

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022619\
 Data File : VR026390.D
 Acq On : 26 Feb 2019 16:20
 Operator : SY/MD
 Sample : K1588-01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Quant Time: Feb 27 07:51:13 2019

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M

Quant Title : TRACE VOA SOM01.0

QLast Update : Wed Feb 27 07:30:50 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	464815	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	382270	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	112253	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	148159	3.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.20%
7) Chloroethane-d5	2.62	69	138776	3.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	74.40%
11) 1,1-Dichloroethene-d2	3.60	63	306911	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	6.58	46	161527	48.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.34%
24) Chloroform-d	7.20	84	317538	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	7.89	65	135100	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.80%
32) Benzene-d6	7.85	84	558930	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	8.89	67	156123	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	9.97	98	497156	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
43) trans-1,3-Dichloropropene-	10.23	79	34803	3.62	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.40%
46) 2-Hexanone-d5	10.59	63	129367	53.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.70%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	58754	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	85.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	99181	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

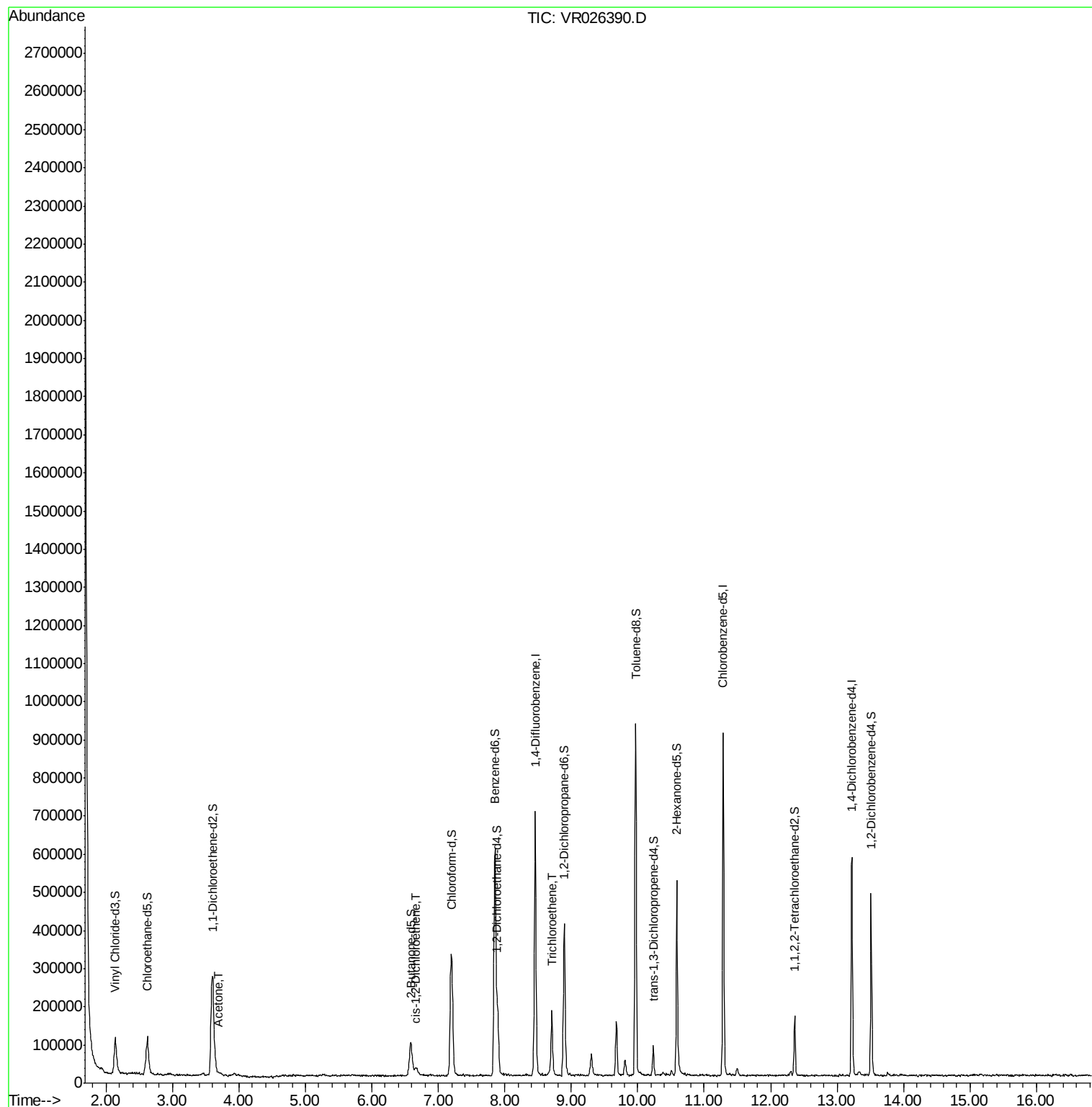
Target Compounds

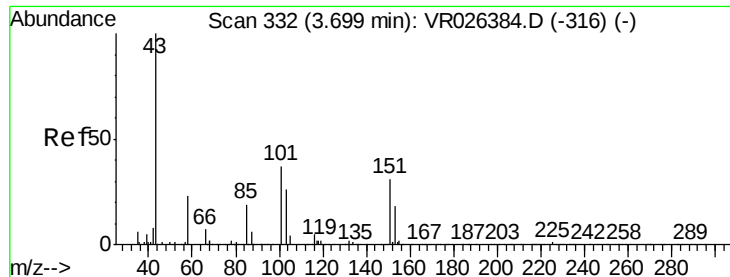
					Qvalue
13) Acetone	3.69	43	9379	3.141 ug/L	92
22) cis-1,2-Dichloroethene	6.67	96	7929	0.255 ug/L #	85
34) Trichloroethene	8.71	95	52474	1.420 ug/L	98

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

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#13

Acetone

Concen: 3.141 ug/L

RT: 3.69 min Scan# 331

Delta R.T. -0.01 min

Lab File: VR026390.D

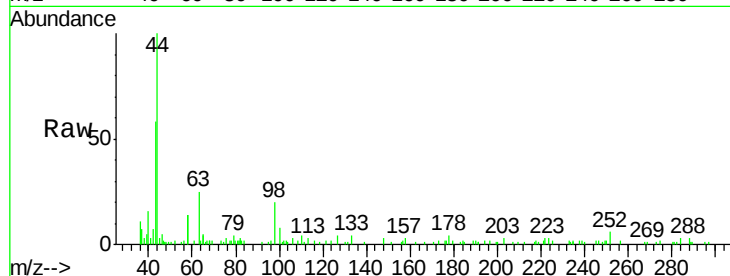
Acq: 26 Feb 2019 16:20

Tgt Ion: 43 Resp: 9379

Ion Ratio Lower Upper

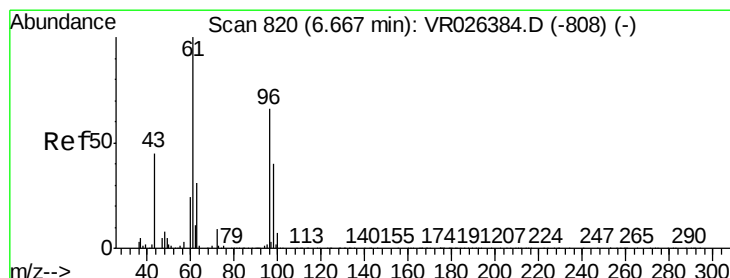
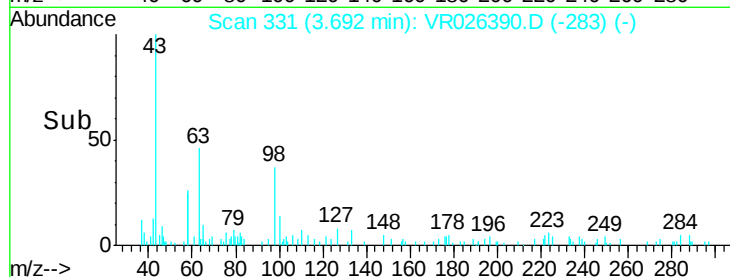
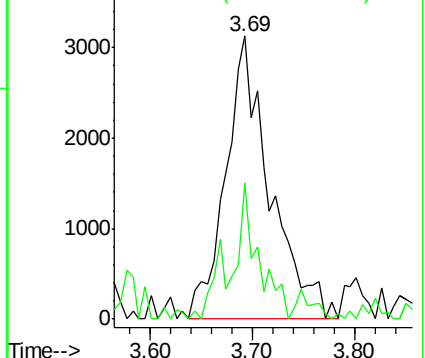
43 100

