

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080918\
 Data File : VR025604.D
 Acq On : 9 Aug 2018 13:30
 Operator : SY/MD
 Sample : J4358-07DL 10X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW7DL

Quant Time: Aug 10 07:20:47 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	707237	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	596198	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	212624	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	147588	3.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.40%
7) Chloroethane-d5	2.64	69	113343	3.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.60%
11) 1,1-Dichloroethene-d2	3.63	63	255558	2.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.40%#
20) 2-Butanone-d5	6.60	46	143658	39.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.32%
24) Chloroform-d	7.21	84	243159	3.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.80%#
26) 1,2-Dichloroethane-d4	7.90	65	89558	3.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.40%
32) Benzene-d6	7.86	84	532928	3.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	66.60%#
36) 1,2-Dichloropropane-d6	8.90	67	144989	3.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	69.00%
41) Toluene-d8	9.97	98	482315	3.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	61.20%#
43) trans-1,3-Dichloropropene-	10.24	79	31226	2.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.20%
46) 2-Hexanone-d5	10.59	63	133784	38.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	77.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65084	3.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	131281	4.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	80.80%

Target Compounds

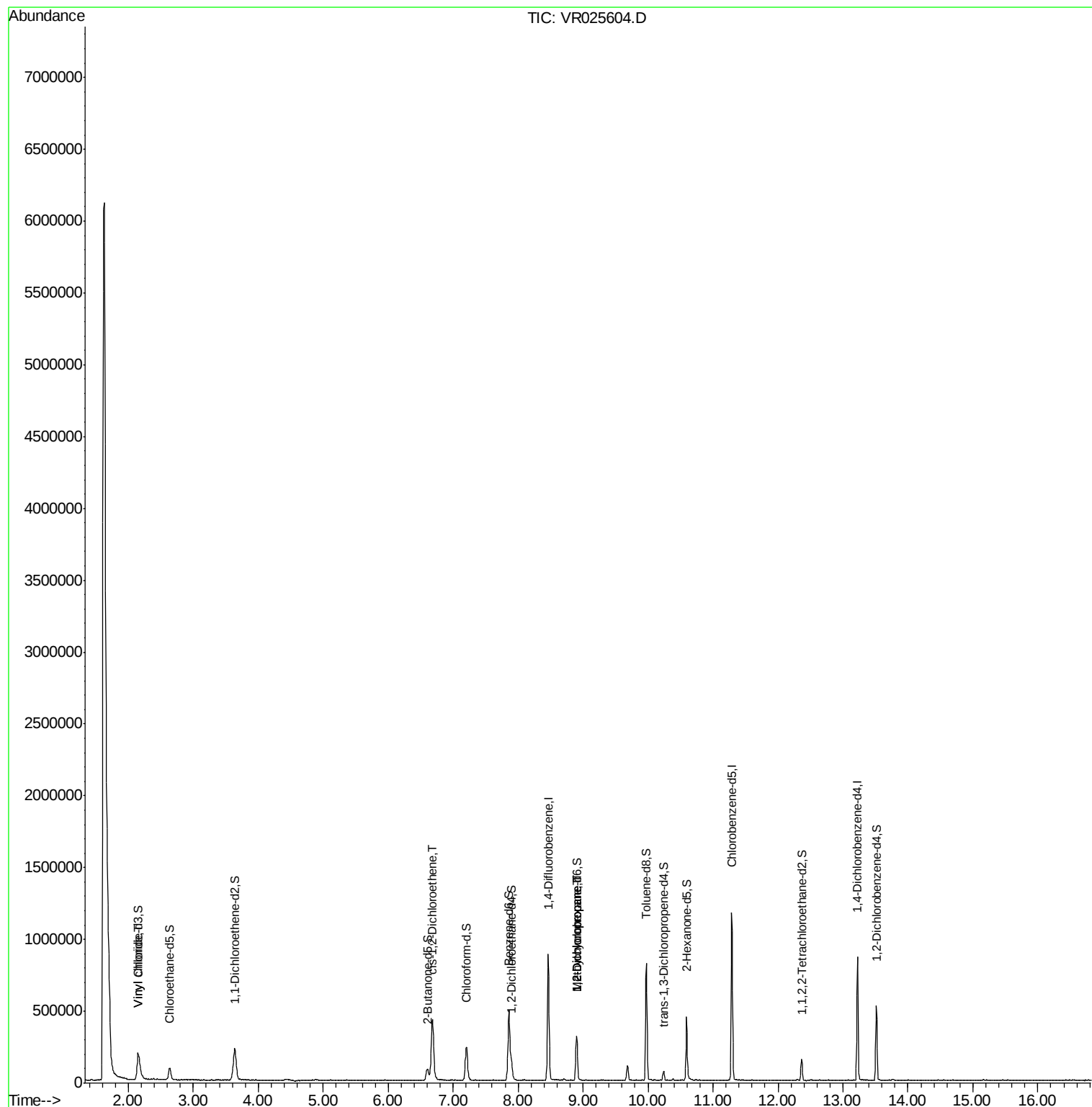
					Qvalue
5) Vinyl chloride	2.16	62	225294	4.216 ug/L	99
22) cis-1,2-Dichloroethene	6.68	96	276330	6.253 ug/L #	97
35) Methylcyclohexane	8.90	83	34507	0.501 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	13922	0.359 ug/L #	94

