

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR101218\
 Data File : VR026060.D
 Acq On : 12 Oct 2018 14:22
 Operator : SY/MD
 Sample : J5315-04DL 250X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J95DL

Quant Time: Oct 13 01:49:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Oct 13 00:51:09 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	453167	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	387586	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	129259	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	179857	5.03	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.60%
7) Chloroethane-d5	2.63	69	172404	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	118.00%
11) 1,1-Dichloroethene-d2	3.63	63	323093	3.85	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.00%
20) 2-Butanone-d5	6.59	46	247307	62.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.16%
24) Chloroform-d	7.20	84	328777	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
26) 1,2-Dichloroethane-d4	7.90	65	145605	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	7.85	84	608049	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.90	67	181025	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	9.97	98	532707	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.24	79	37558	4.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.20%
46) 2-Hexanone-d5	10.59	63	191624	63.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.36%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	74722	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	114313	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

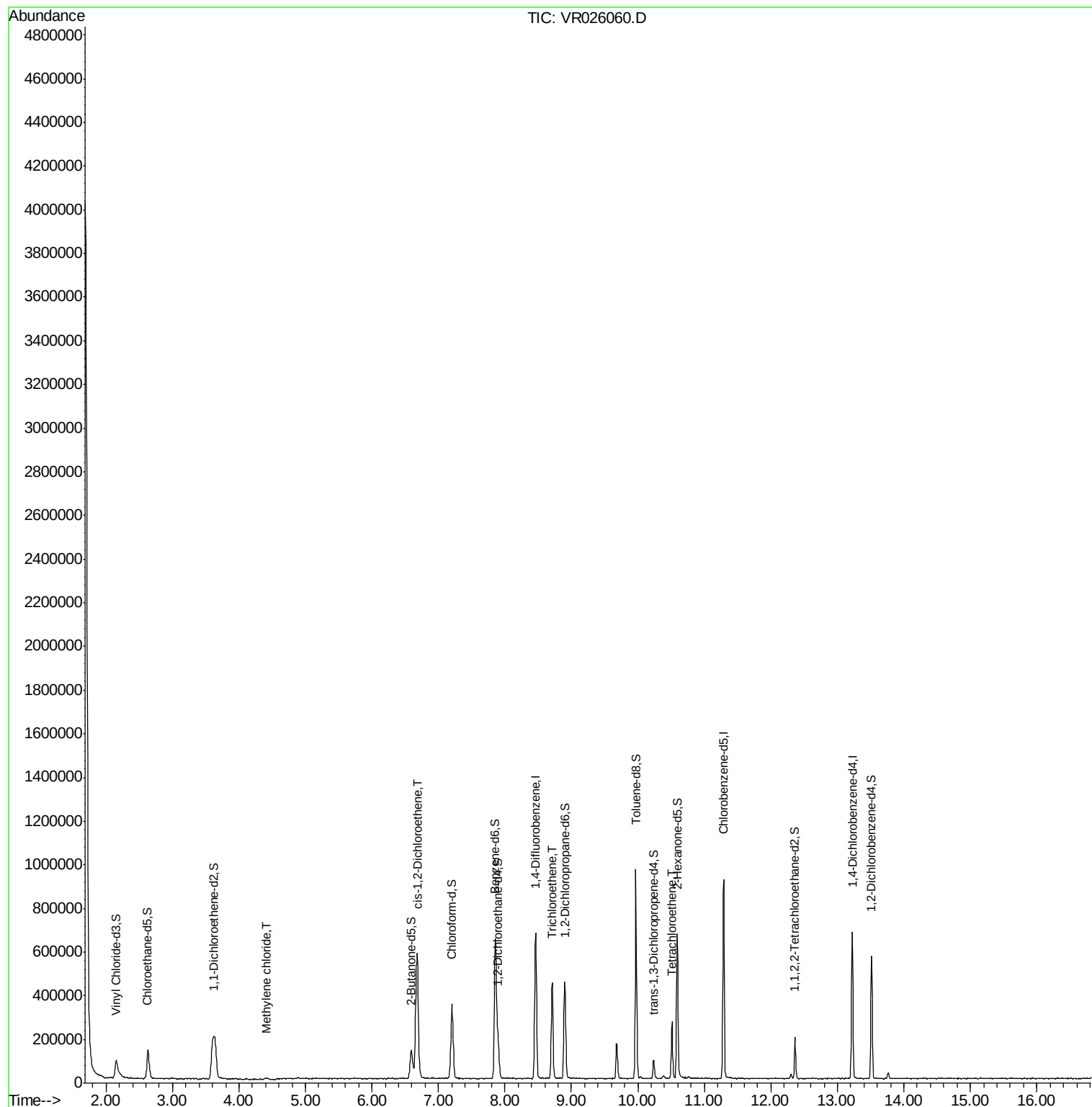
					Qvalue
16) Methylene chloride	4.40	84	4880	0.155 ug/L	81
22) cis-1,2-Dichloroethene	6.68	96	305677	10.737 ug/L #	95
34) Trichloroethene	8.71	95	143699	4.195 ug/L	93
47) Tetrachloroethene	10.51	164	43103	2.042 ug/L	87

