

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028162.D
 Acq On : 15 Nov 2018 10:31
 Operator : MD/SY
 Sample : J5943-16DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FN2DL

Quant Time: Nov 16 01:03:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR111418WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 16 00:43:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	134275	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	124165	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56145	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44487	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.68	69	38762	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.60%
11) 1,1-Dichloroethene-d2	2.28	63	67035	3.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.40%
20) 2-Butanone-d5	4.19	46	156058	48.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.58%
24) Chloroform-d	4.65	84	82764	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.31	65	48372	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.34	84	168462	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.33	67	61866	4.85	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.00%
41) Toluene-d8	7.57	98	146498	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.85	79	19153	4.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.20%
46) 2-Hexanone-d5	8.31	63	117544	45.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.50%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	43300	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.00%
64) 1,2-Dichlorobenzene-d4	11.86	152	49172	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

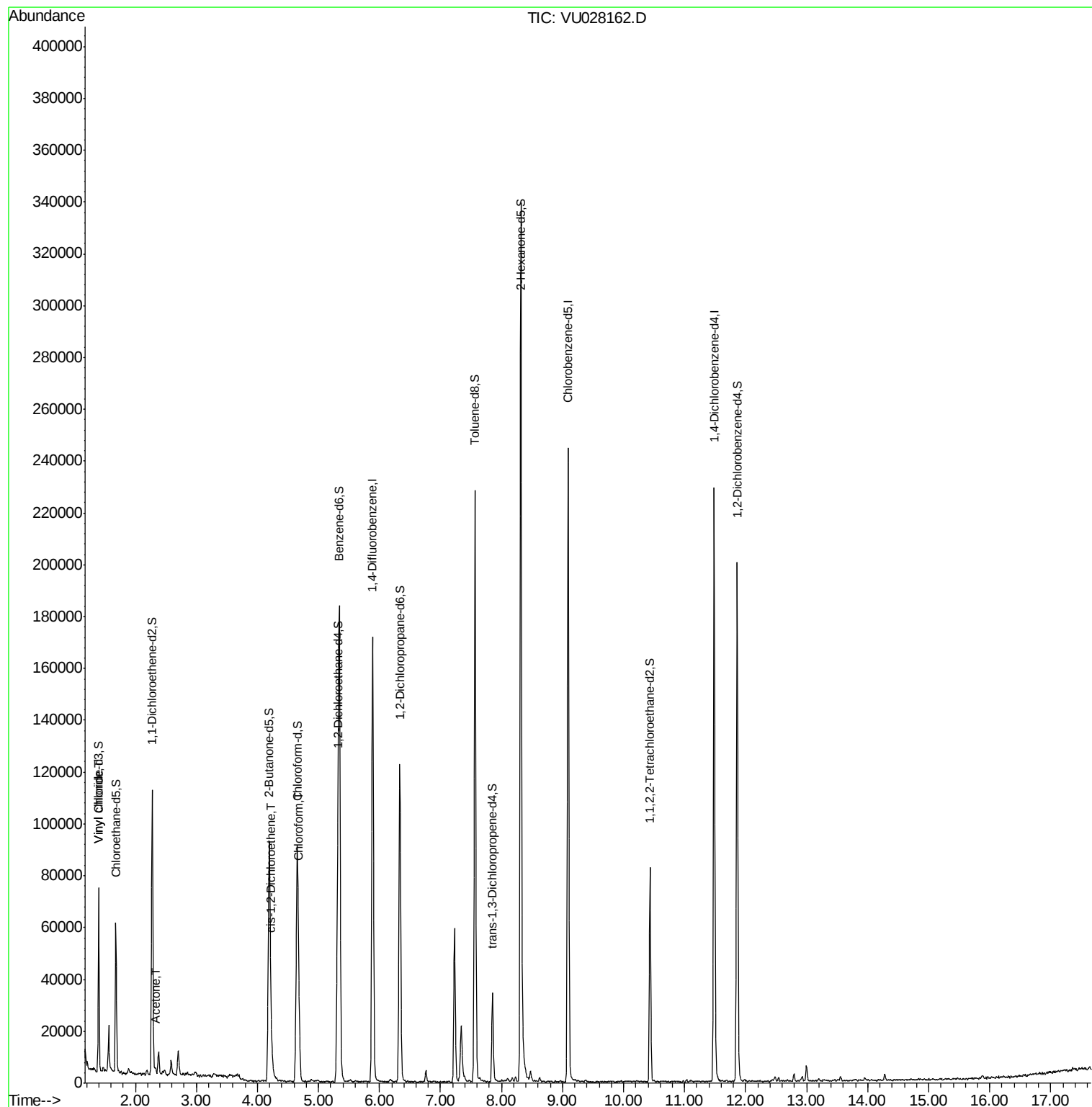
Target Compounds						Qvalue
5) Vinyl chloride	1.41	62	2149	0.15	ug/L	# 63
13) Acetone	2.32	43	1758	0.81	ug/L	85
22) cis-1,2-Dichloroethene	4.23	96	1929	0.18	ug/L	80
25) Chloroform	4.68	83	26553	1.48	ug/L	99

