

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071318\
 Data File : VR025465.D
 Acq On : 13 Jul 2018 17:06
 Operator : SY/MD
 Sample : J3987-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0J58

Quant Time: Jul 13 23:56:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 23:51:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	812632	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	628303	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	221271	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	111555	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	2.63	69	94661	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	3.63	63	229246	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	6.59	46	341414	49.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.12%
24) Chloroform-d	7.20	84	477617	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	7.89	65	189165	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
32) Benzene-d6	7.85	84	990698	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	8.90	67	282054	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	834231	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	10.24	79	71621	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	10.59	63	267157	51.15	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.30%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	114011	4.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	182508	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

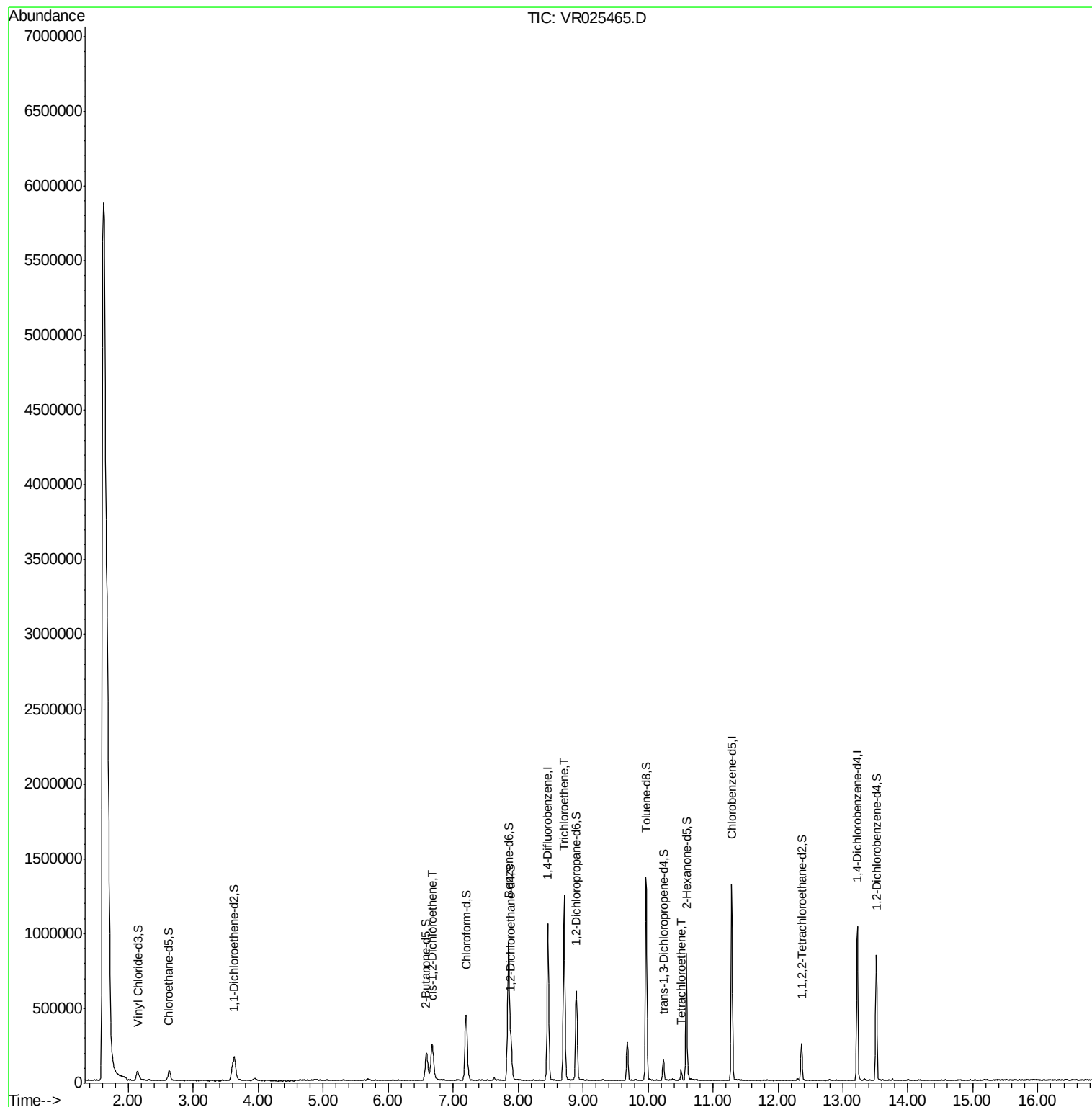
Target Compounds					Ovalue
22) cis-1,2-Dichloroethene	6.68	96	110232	1.99 ug/L	87
34) Trichloroethene	8.71	95	427898	7.76 ug/L	99
47) Tetrachloroethene	10.51	164	15278	0.42 ug/L	95

