

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028167.D
 Acq On : 15 Nov 2018 12:32
 Operator : MD/SY
 Sample : J5943-04DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FH3DL

Quant Time: Nov 16 12:40:30 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	135589	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	127115	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	56361	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44368	3.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.80%
7) Chloroethane-d5	1.68	69	37711	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.28	63	63738	3.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	4.19	46	160691	49.24	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.48%
24) Chloroform-d	4.65	84	81355	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
26) 1,2-Dichloroethane-d4	5.31	65	47175	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.34	84	166176	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.33	67	60837	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.20%
41) Toluene-d8	7.57	98	141299	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
43) trans-1,3-Dichloropropene-	7.85	79	18260	3.92	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.40%
46) 2-Hexanone-d5	8.31	63	122347	46.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.00%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42305	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	11.86	152	48135	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

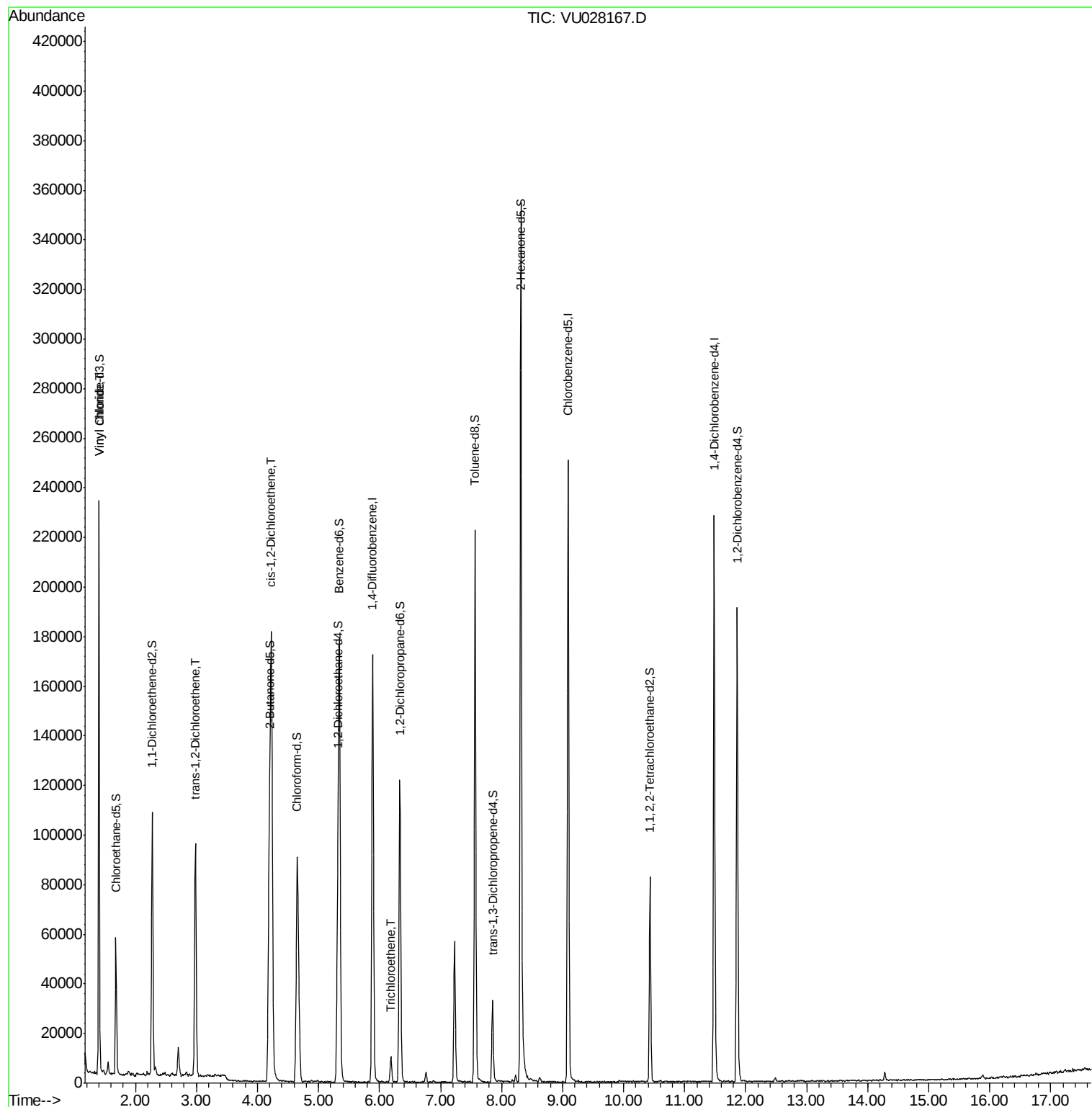
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	108999	7.51	ug/L	98
18) trans-1,2-Dichloroethene	2.98	96	33006	3.44	ug/L	96
22) cis-1,2-Dichloroethene	4.23	96	83836	7.93	ug/L	97
34) Trichloroethene	6.19	95	3397	0.32	ug/L	93

