

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR080718\
 Data File : VR025572.D
 Acq On : 7 Aug 2018 12:46
 Operator : SY/MD
 Sample : J4358-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWW6

Quant Time: Aug 22 15:18:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 23:37:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	527908	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438487	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	147379	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	125215	3.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.40%
7) Chloroethane-d5	2.63	69	104594	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	3.64	63	227614	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	6.60	46	182407	67.47	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	134.94%#
24) Chloroform-d	7.21	84	263080	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	7.90	65	96558	5.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.60%
32) Benzene-d6	7.86	84	571514	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	8.90	67	156131	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	9.97	98	485705	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	32596	4.13	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.60%
46) 2-Hexanone-d5	10.59	63	152033	60.25	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	77430	5.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	137383	6.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.00%#

Target Compounds

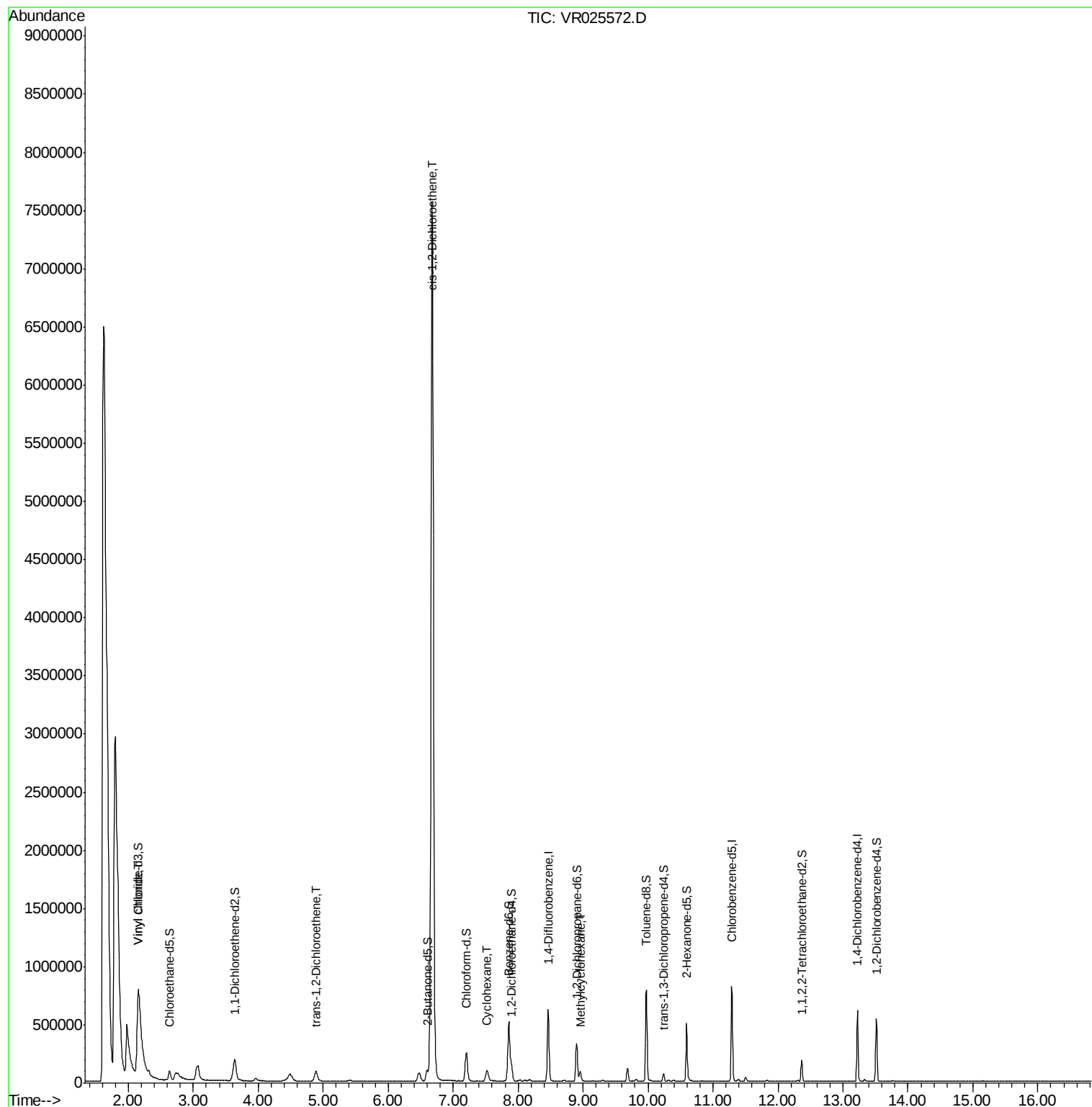
					Ovalue
5) Vinyl chloride	2.16	62	669479	16.78	ug/L 100
18) trans-1,2-Dichloroethene	4.89	96	55523	1.54	ug/L 91
22) cis-1,2-Dichloroethene	6.68	96	4739973	143.70	ug/L # 95
30) Cyclohexane	7.52	56	47849	1.07	ug/L 94
35) Methylcyclohexane	8.96	83	28513	0.56	ug/L 89

