

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101118\
 Data File : VR026049.D
 Acq On : 11 Oct 2018 17:28
 Operator : SY/MD
 Sample : J5315-07
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J98

Quant Time: Oct 12 09:02:47 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	414977	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	360179	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	123060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	185440	5.67	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	2.63	69	166872	6.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	124.80%
11) 1,1-Dichloroethene-d2	3.64	63	340002	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	88.40%
20) 2-Butanone-d5	6.60	46	223554	61.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.56%
24) Chloroform-d	7.20	84	300534	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.60%
26) 1,2-Dichloroethane-d4	7.90	65	142554	5.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.40%
32) Benzene-d6	7.85	84	587302	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	8.90	67	168952	5.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.60%
41) Toluene-d8	9.97	98	542349	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	10.24	79	38047	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	10.59	63	178811	63.95	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.90%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69692	5.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	104644	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

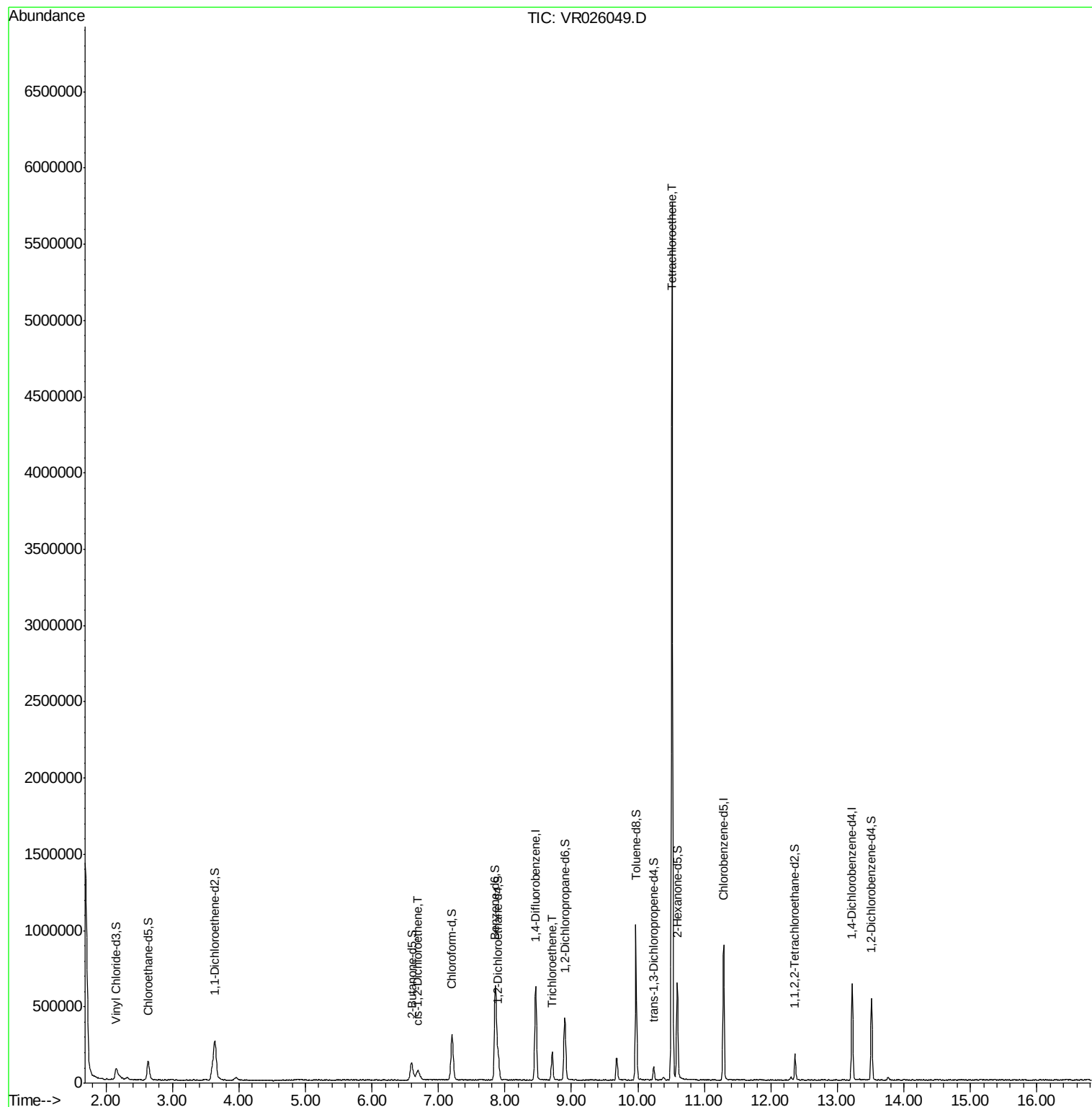
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	6.68	96	14731	0.565 ug/L #	95
34) Trichloroethene	8.71	95	57806	1.816 ug/L	97
47) Tetrachloroethene	10.51	164	951053	48.488 ug/L	90

