

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU102618\
 Data File : VU027829.D
 Acq On : 26 Oct 2018 13:32
 Operator : MD/SY
 Sample : J5668-03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP9

Quant Time: Oct 27 02:41:45 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	114704	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	108597	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	52480	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	34475	38.63	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	77.26%
7) Chloroethane-d5	1.68	69	25311	36.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.68%
11) 1,1-Dichloroethene-d2	2.27	63	46292	28.80	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	57.60%#
21) 2-Butanone-d5	4.18	46	73118	96.14	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	96.14%
24) Chloroform-d	4.65	84	65150	40.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.22%
26) 1,2-Dichloroethane-d4	5.31	65	47306	42.58	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.16%
32) Benzene-d6	5.34	84	122252	39.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	79.06%
36) 1,2-Dichloropropane-d6	6.33	67	45221	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.90%
41) Toluene-d8	7.57	98	112637	39.48	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.96%#
43) trans-1,3-Dichloropropene-	7.85	79	20591	38.40	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.80%
47) 2-Hexanone-d5	8.31	63	52259	92.49	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.49%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	61162	42.90	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	44921	41.79	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.58%

Target Compounds

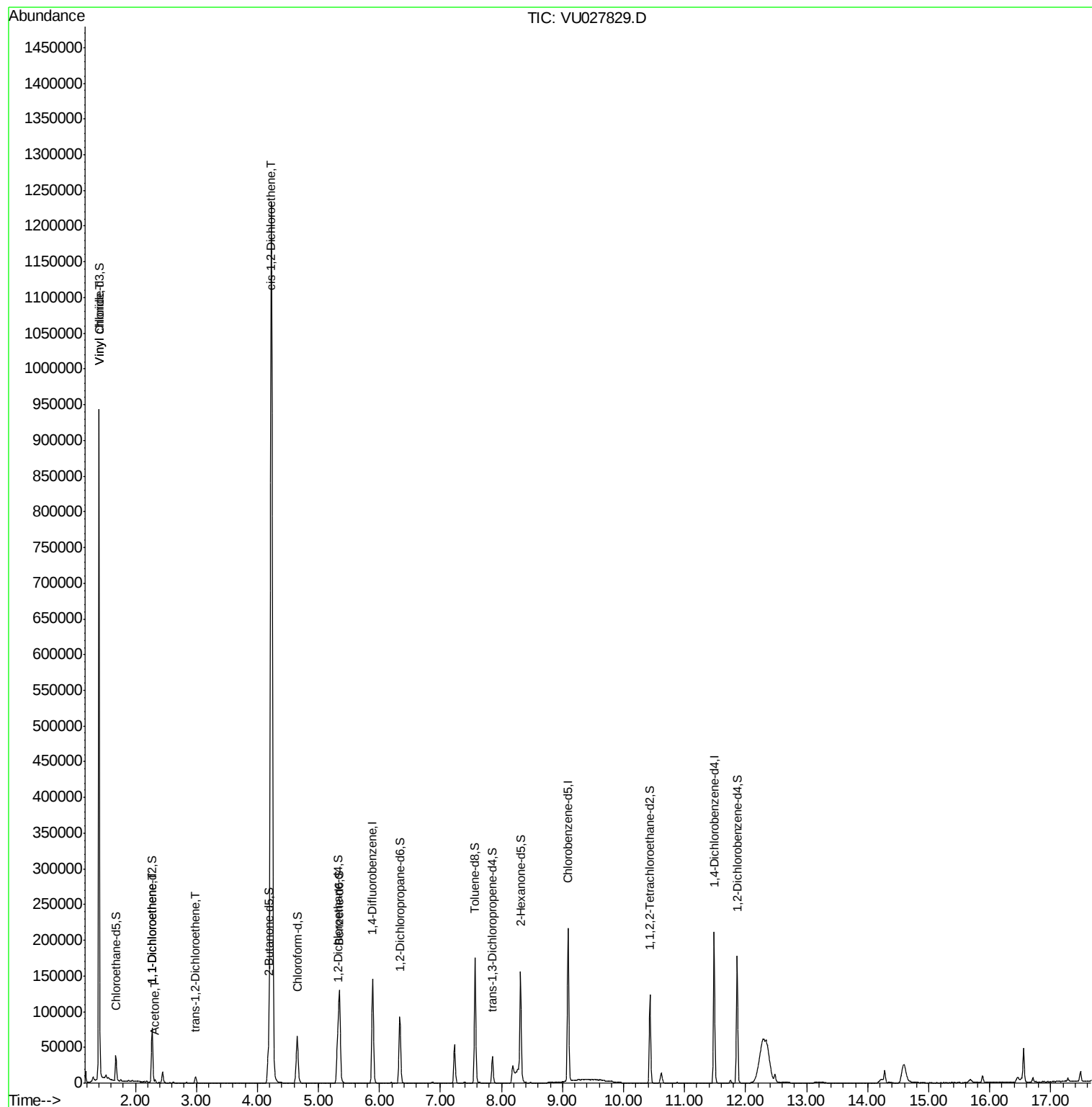
					Ovalue
5) Vinyl chloride	1.41	62	550176	531.148	ug/L 100
12) 1,1-Dichloroethene	2.29	96	1085	1.698	ug/L # 1
13) Acetone	2.32	43	4297	8.111	ug/L 93
17) trans-1,2-Dichloroethene	2.99	96	3001	4.245	ug/L 89
20) cis-1,2-Dichloroethene	4.23	96	647581	774.232	ug/L 99