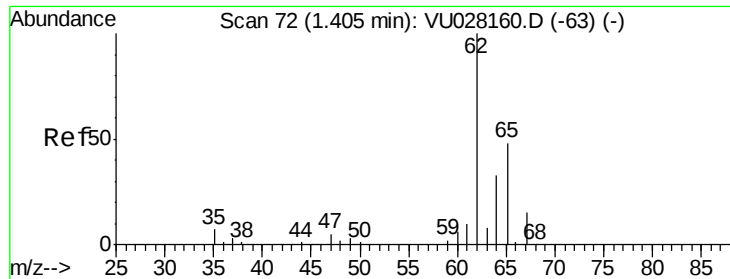
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.15 ug/L

RT: 1.41 min Scan# 72

Delta R.T. 0.00 min

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Instrument :

MSVOA_U

ClientSampleId :

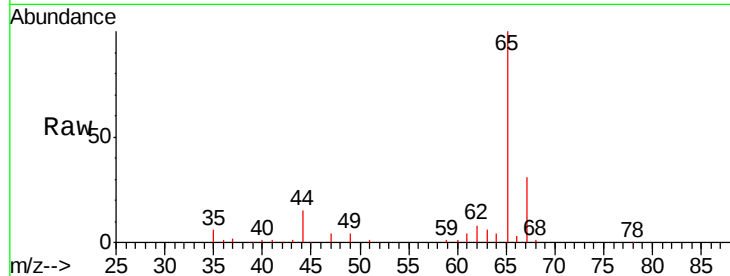
H0FN2DL

Tgt Ion: 62 Resp: 2149

Ion Ratio Lower Upper

62 100

64 53.3 22.7 42.3#



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

2500

2000

1500

1000

500

0

Time-->

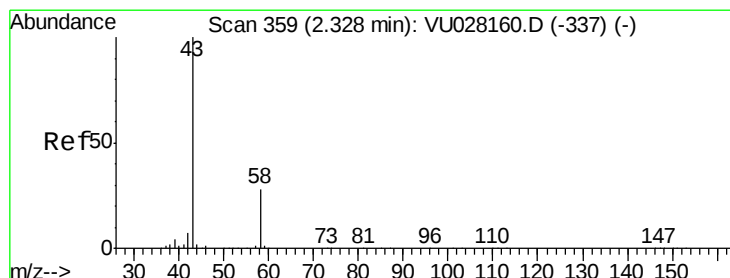
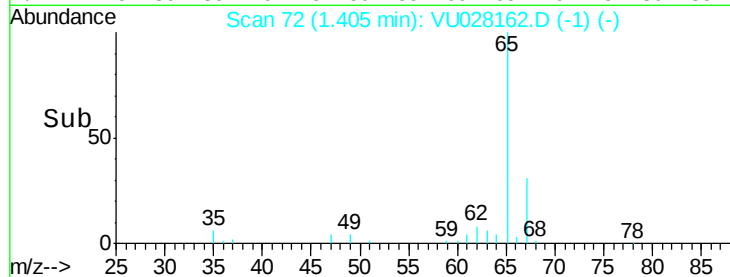
1.38 1.40 1.42 1.44

1.41

1.40

1.42

1.44



#13

Acetone

Concen: 0.81 ug/L

RT: 2.32 min Scan# 357

Delta R.T. -0.01 min

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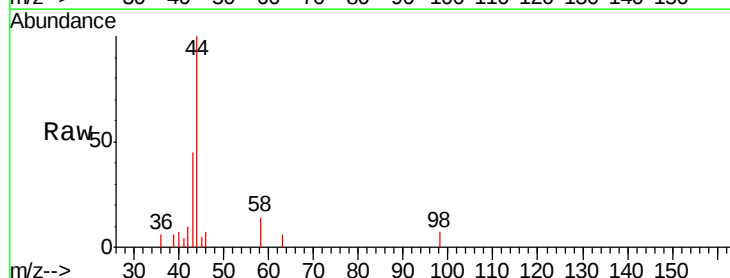
Acq: 15 Nov 2018 10:31