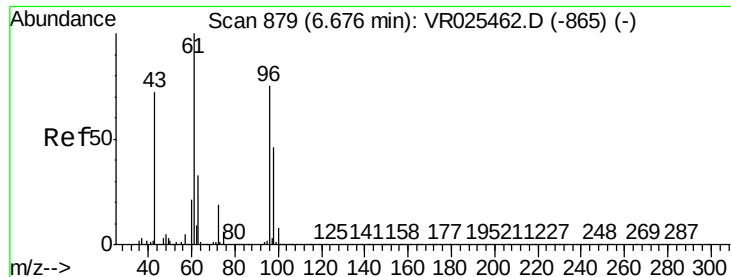
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 1.99 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

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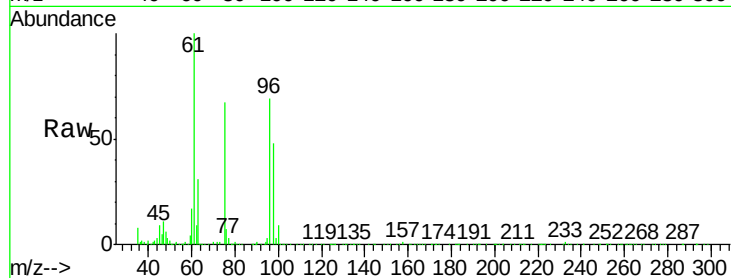
Tot Ion: 96 Resp: 110232

Ion Ratio Lower Upper

96 100

61 145.3 91.0 169.0

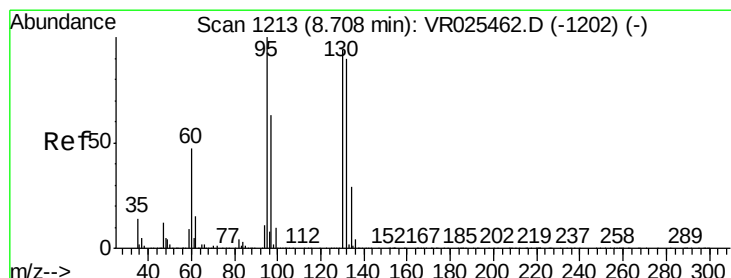
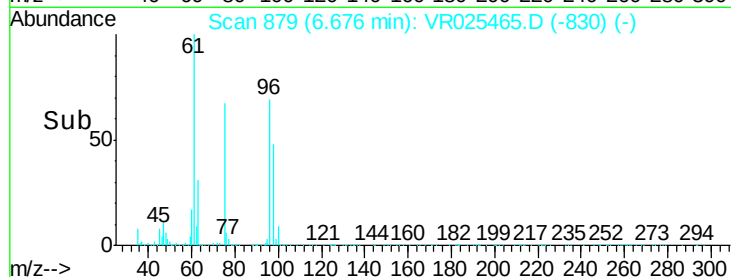
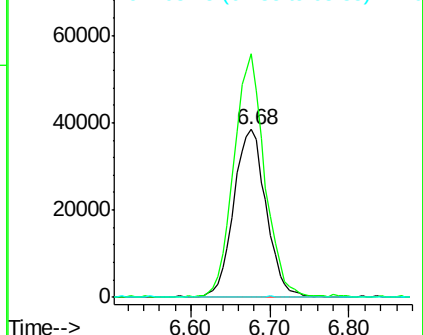
68 0.0 0.0 0.0