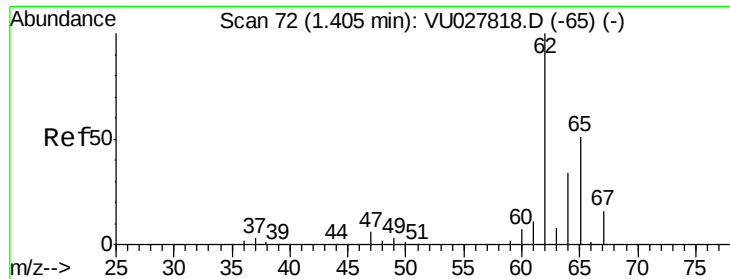
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 531.148 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampled :

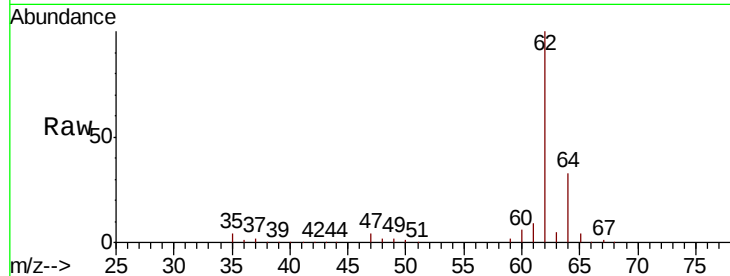
ETBP9

Tot Ion: 62 Resp: 550176

Ion Ratio Lower Upper

62 100

64 32.8 23.0 42.8



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0

1.41

500000

400000

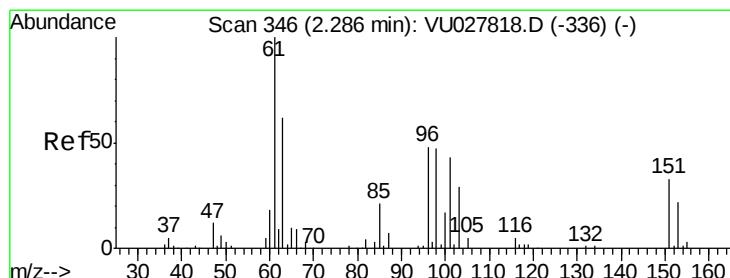
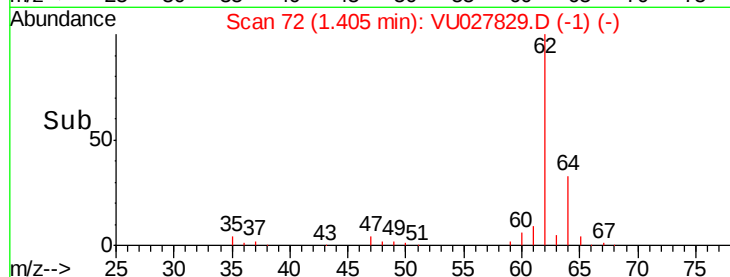
300000