Tgt Ion: 43 Resp: 1758

Ion Ratio Lower Upper

43 100

58 22.6 0.0 61.6



Abundance Ion 43.05 (42.75 to 43.75): VU0

Ion 58.05 (57.75 to 58.75): VU0

1000

500

0

Time-->

2.30 2.32 2.34 2.36 2.38 2.40

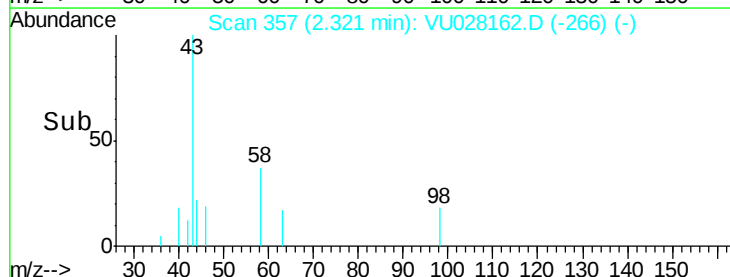
2.32

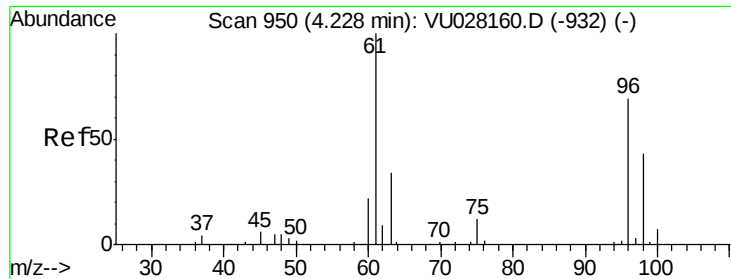
2.34

2.36

2.38

2.40

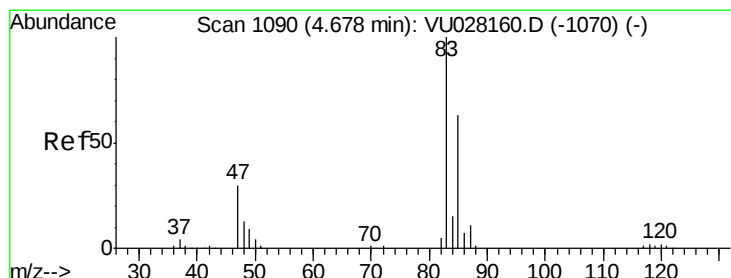
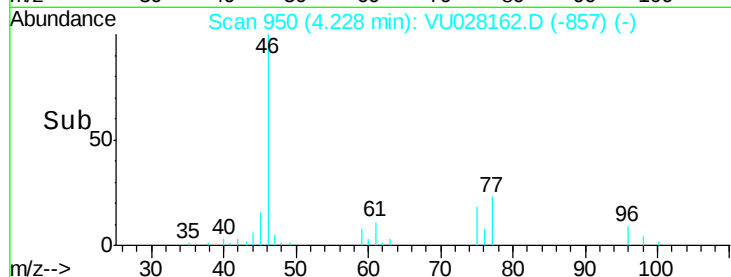
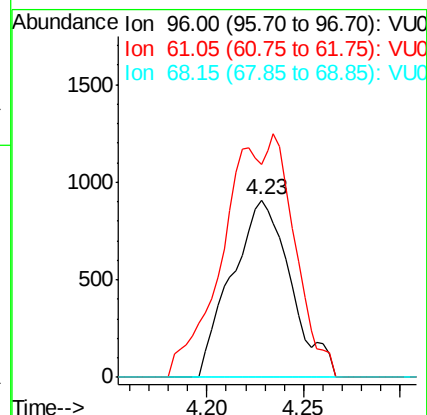
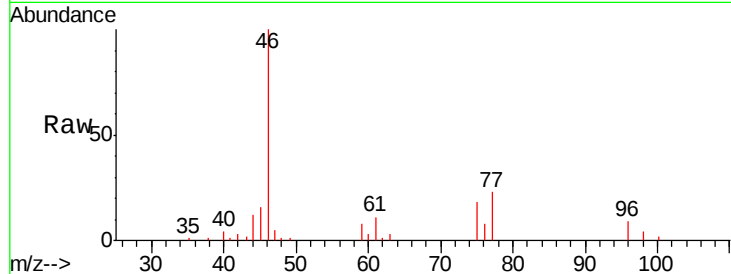




#22
 cis-1,2-Dichloroethene
 Concen: 0.18 ug/L
 RT: 4.23 min Scan# 950
 Delta R.T. 0.00 min
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Instrument :
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Tgt Ion: 96 Resp: 1929
 Ion Ratio Lower Upper
 96 100
 61 120.4 101.8 189.0
 68 0.0 0.0 0.0



#25
 Chloroform
 Concen: 1.48 ug/L
 RT: 4.68 min Scan# 1090
 Delta R.T. 0.00 min
 Lab File: VU028162.D
 Acq: 15 Nov 2018 10:31

Tgt Ion: 83 Resp: 26553
 Ion Ratio Lower Upper
 83 100
 85 65.3 45.0 83.6