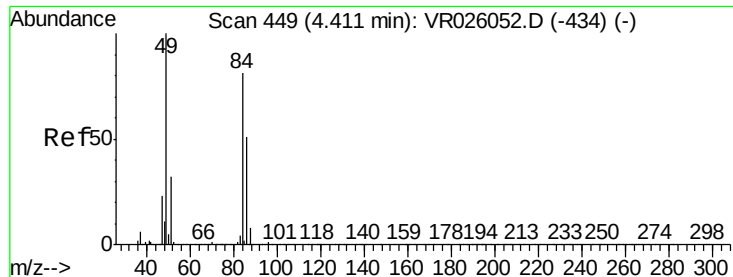
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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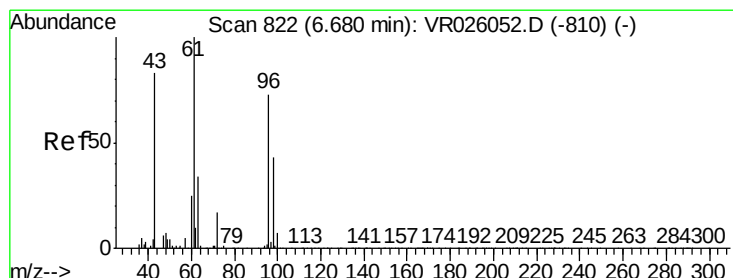
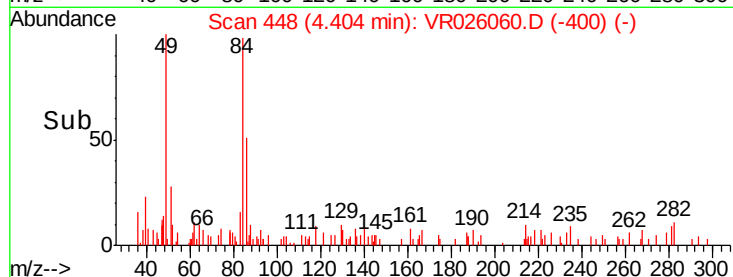
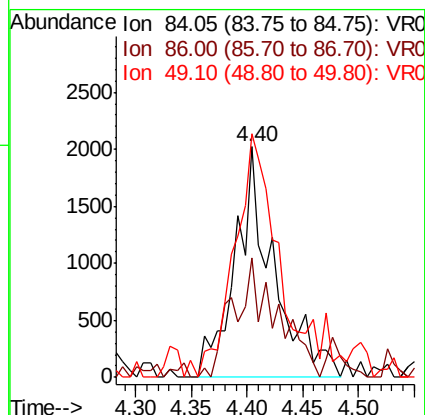
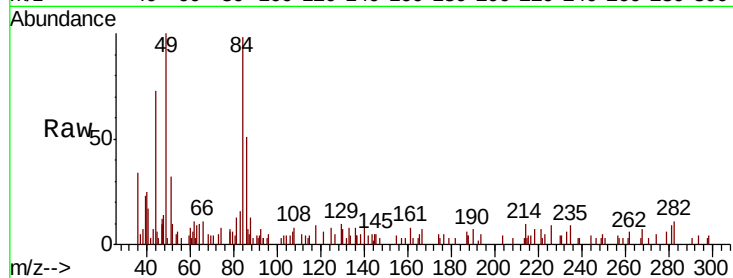




