

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111518\
 Data File : VU028163.D
 Acq On : 15 Nov 2018 10:54
 Operator : MD/SY
 Sample : J5943-15DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0FN1DL

Quant Time: Nov 16 12:37:01 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	133628	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	125868	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	54770	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	45170	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.68	69	39178	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.28	63	67021	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.19	46	159252	49.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.65	84	81265	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	5.31	65	47293	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.34	84	169358	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.33	67	62576	4.84	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.80%
41) Toluene-d8	7.57	98	146822	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.85	79	18718	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.31	63	120721	45.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.68%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	42840	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	49469	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

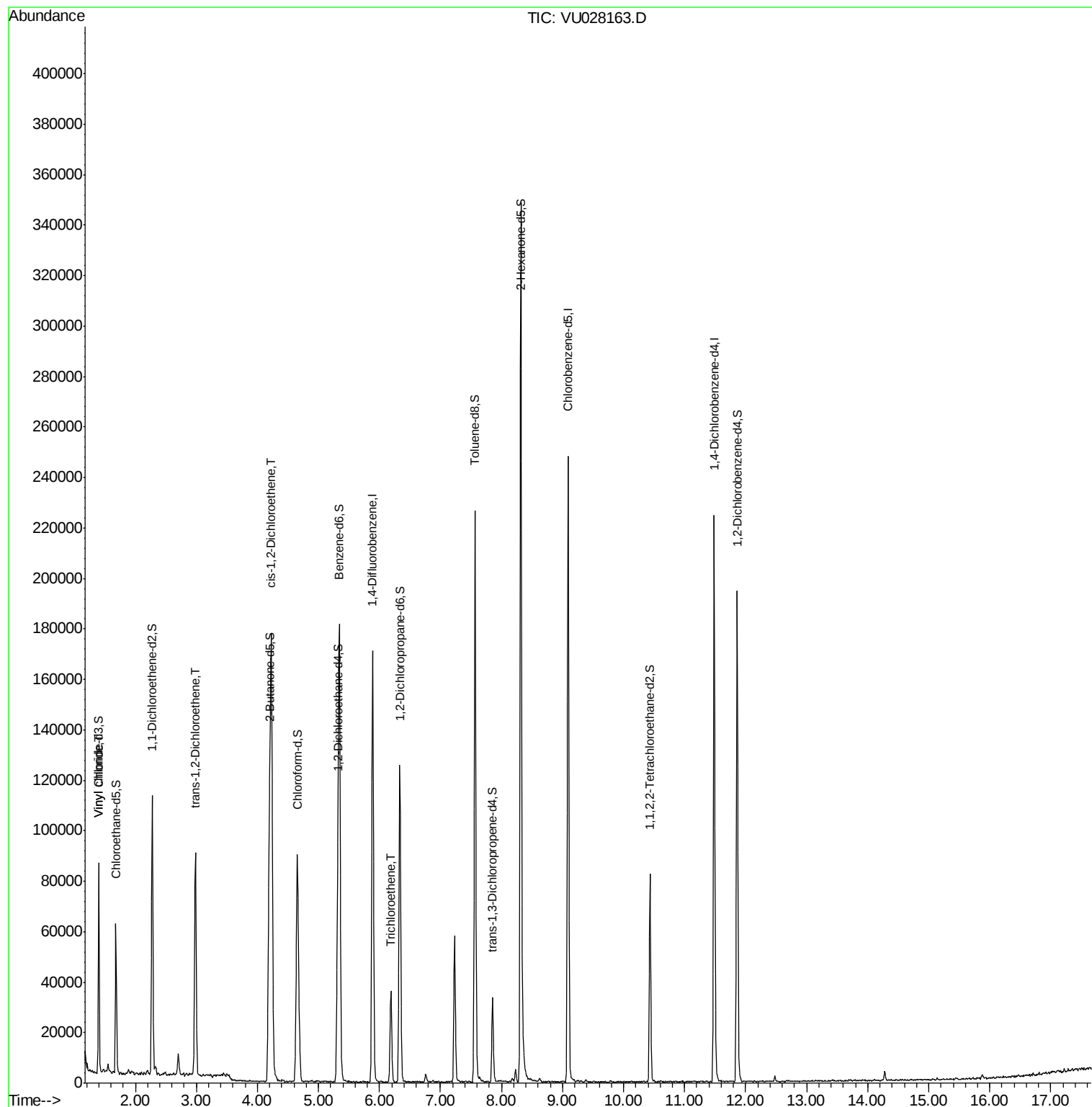
						Qvalue
5) Vinyl chloride	1.40	62	11489	0.80	ug/L	94
18) trans-1,2-Dichloroethene	2.98	96	30641	3.24	ug/L	98
22) cis-1,2-Dichloroethene	4.23	96	78957	7.58	ug/L	97
34) Trichloroethene	6.19	95	12381	1.18	ug/L	97