58 21.8 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.255 ug/L

RT: 6.67 min Scan# 820

Delta R.T. -0.00 min

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Acq: 26 Feb 2019 16:20

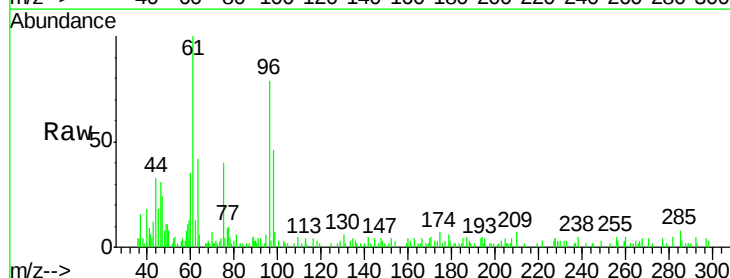
Tgt Ion: 96 Resp: 7929

Ion Ratio Lower Upper

96 100

61 125.9 100.8 187.2

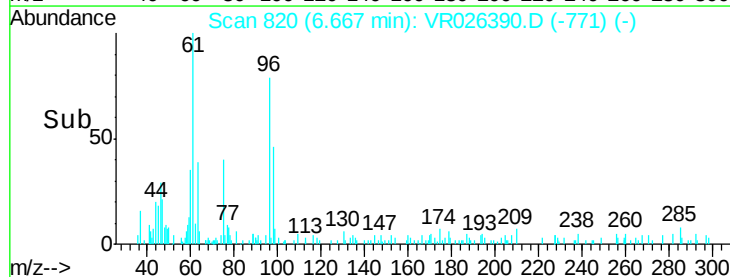
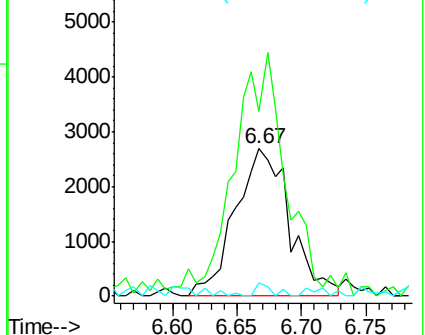
68 8.9 0.1 0.1#

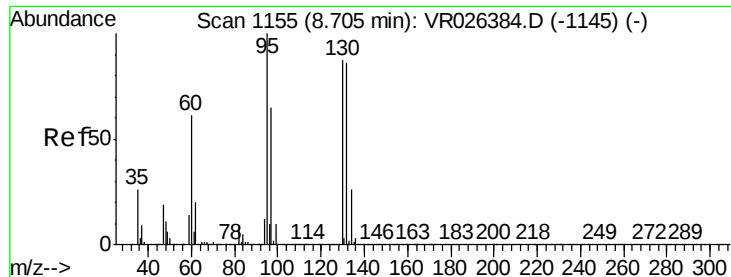


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 1.420 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

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Tgt Ion: 95 Resp: 52474

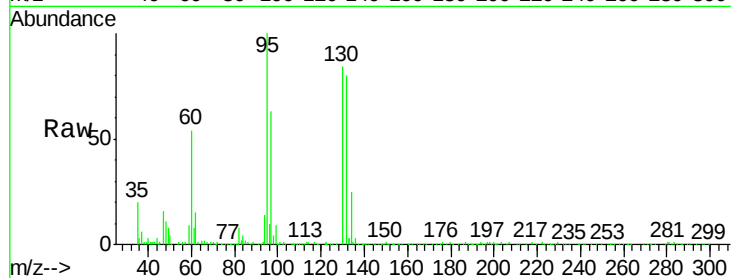
Ion Ratio Lower Upper

95 100

97 62.9 43.5 80.7

132 80.3 58.6 108.8

130 84.5 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

