

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR112018\
 Data File : VR026249.D
 Acq On : 21 Nov 2018 3:05
 Operator : SY/MD
 Sample : J6026-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 H0FM3

Quant Time: Nov 21 04:23:53 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR112018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 21 03:23:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	535424	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	434393	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	128799	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	193827	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	2.62	69	185216	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	3.61	63	387539	3.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.80%
20) 2-Butanone-d5	6.59	46	172453	45.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.22%
24) Chloroform-d	7.20	84	343059	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	7.90	65	139861	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.85	84	689586	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
36) 1,2-Dichloropropane-d6	8.90	67	178477	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	9.97	98	609118	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.00%
43) trans-1,3-Dichloropropene-	10.24	79	40330	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
46) 2-Hexanone-d5	10.59	63	124836	51.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.94%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	67665	4.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	87.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	114293	5.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.00%

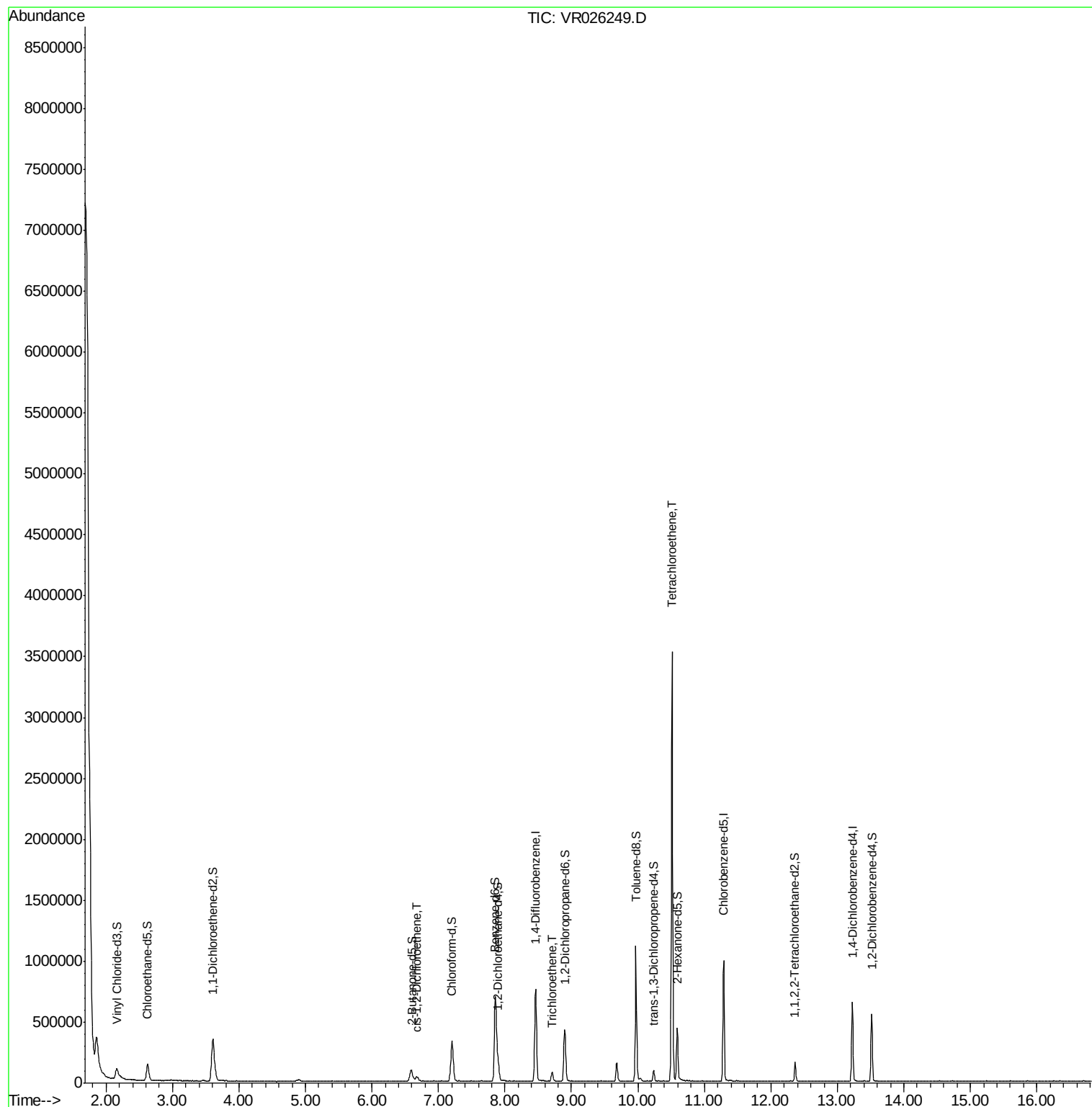
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	6.67	96	19221	0.517 ug/L	95
34) Trichloroethene	8.71	95	23934	0.569 ug/L	97
47) Tetrachloroethene	10.51	164	618756	20.041 ug/L	94