200000

100000

0

Time-->



#12

1,1-Dichloroethene

Concen: 1.698 ug/L

RT: 2.29 min Scan# 346

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

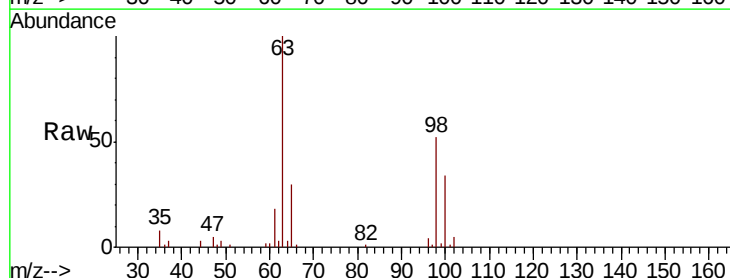
Tgt Ion: 96 Resp: 1085

Ion Ratio Lower Upper

96 100

61 459.4 137.3 255.1#

63 2519.0 109.8 204.0#



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 63.00 (62.70 to 63.70): VU0

40000

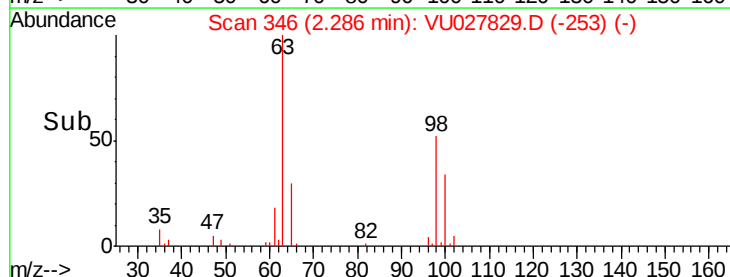
30000

20000

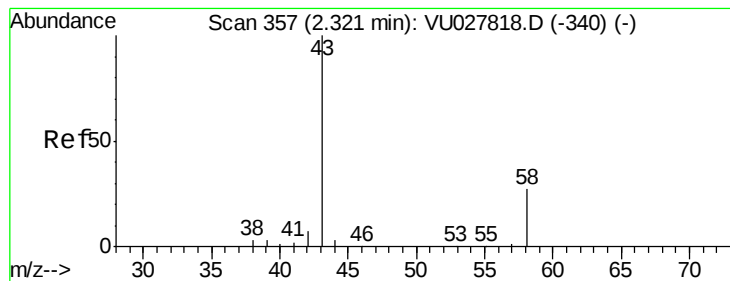
10000

0

Time-->



Time-->



#13

Acetone

Concen: 8.111 ug/L

RT: 2.32 min Scan# 358

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

Instrument :

MSVOA_U

ClientSampleId :

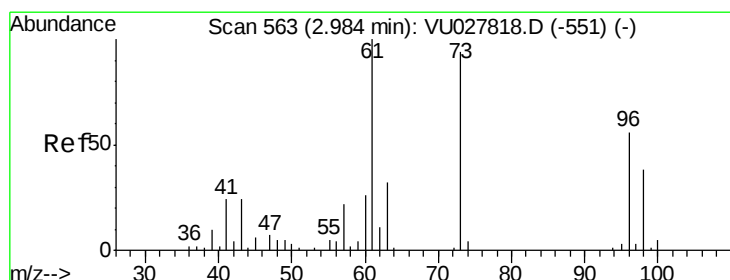
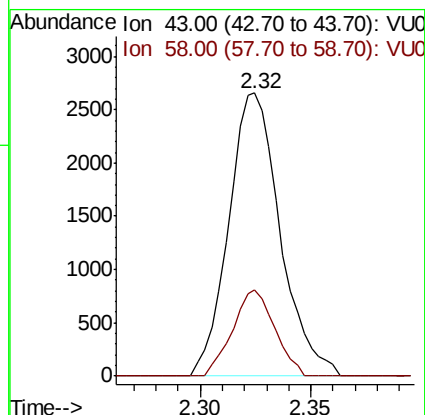
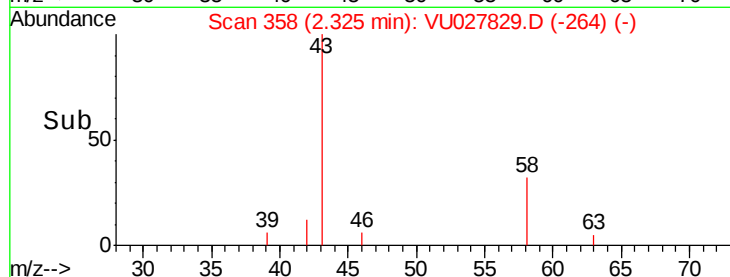
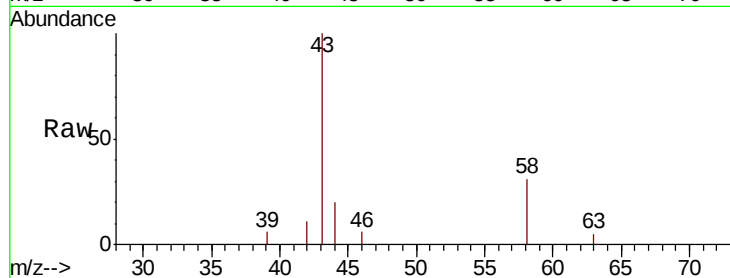
ETBP9