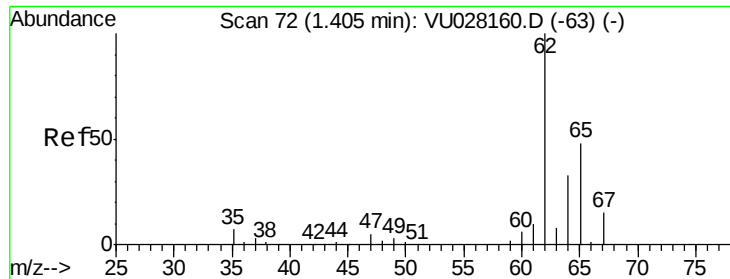
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.80 ug/L

RT: 1.40 min Scan# 72

Delta R.T. 0.00 min

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Acq: 15 Nov 2018 10:54

Instrument :

MSVOA_U

ClientSampled :

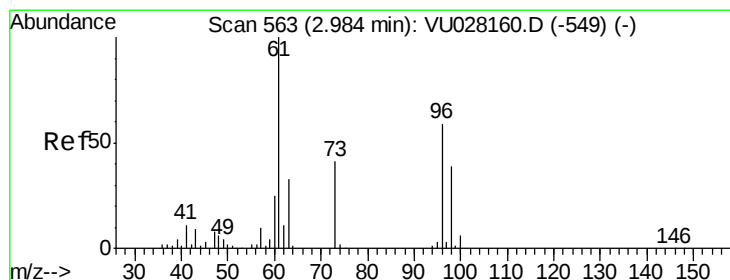
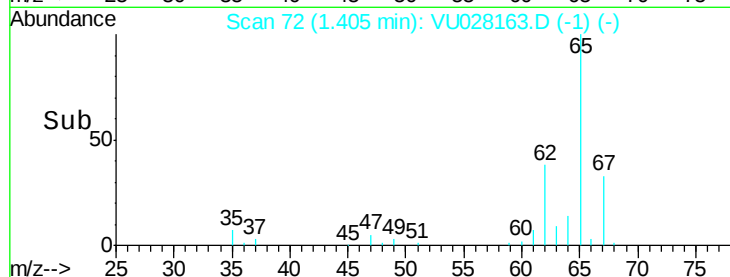
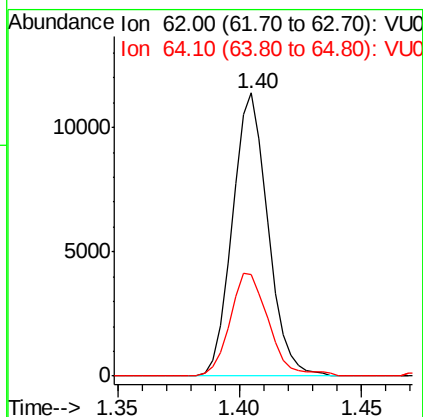
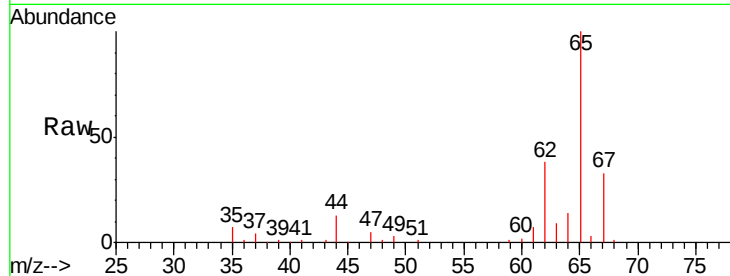
H0FN1DL