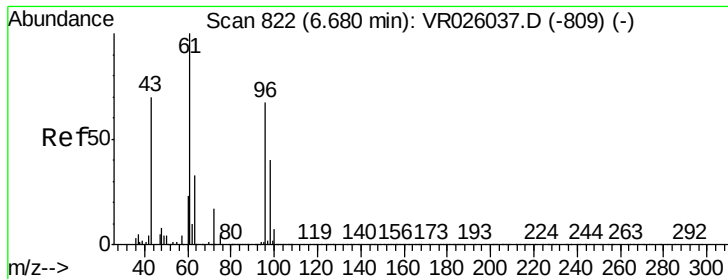
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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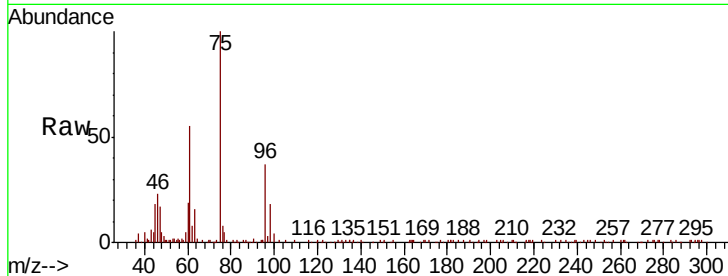


#22

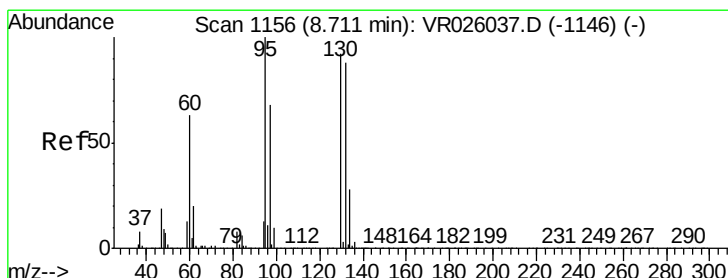
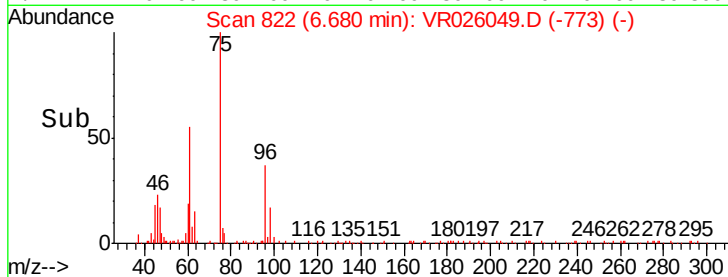
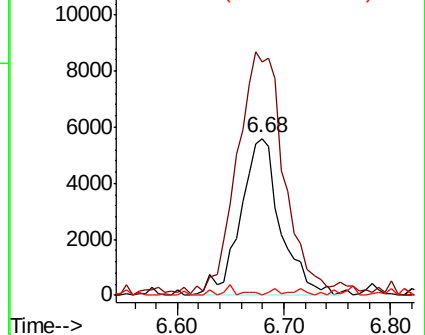
cis-1,2-Dichloroethene
Concen: 0.565 ug/L
RT: 6.68 min Scan# 822
Delta R.T. -0.00 min
Lab File: VR026049.D
Acq: 11 Oct 2018 17:28