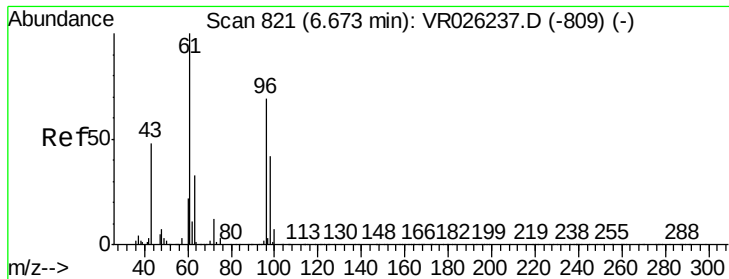
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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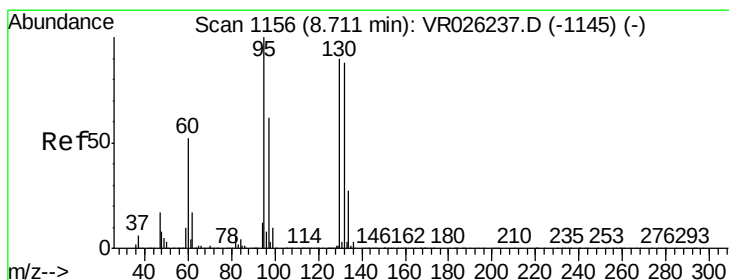
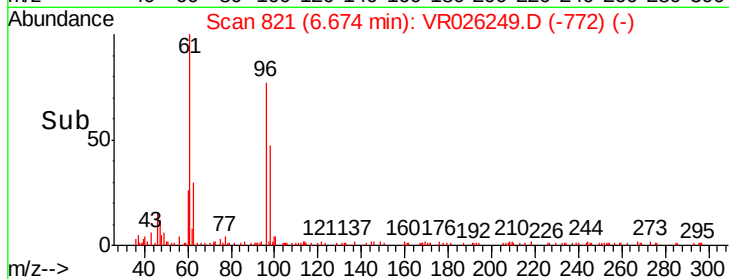
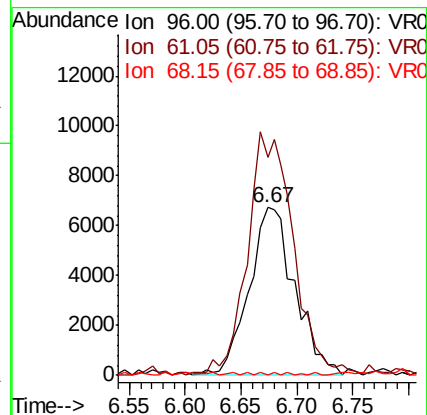
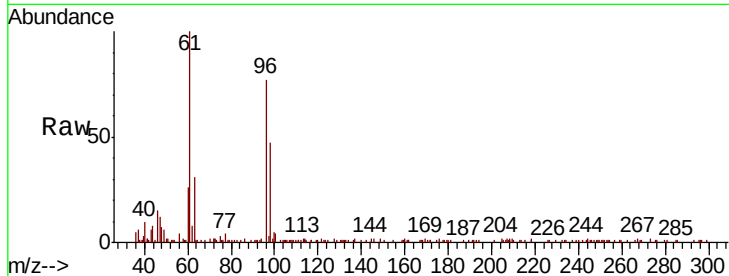