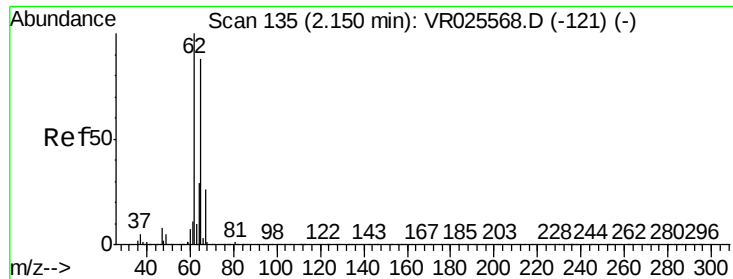
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 16.78 ug/L

RT: 2.16 min Scan# 136

Delta R.T. -0.01 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

Instrument :

MSVOA_R

ClientSampleId :

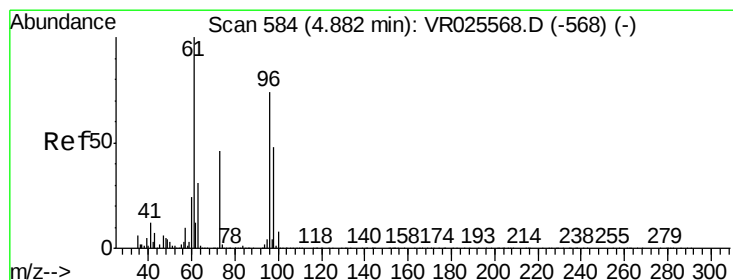
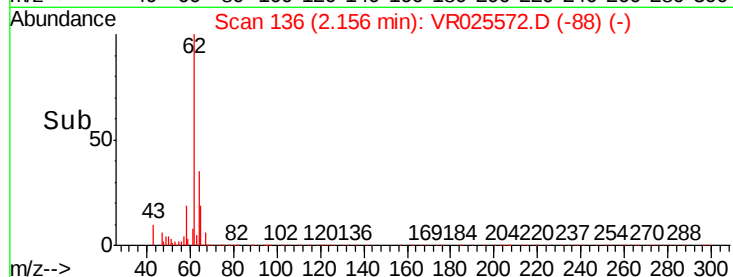
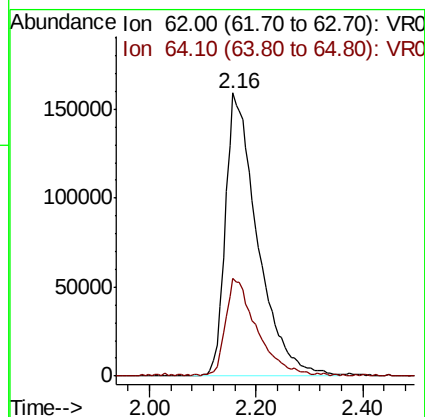
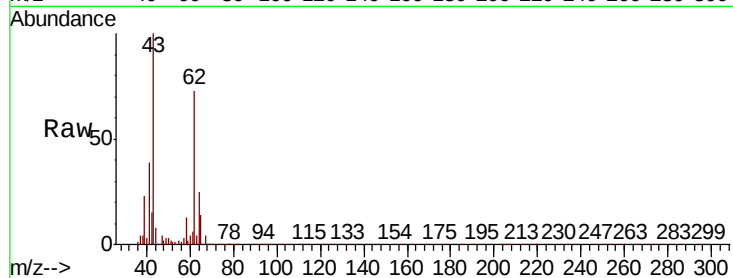
ESWW6

