

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080918\
 Data File : VR025612.D
 Acq On : 9 Aug 2018 18:19
 Operator : SY/MD
 Sample : J4358-18DL 10X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWY2DL

Quant Time: Aug 10 06:56:38 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 04:27:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	553128	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	482138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	165798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	151345	4.41	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.20%
7) Chloroethane-d5	2.61	69	111509	4.13	ug/L	-0.03
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.60%
11) 1,1-Dichloroethene-d2	3.62	63	280309	3.54	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	6.60	46	185709	65.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.12%#
24) Chloroform-d	7.21	84	269508	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	7.90	65	99227	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.60%
32) Benzene-d6	7.86	84	602259	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	8.90	67	163511	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	9.97	98	543324	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	10.24	79	34844	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	10.59	63	166876	60.14	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.28%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74624	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	147889	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

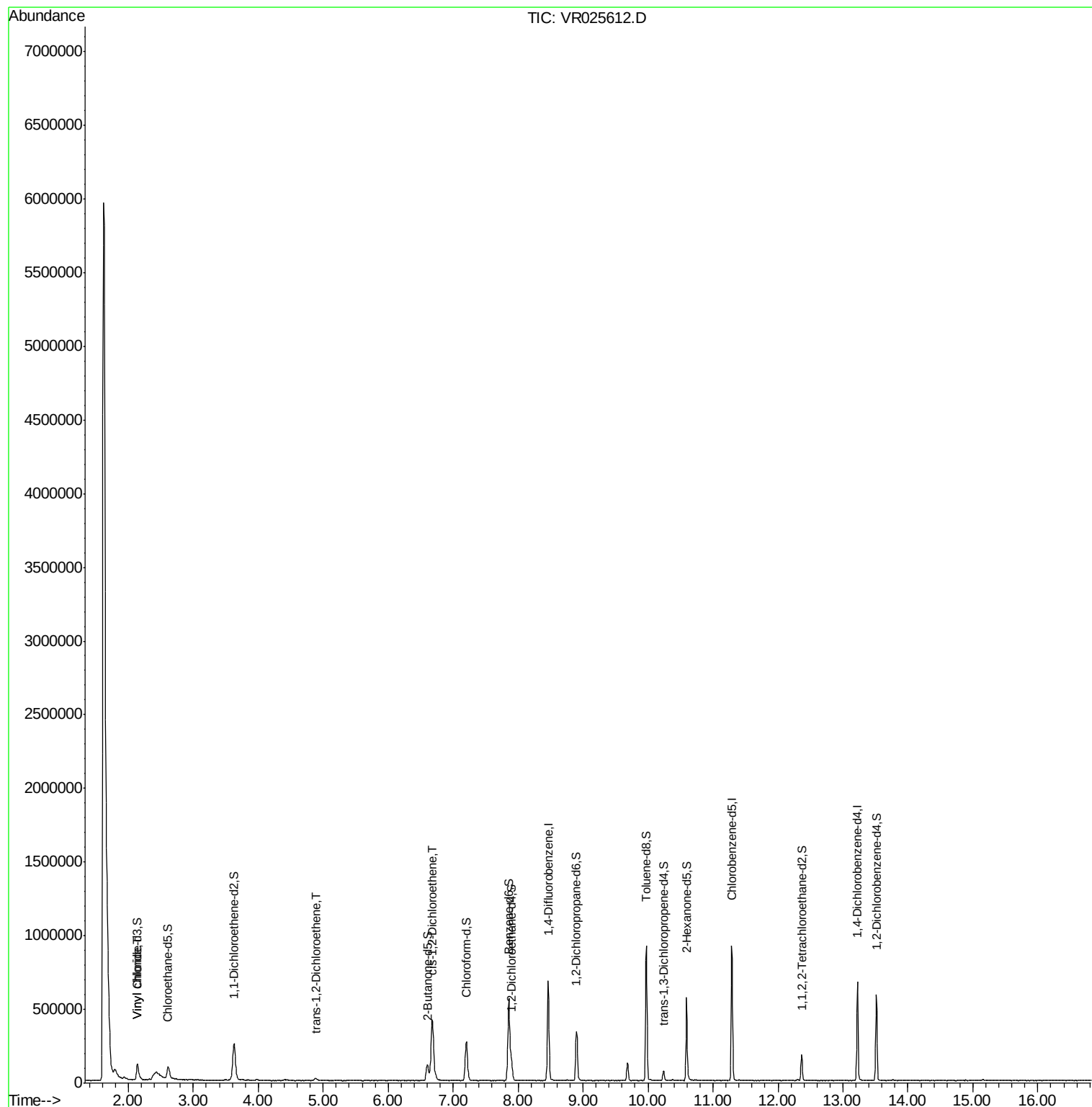
Target Compounds						Ovalue
5) Vinyl chloride	2.14	62	13529	0.32	ug/L	85
18) trans-1,2-Dichloroethene	4.89	96	11192	0.30	ug/L	80
22) cis-1,2-Dichloroethene	6.68	96	275002	7.96	ug/L	97

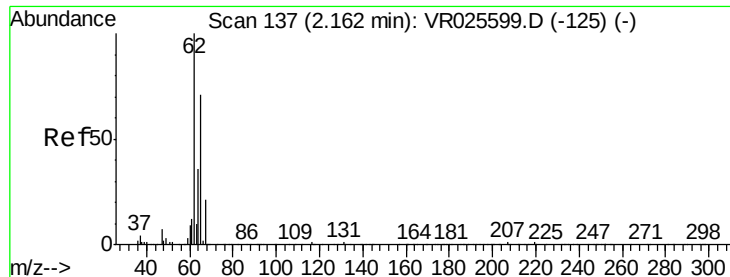
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.32 ug/L