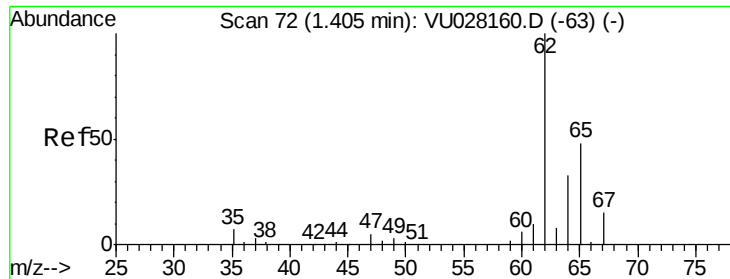
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 7.51 ug/L

RT: 1.40 min Scan# 72

Delta R.T. -0.00 min

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ClientSampleId :

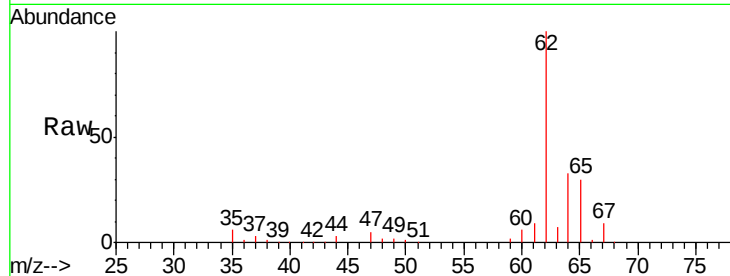
H0FH3DL

Tgt Ion: 62 Resp: 108999

Ion Ratio Lower Upper

62 100

64 33.4 22.7 42.3



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.10 (63.80 to 64.80): VU0

120000

100000

80000

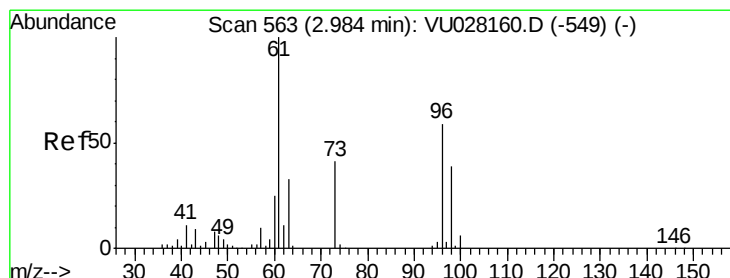
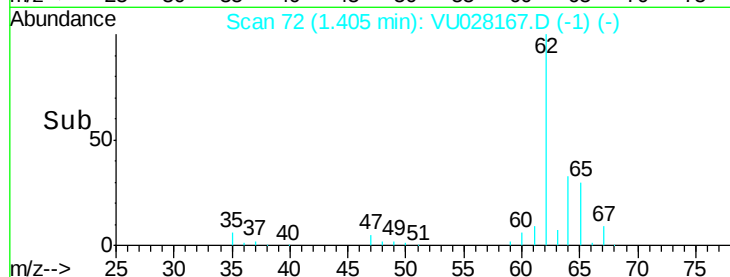
60000

40000

20000

0

Time-->



#18

trans-1,2-Dichloroethene

Concen: 3.44 ug/L

RT: 2.98 min Scan# 563

Delta R.T. -0.00 min

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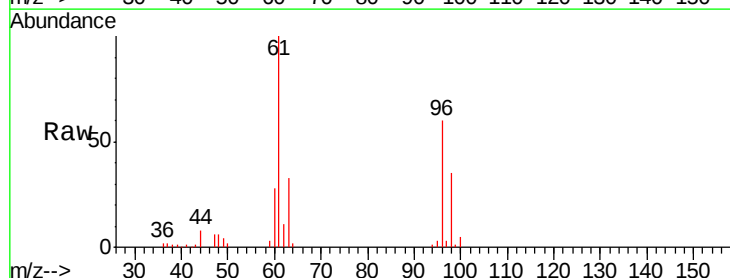
Tgt Ion: 96 Resp: 33006

Ion Ratio Lower Upper

96 100

61 165.9 118.5 220.1

98 58.3 44.9 83.5



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 97.95 (97.65 to 98.65): VU0

