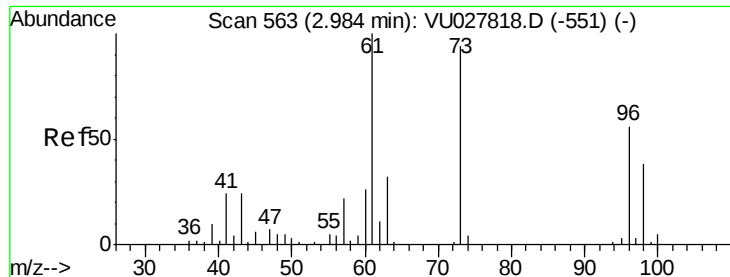
Tgt Ion: 43 Resp: 3973

Ion Ratio Lower Upper

43 100

58 27.0 0.0 57.4

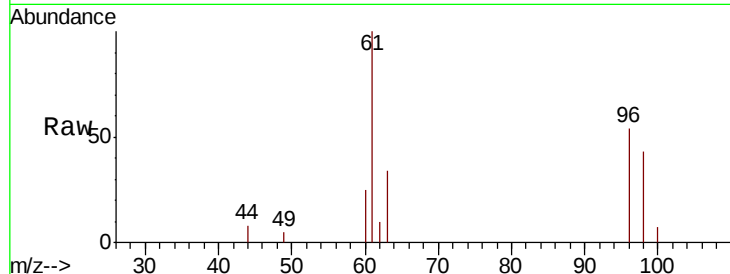




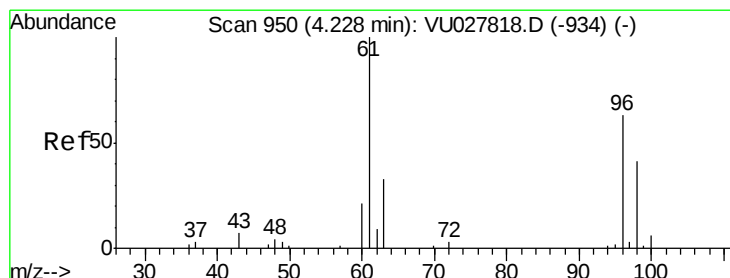
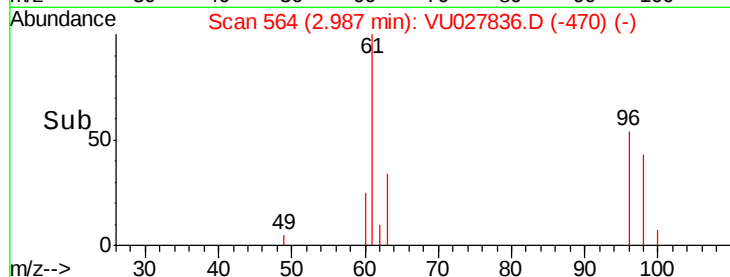
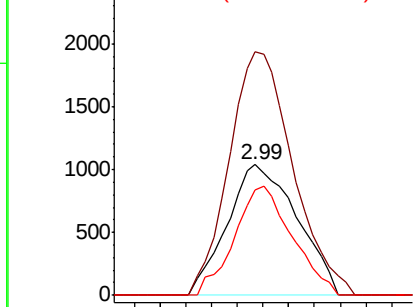
#17
trans-1,2-Dichloroethene
Concen: 2.557 ug/L
RT: 2.99 min Scan# 564
Delta R.T. 0.00 min
Lab File: VU027836.D
Acq: 26 Oct 2018 16:15

Instrument :
MSVOA_U
ClientSampleId :
ETBS0

Tot Ion: 96 Resp: 1969
Ion Ratio Lower Upper
96 100
61 186.2 114.7 212.9
98 80.4 42.2 78.4#

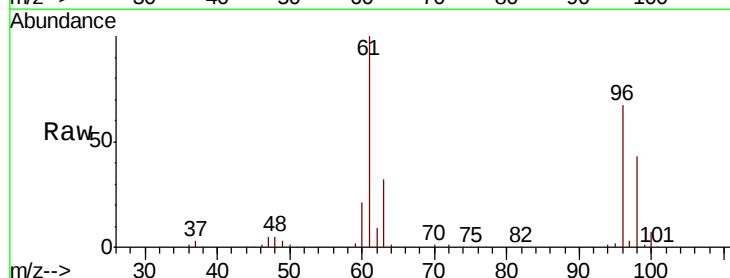


Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 98.00 (97.70 to 98.70): VU0



#20
cis-1,2-Dichloroethene
Concen: 353.855 ug/L
RT: 4.23 min Scan# 951
Delta R.T. 0.00 min
Lab File: VU027836.D
Acq: 26 Oct 2018 16:15

Tgt Ion: 96 Resp: 322300
Ion Ratio Lower Upper
96 100
61 148.3 104.2 193.4
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