RT: 2.14 min Scan# 134

Delta R.T. -0.02 min

Lab File: VR025612.D

Acq: 9 Aug 2018 18:19

Instrument :

MSVOA_R

ClientSampleId :

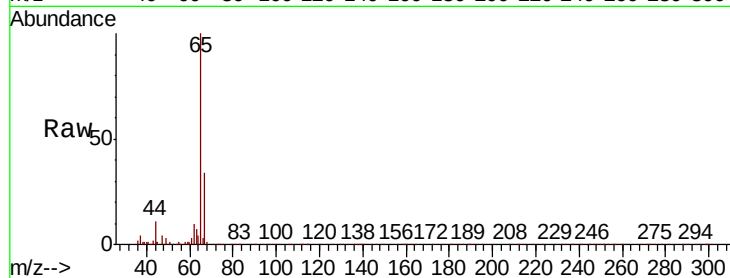
ESWY2DL

Tot Ion: 62 Resp: 13529

Ion Ratio Lower Upper

62 100

64 43.0 24.1 44.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0

2.14

6000

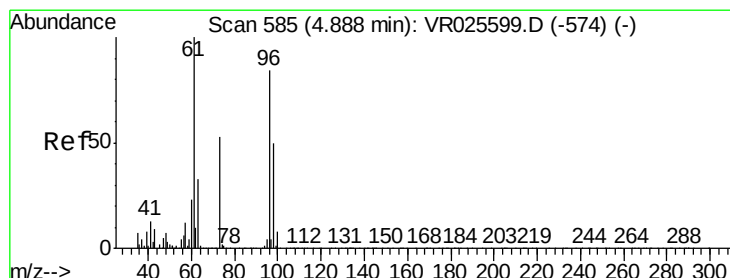
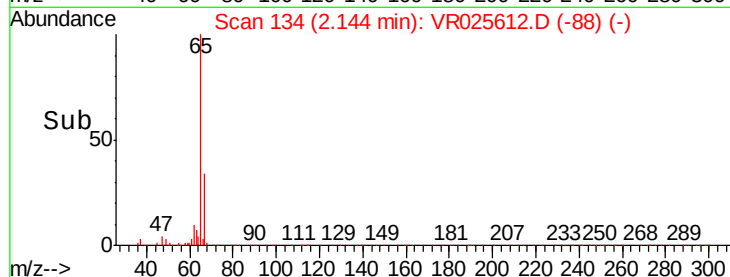
4000

2000

0

Time-->

2.05 2.10 2.15 2.20 2.25



#18

trans-1,2-Dichloroethene

Concen: 0.30 ug/L

RT: 4.89 min Scan# 585

Delta R.T. 0.00 min

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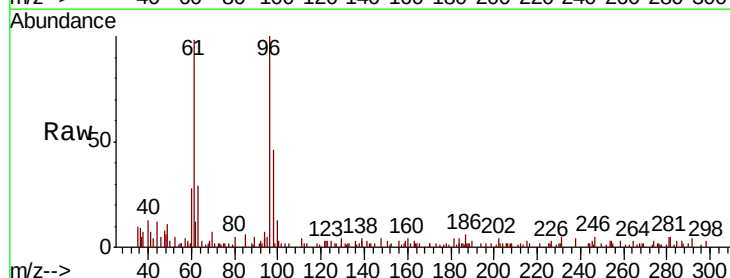
Tgt Ion: 96 Resp: 11192

Ion Ratio Lower Upper

96 100

61 98.0 85.5 158.9

98 46.3 42.1 78.1



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0

6000

5000

4000

3000

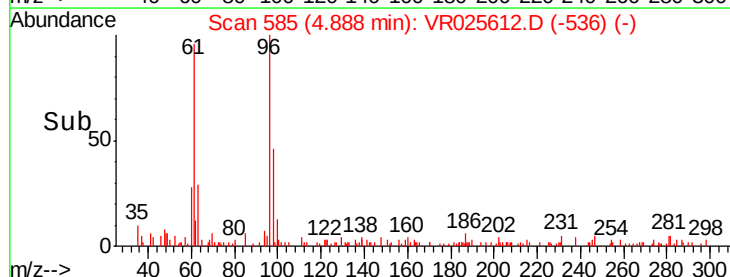
2000

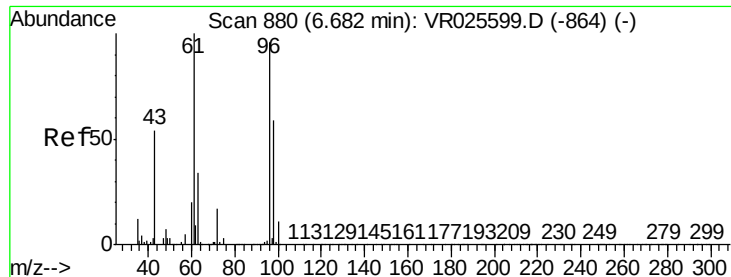
1000

0

Time-->

4.75 4.80 4.85 4.90 4.95





#22

cis-1,2-Dichloroethene
 Concen: 7.96 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. 0.00 min
 Lab File: VR025612.D
 Acq: 9 Aug 2018 18:19

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWY2DL

Tot Ion	Ratio	Lower	Upper
96	100		
61	107.9	77.7	144.3
68	0.0	0.0	0.0