40000

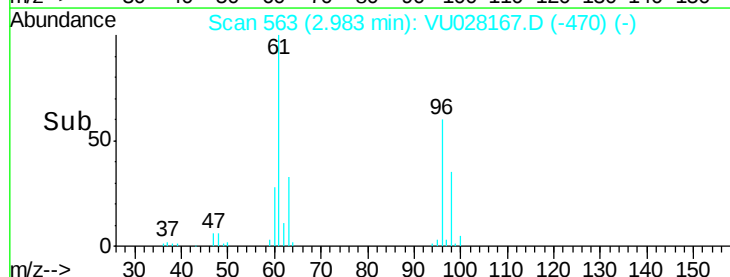
30000

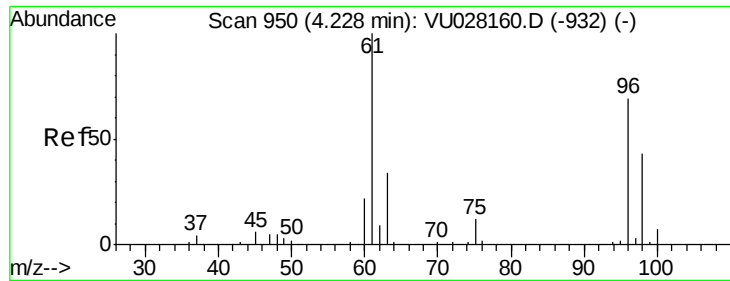
20000

10000

0

Time-->





#22

cis-1,2-Dichloroethene

Concen: 7.93 ug/L

RT: 4.23 min Scan# 950

Delta R.T. -0.00 min

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ClientSampleId :

H0FH3DL

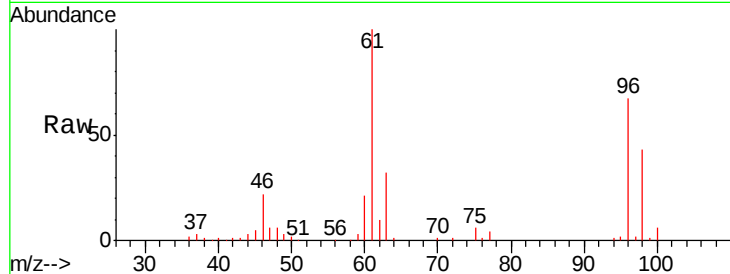
Tgt Ion: 96 Resp: 83836

Ion Ratio Lower Upper

96 100

61 149.6 101.8 189.0

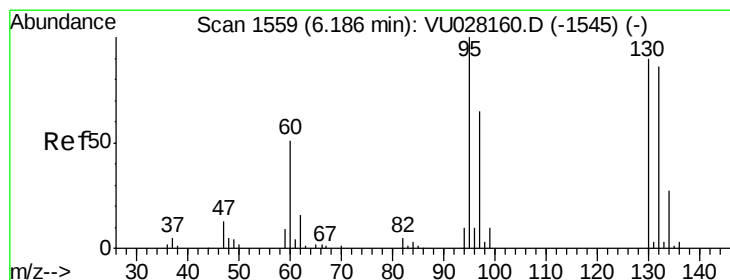
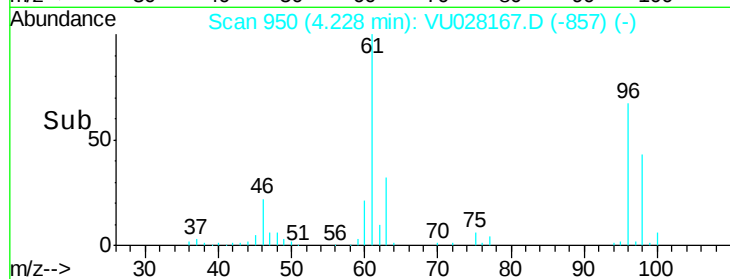
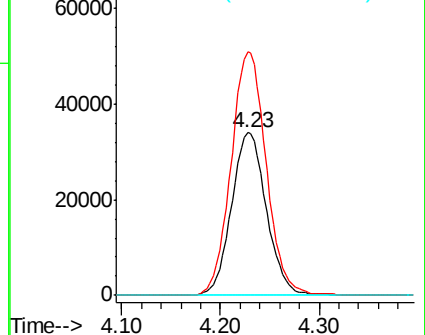
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.05 (60.75 to 61.75): VU0

Ion 68.15 (67.85 to 68.85): VU0



#34

Trichloroethene

Concen: 0.32 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028167.D

Acq: 15 Nov 2018 12:32

Tgt Ion: 95 Resp: 3397

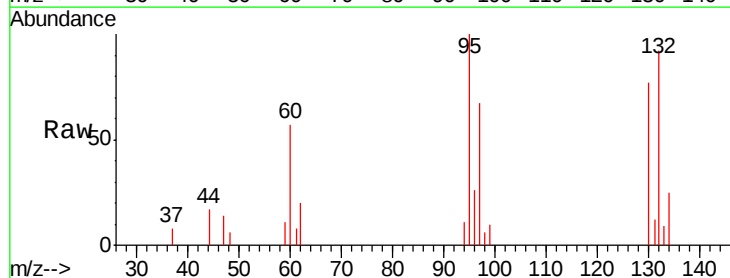
Ion Ratio Lower Upper

95 100

97 67.1 45.3 84.1

132 91.5 63.0 117.0

130 76.7 63.6 118.2



Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V