Instrument :
MSVOA_R
ClientSampleId :
C0J98

Tot Ion: 96 Resp: 14731
Ion Ratio Lower Upper
96 100
61 148.8 108.7 201.9
68 0.0 0.1 0.1#



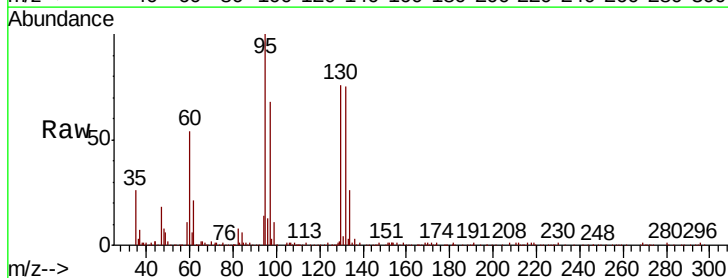
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



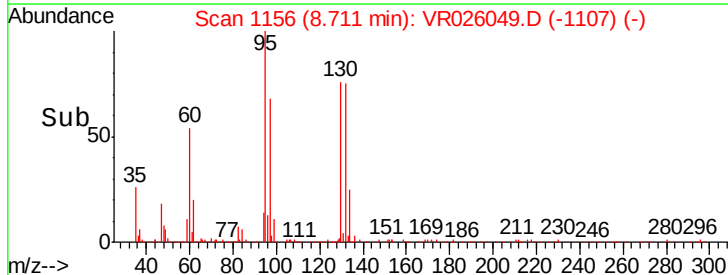
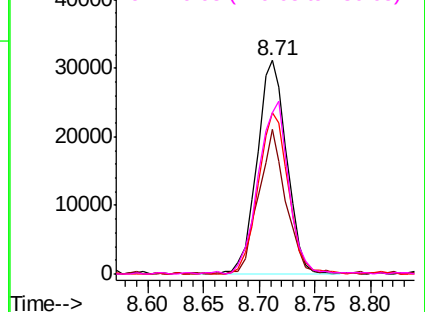
#34

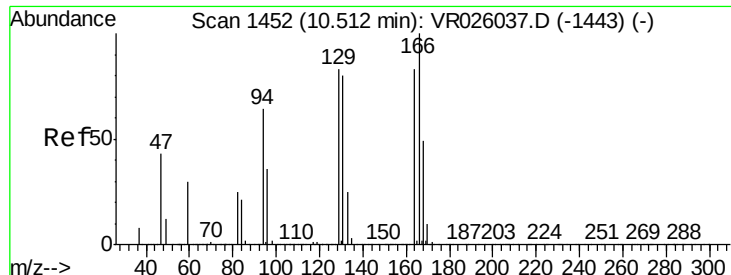
Trichloroethene
Concen: 1.816 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR026049.D
Acq: 11 Oct 2018 17:28

Tgt Ion: 95 Resp: 57806
Ion Ratio Lower Upper
95 100
97 67.7 43.9 81.5
132 75.5 53.3 98.9
130 75.6 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: 48.488 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

Lab File: VR026049.D

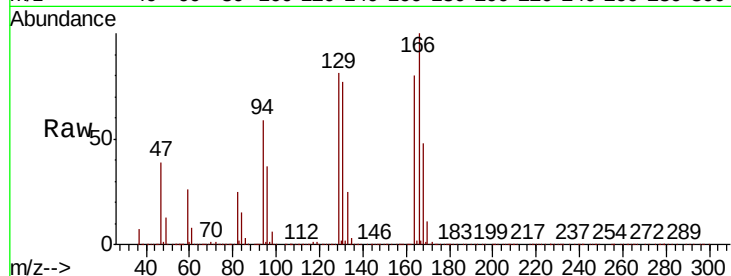
Acq: 11 Oct 2018 17:28

Instrument :

MSVOA_R

ClientSampleId :

C0J98



Tot Ion:164 Resp: 951053

Ion Ratio Lower Upper

164 100

129 100.9 80.8 150.2

131 96.4 74.5 138.3

166 124.5 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

