

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022819\
 Data File : VR026422.D
 Acq On : 28 Feb 2019 16:50
 Operator : SY/MD
 Sample : K1588-12
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C09Q0

Quant Time: Mar 01 07:07:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Mar 01 06:30:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	464686	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	372567	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	110621	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	193061	4.25	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.00%
7) Chloroethane-d5	2.62	69	173702	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.20%
11) 1,1-Dichloroethene-d2	3.60	63	383646	3.60	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.00%
20) 2-Butanone-d5	6.58	46	192128	57.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.82%
24) Chloroform-d	7.20	84	354624	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	7.89	65	151452	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	7.85	84	647837	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.60%
36) 1,2-Dichloropropane-d6	8.89	67	176623	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	612273	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.24	79	39700	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	10.59	63	150784	63.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	63278	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	109414	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

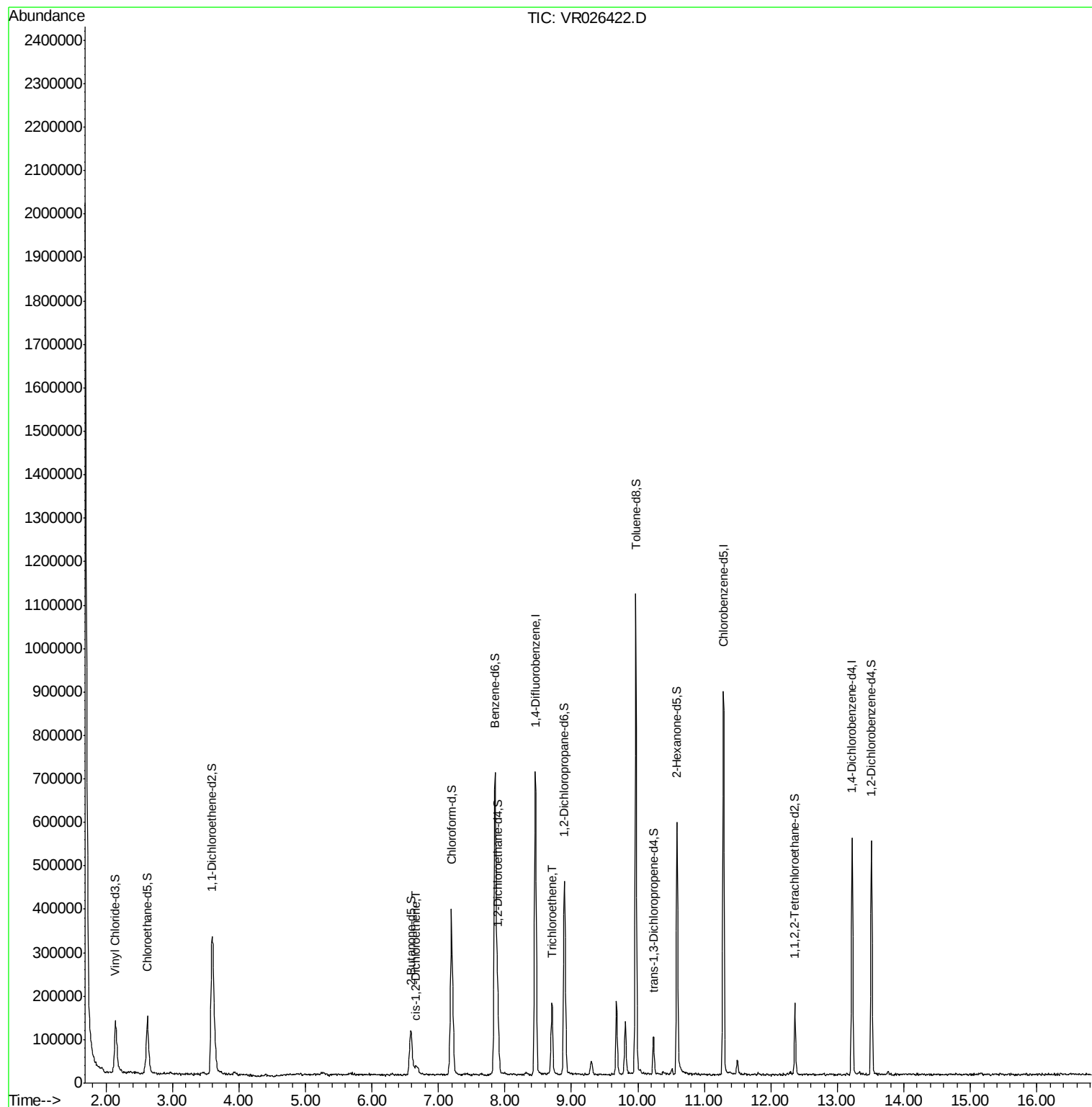
Target Compounds					Qvalue
22) cis-1,2-Dichloroethene	6.66	96	8385	0.270 ug/L #	93
34) Trichloroethene	8.71	95	50227	1.394 ug/L	94