#22

cis-1,2-Dichloroethene
Concen: 0.517 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026249.D
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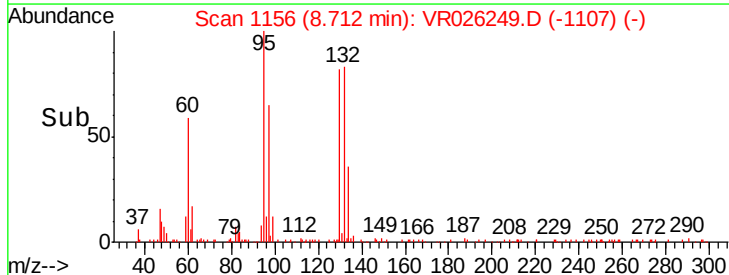
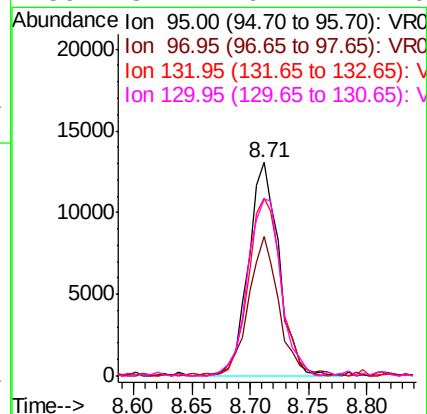
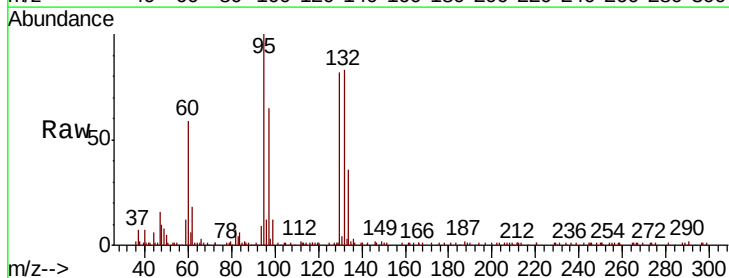
Tgt Ion	Ratio	Lower	Upper
96	100		
61	130.0	94.8	176.2
68	0.0	0.0	0.0

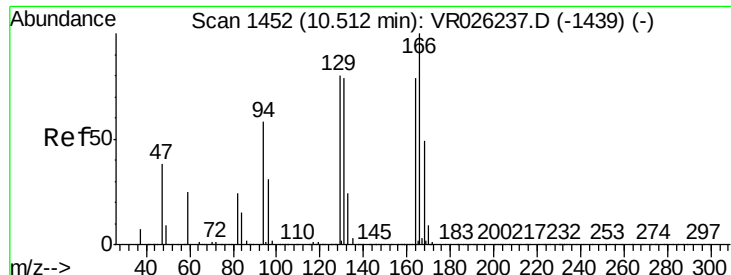


#34

Trichloroethene
Concen: 0.569 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026249.D
Acq: 21 Nov 2018 3:05

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.4	45.1	83.7
132	83.0	59.8	111.0
130	82.4	61.4	114.0





#47

Tetrachloroethene

Concen: 20.041 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026249.D

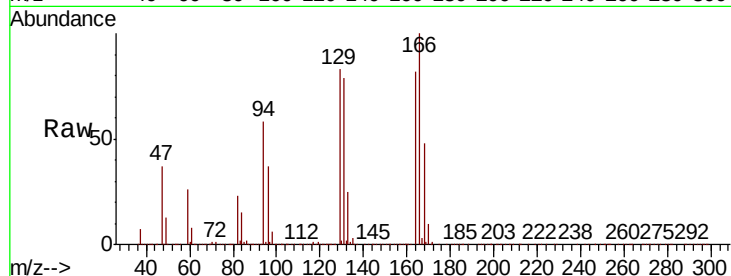
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Tgt Ion:164 Resp: 618756

Ion Ratio Lower Upper

164 100

129 101.4 74.6 138.6

131 97.1 69.8 129.6

166 122.6 94.5 175.5

Abundance Ion 163.90 (163.60 to 164.60): V

800000 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