Tot Ion: 62 Resp: 669479

Ion Ratio Lower Upper

62 100

64 34.4 24.1 44.8



#18

trans-1,2-Dichloroethene

Concen: 1.54 ug/L

RT: 4.89 min Scan# 586

Delta R.T. 0.01 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

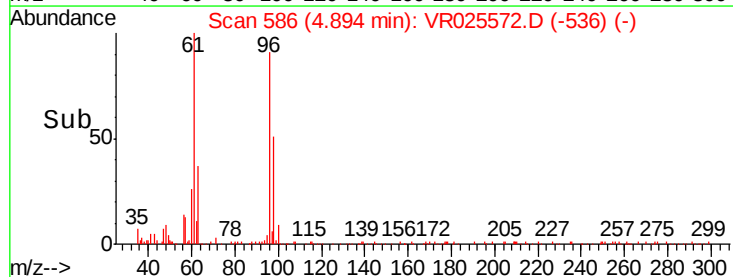
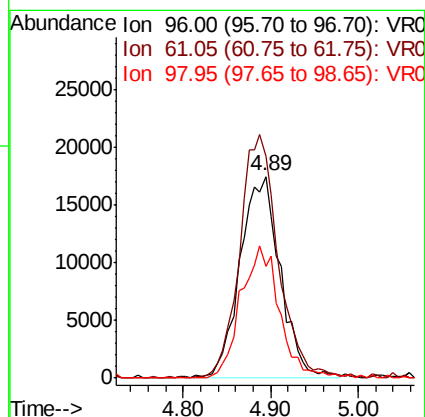
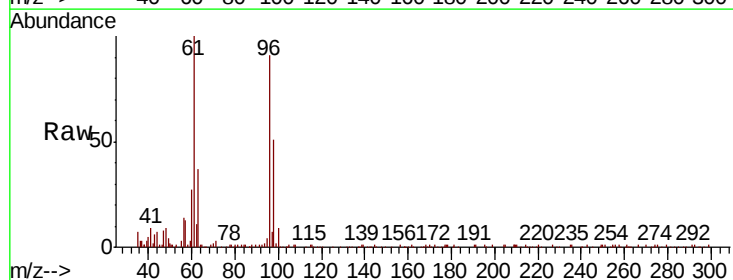
Tgt Ion: 96 Resp: 55523

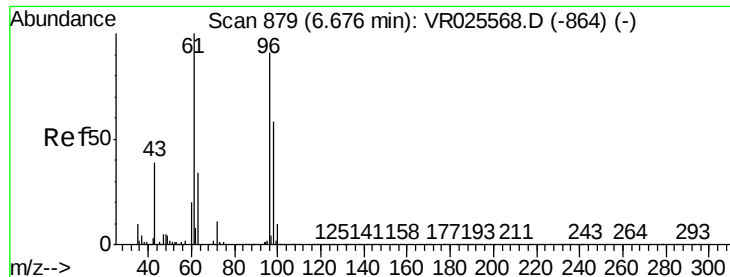
Ion Ratio Lower Upper

96 100

61 109.9 85.5 158.9

98 55.8 42.1 78.1





#22

cis-1,2-Dichloroethene

Concen: 143.70 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

Instrument :

MSVOA_R

ClientSampleId :