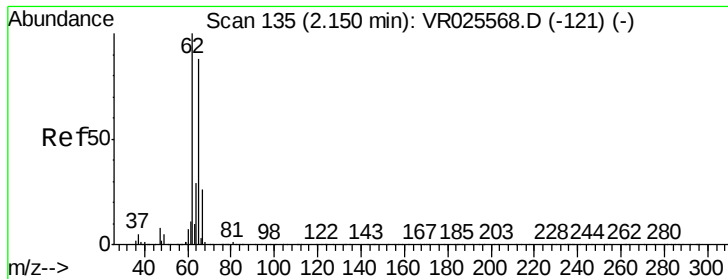
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 4.216 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

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ClientSampleId :

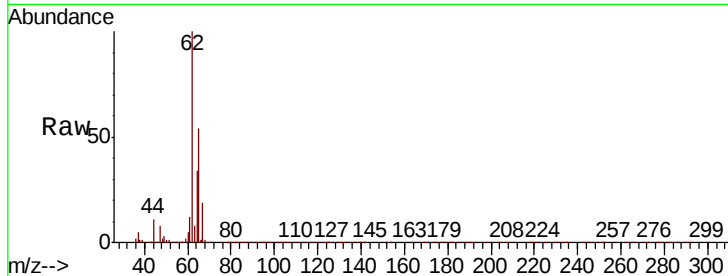
ESWW7DL

Tgt Ion: 62 Resp: 225294

Ion Ratio Lower Upper

62 100

64 34.2 24.1 44.8



Abundance Ion 62.00 (61.70 to 62.70): VR0

Ion 64.10 (63.80 to 64.80): VR0

2.16

80000

60000

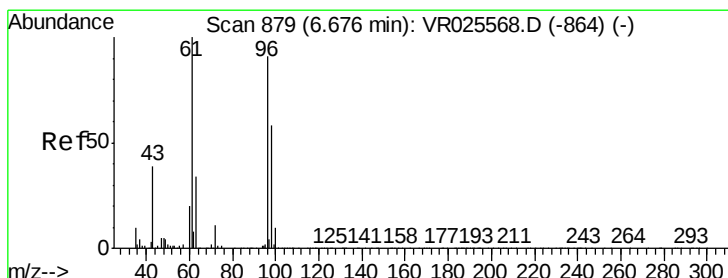
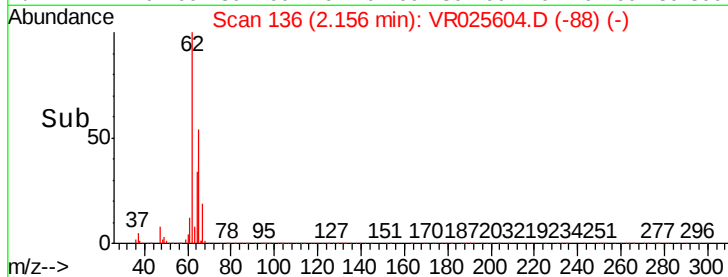
40000

20000

0

Time-->

2.00 2.10 2.20 2.30 2.40



#22

cis-1,2-Dichloroethene

Concen: 6.253 ug/L

RT: 6.68 min Scan# 880

Delta R.T. 0.01 min

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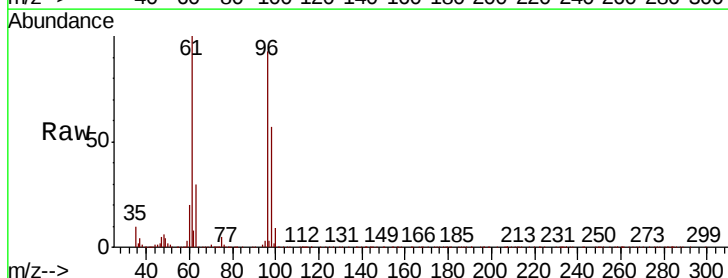
Tgt Ion: 96 Resp: 276330