#16
Methylene chloride
Concen: 0.155 ug/L
RT: 4.40 min Scan# 448
Delta R.T. -0.01 min
Lab File: VR026060.D
Acq: 12 Oct 2018 14:22

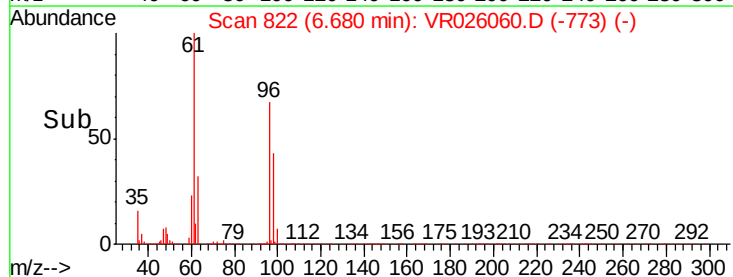
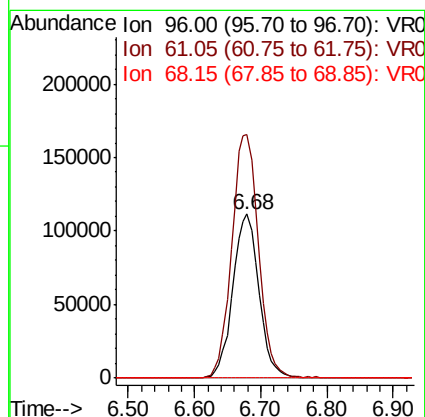
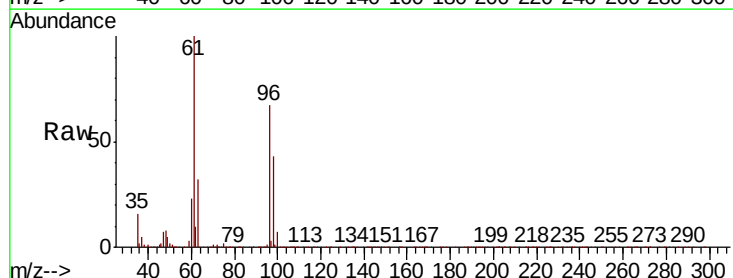
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MSVOA_R
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C0J95DL

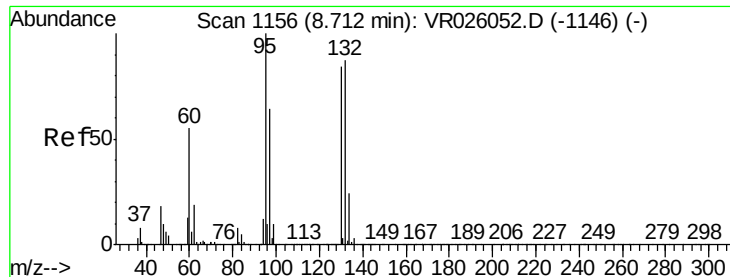
Tgt Ion: 84 Resp: 4880
Ion Ratio Lower Upper
84 100
86 58.8 43.1 80.1
49 105.6 95.5 177.3



#22
cis-1,2-Dichloroethene
Concen: 10.737 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.00 min
Lab File: VR026060.D
Acq: 12 Oct 2018 14:22

Tgt Ion: 96 Resp: 305677
Ion Ratio Lower Upper
96 100
61 148.8 108.7 201.9
68 0.2 0.1 0.1#





#34

Trichloroethene

Concen: 4.195 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. -0.00 min

Lab File: VR026060.D

Acq: 12 Oct 2018 14:22

Instrument :

MSVOA_R

ClientSampleId :