Tot Ion: 43 Resp: 4297

Ion Ratio Lower Upper

43 100

58 24.8 0.0 57.4



#17

trans-1,2-Dichloroethene

Concen: 4.245 ug/L

RT: 2.99 min Scan# 564

Delta R.T. 0.00 min

Lab File: VU027829.D

Acq: 26 Oct 2018 13:32

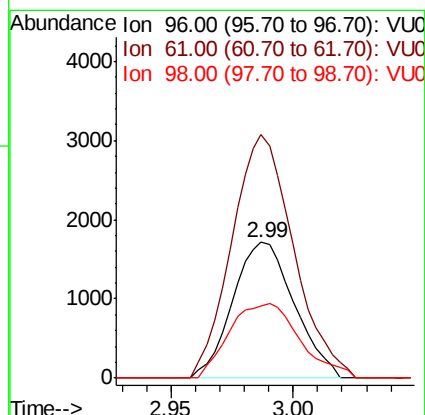
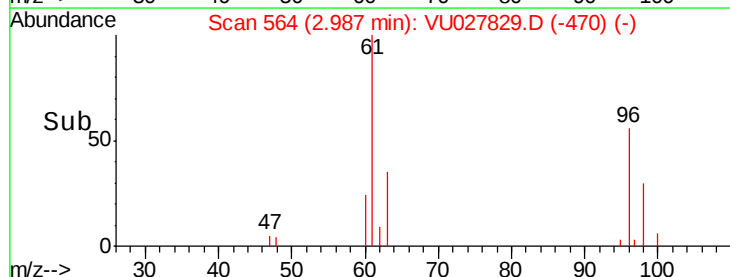
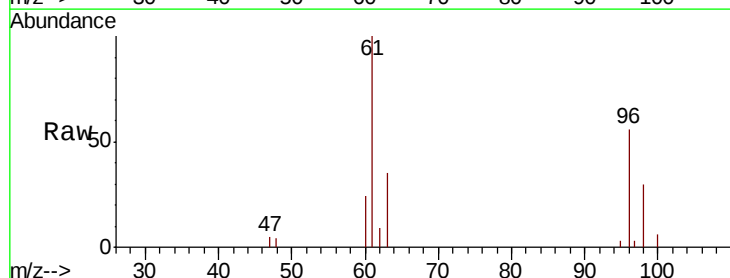
Tgt Ion: 96 Resp: 3001

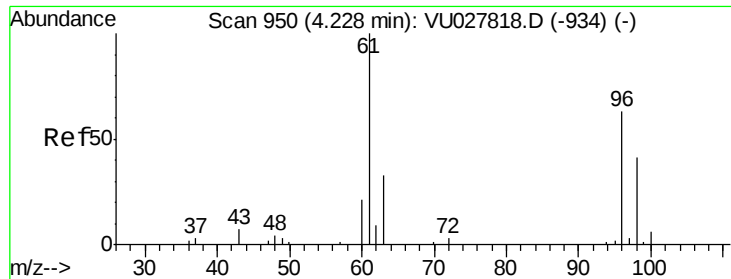
Ion Ratio Lower Upper

96 100

61 179.6 114.7 212.9

98 53.3 42.2 78.4





#20
 cis-1,2-Dichloroethene
 Concen: 774.232 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
 Lab File: VU027829.D
 Acq: 26 Oct 2018 13:32

Instrument :
 MSVOA_U
 ClientSampleId :
 ETBP9

Tot Ion: 96 Resp: 647581
 Ion Ratio Lower Upper
 96 100
 61 148.0 104.2 193.4
 68 0.0 0.0 0.0