ESWW6

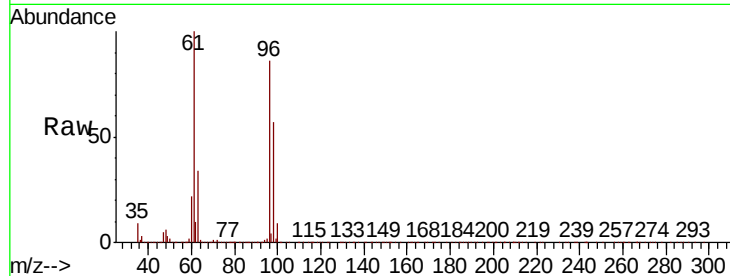
Tot Ion: 96 Resp: 4739973

Ion Ratio Lower Upper

96 100

61 116.6 77.7 144.3

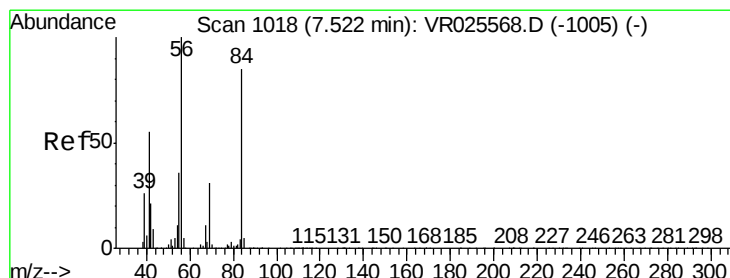
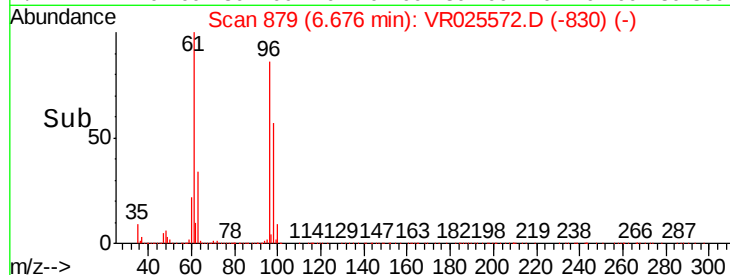
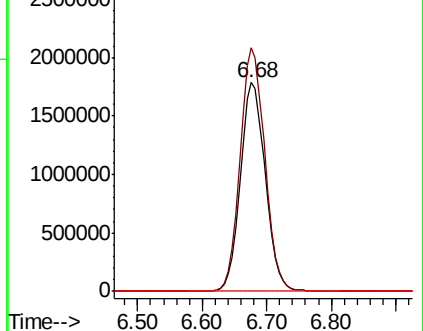
68 0.0 0.0 0.0#



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



#30

Cyclohexane

Concen: 1.07 ug/L

RT: 7.52 min Scan# 1018

Delta R.T. 0.00 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

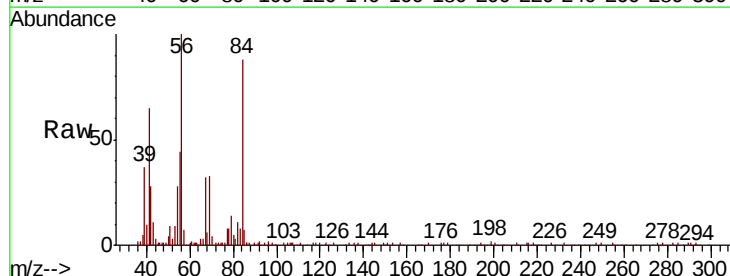
Tgt Ion: 56 Resp: 47849

Ion Ratio Lower Upper

56 100

69 32.1 24.6 36.8

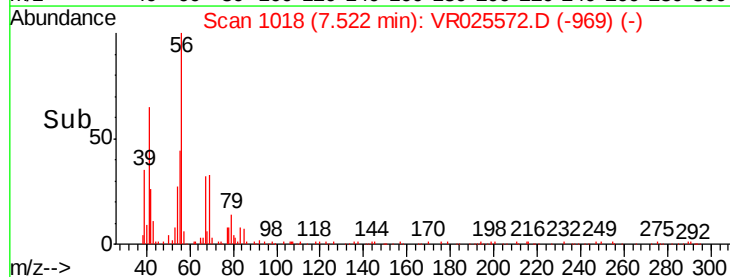
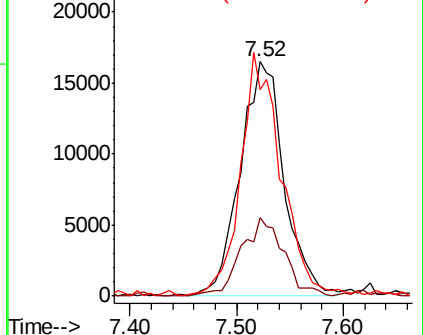
84 95.5 71.3 106.9

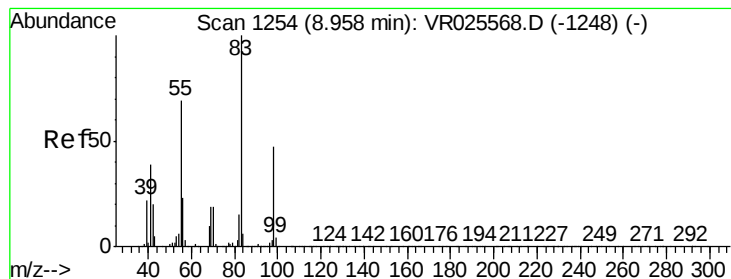


Abundance Ion 56.10 (55.80 to 56.80): VR0

Ion 69.15 (68.85 to 69.85): VR0

Ion 84.15 (83.85 to 84.85): VR0





#35

Methylcyclohexane

Concen: 0.56 ug/L

RT: 8.96 min Scan# 1254

Delta R.T. 0.00 min

Lab File: VR025572.D

Acq: 7 Aug 2018 12:46

Instrument :

MSVOA_R

ClientSampleId :

ESWW6

Tot Ion: 83 Resp: 28513

Ion Ratio Lower Upper

83 100

55 84.5 58.3 87.5

98 51.6 37.8 56.6