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



#34

Trichloroethene

Concen: 7.76 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

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Acq: 13 Jul 2018 17:06

Tgt Ion: 95 Resp: 427898

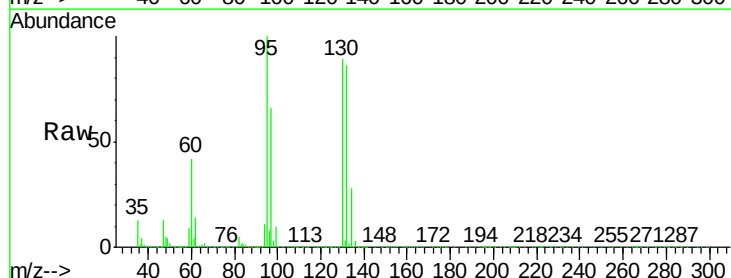
Ion Ratio Lower Upper

95 100

97 66.0 45.6 84.6

132 86.1 60.9 113.1

130 89.3 62.0 115.2

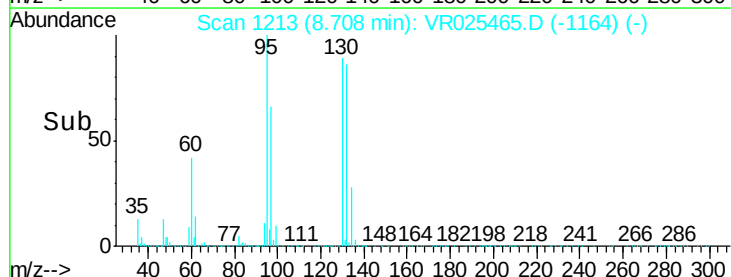
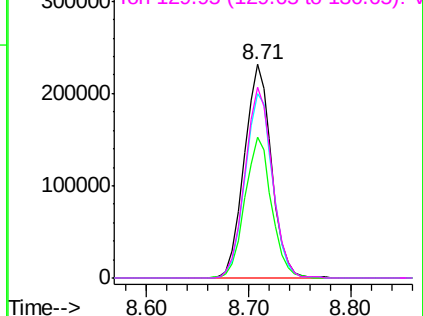


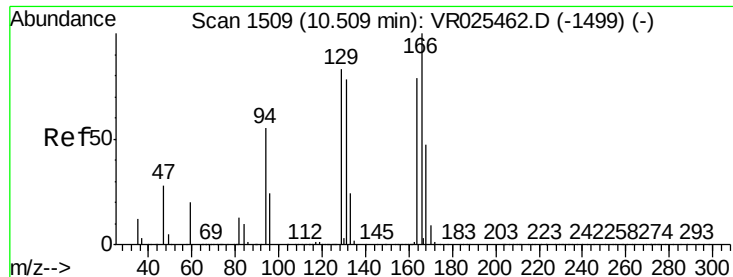
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.42 ug/L

RT: 10.51 min Scan# 1509

Delta R.T. 0.00 min

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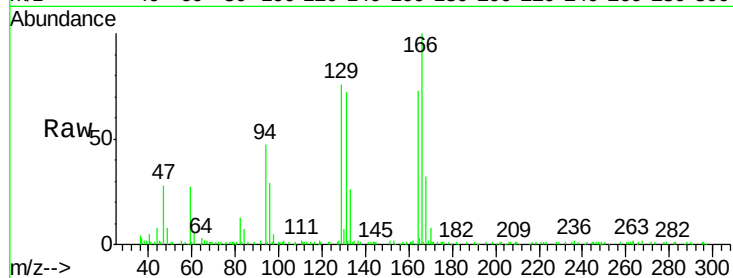
Acq: 13 Jul 2018 17:06

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Tot Ion:164 Resp: 15278

Ion Ratio Lower Upper

164 100

129 104.7 68.1 126.5

131 98.4 68.5 127.1

166 137.0 89.9 166.9

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