Ion Ratio Lower Upper

96 100

61 107.5 77.7 144.3

68 0.3 0.0 0.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

150000

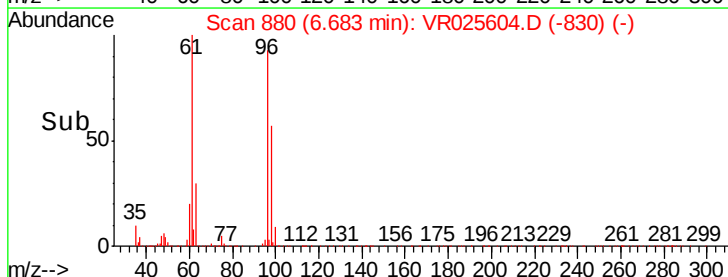
100000

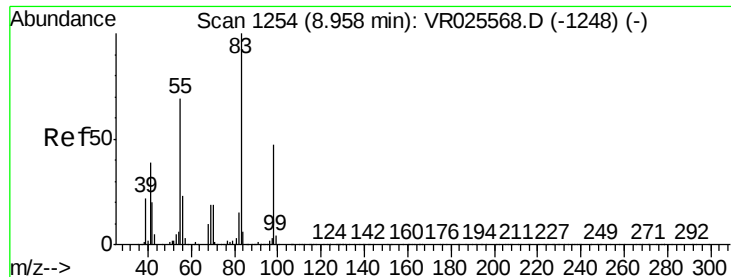
50000

0

Time-->

6.60 6.70 6.80





#35

Methylcyclohexane

Concen: 0.501 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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ESWW7DL

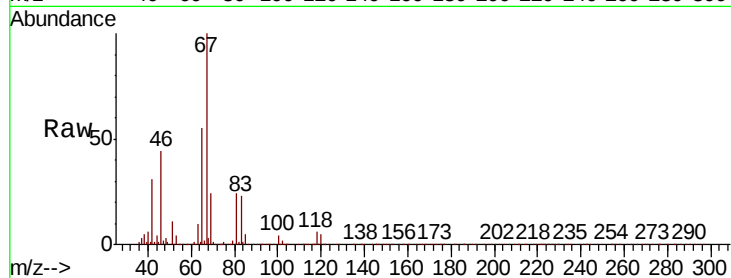
Tgt Ion: 83 Resp: 34507

Ion Ratio Lower Upper

83 100

55 2.1 58.3 87.5#

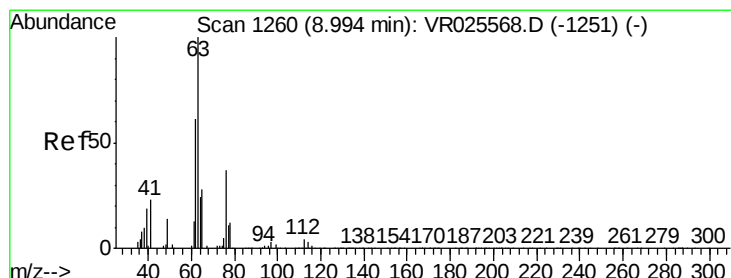
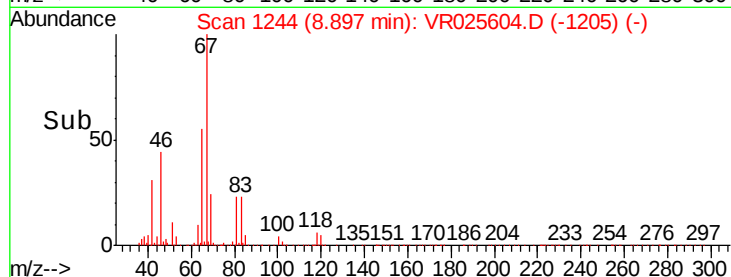
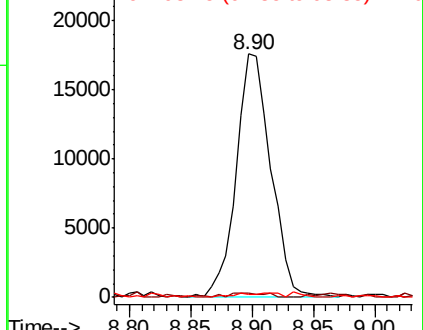
98 2.3 37.8 56.6#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.359 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

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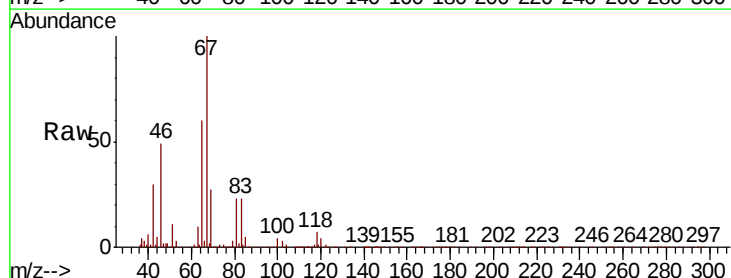
Acq: 9 Aug 2018 13:30

Tgt Ion: 63 Resp: 13922

Ion Ratio Lower Upper

63 100

112 2.1 3.3 4.9#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