C0J95DL

Tgt Ion: 95 Resp: 143699

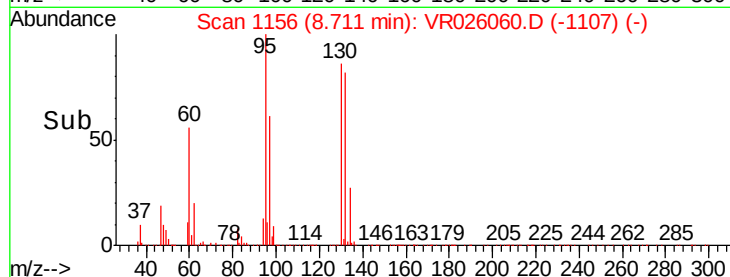
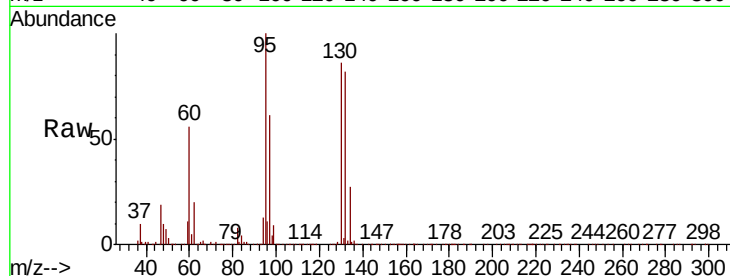
Ion Ratio Lower Upper

95 100

97 61.0 43.9 81.5

132 82.2 53.3 98.9

130 86.0 53.8 99.8

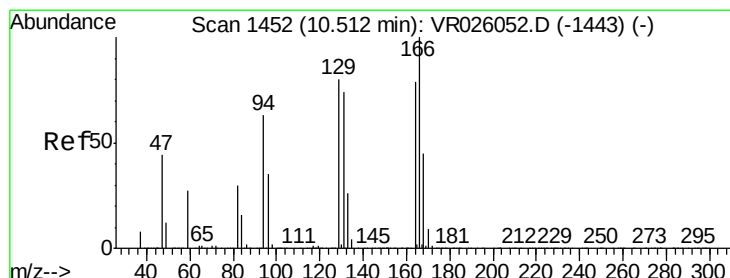
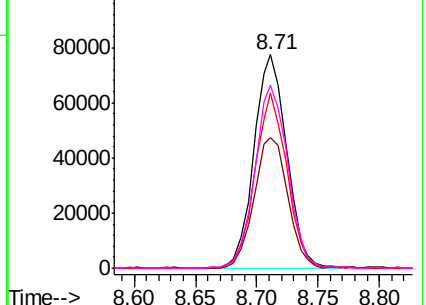


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 2.042 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026060.D

Acq: 12 Oct 2018 14:22

Tgt Ion: 164 Resp: 43103

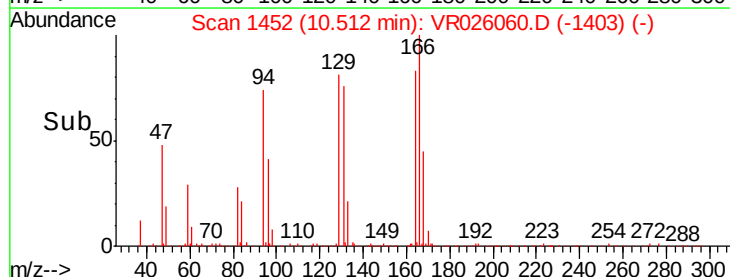
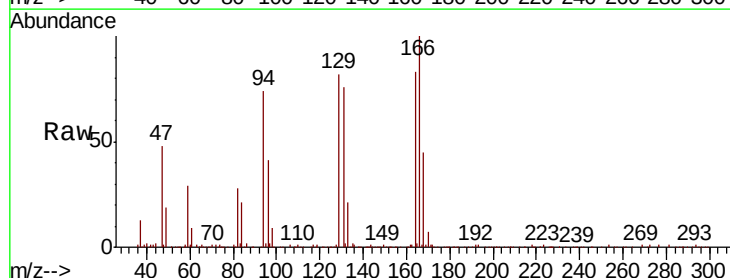
Ion Ratio Lower Upper

164 100

129 98.5 80.8 150.2

131 92.0 74.5 138.3

166 120.8 92.5 171.7



Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