Tgt Ion: 62 Resp: 11489

Ion Ratio Lower Upper

62 100

64 36.0 22.7 42.3



#18

trans-1,2-Dichloroethene

Concen: 3.24 ug/L

RT: 2.98 min Scan# 563

Delta R.T. 0.00 min

Lab File: VU028163.D

Acq: 15 Nov 2018 10:54

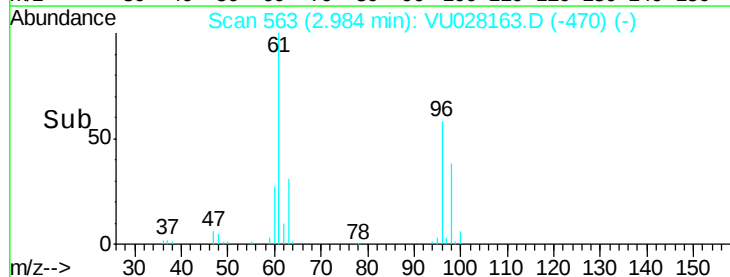
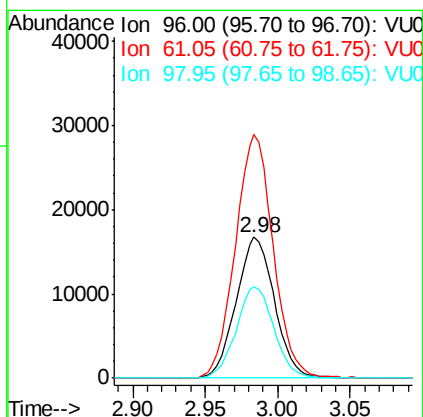
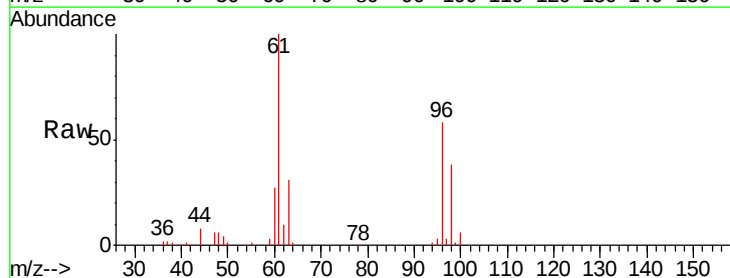
Tgt Ion: 96 Resp: 30641

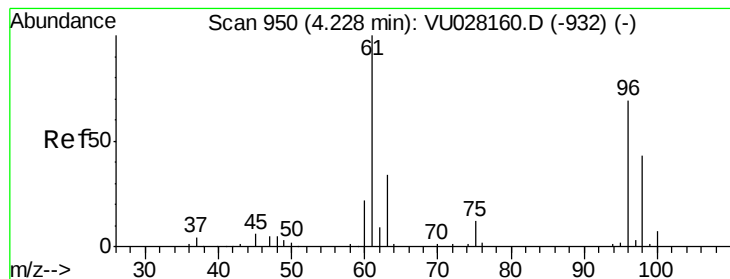
Ion Ratio Lower Upper

96 100

61 172.6 118.5 220.1

98 64.9 44.9 83.5





#22

cis-1,2-Dichloroethene

Concen: 7.58 ug/L

RT: 4.23 min Scan# 950

Delta R.T. 0.00 min

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Acq: 15 Nov 2018 10:54

Instrument :