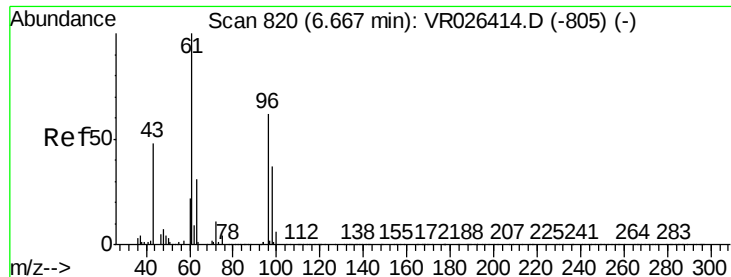
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#22

cis-1,2-Dichloroethene

Concen: 0.270 ug/L

RT: 6.66 min Scan# 819

Delta R.T. -0.01 min

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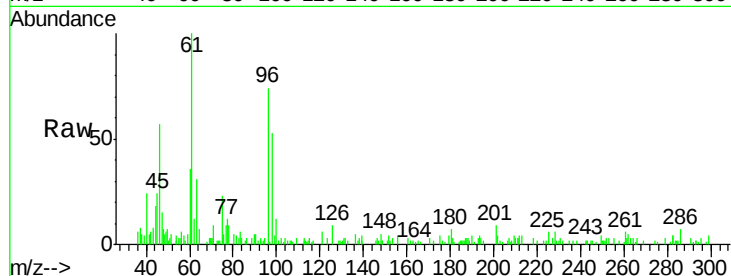
Tgt Ion: 96 Resp: 8385

Ion Ratio Lower Upper

96 100

61 135.6 100.8 187.2

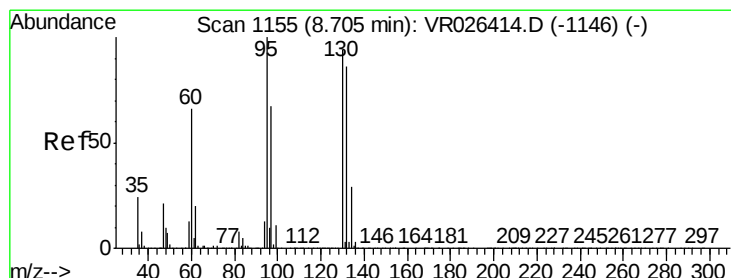
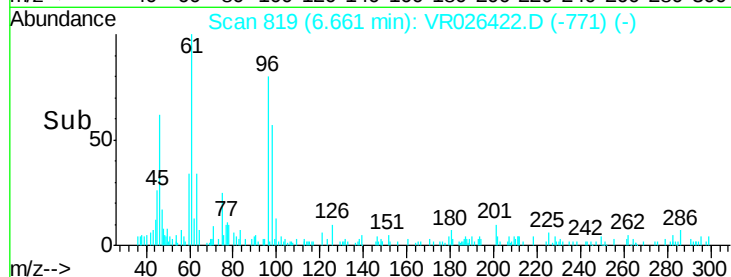
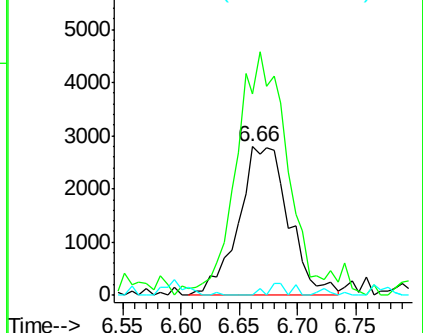
68 0.0 0.1 0.1#



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: 1.394 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 50227

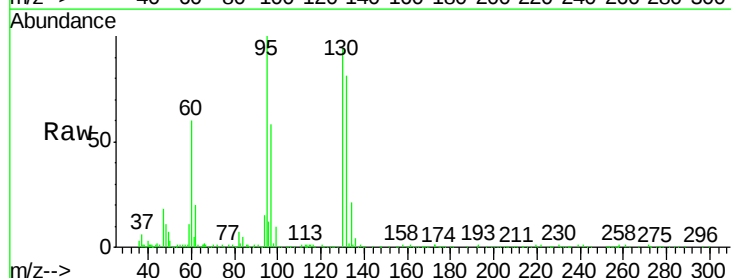
Ion Ratio Lower Upper

95 100

97 58.2 43.5 80.7

132 80.8 58.6 108.8

130 94.0 59.4 110.2



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