MSVOA_U

ClientSampleId :

H0FN1DL

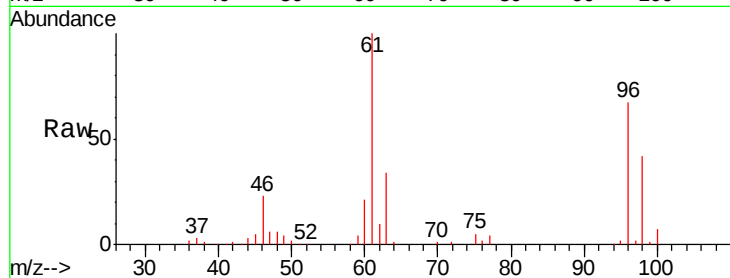
Tgt Ion: 96 Resp: 78957

Ion Ratio Lower Upper

96 100

61 149.1 101.8 189.0

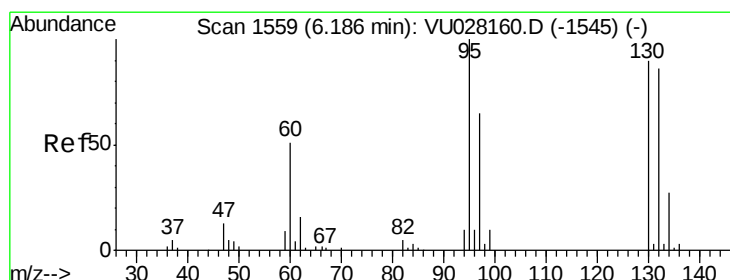
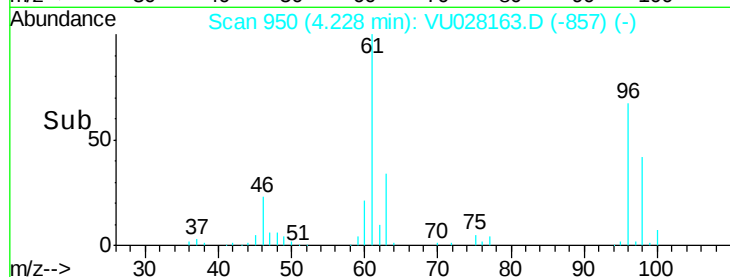
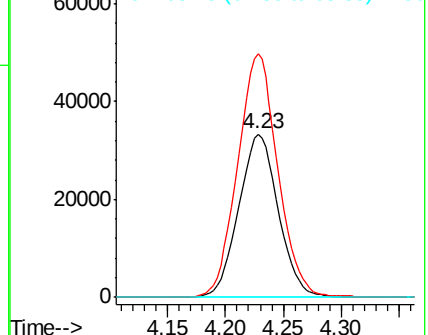
68 0.0 0.0 0.0



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: 1.18 ug/L

RT: 6.19 min Scan# 1560

Delta R.T. 0.00 min

Lab File: VU028163.D

Acq: 15 Nov 2018 10:54

Tgt Ion: 95 Resp: 12381

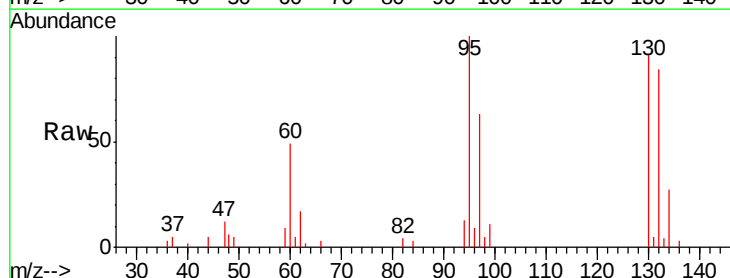
Ion Ratio Lower Upper

95 100

97 63.5 45.3 84.1

132 84.0 63.0 117.0

130 90.7 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

