

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR022619\
 Data File : VR026386.D
 Acq On : 26 Feb 2019 14:06
 Operator : SY/MD
 Sample : K1589-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 27 07:40:31 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	495991	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	398650	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	161242	3.32	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.40%
7) Chloroethane-d5	2.62	69	150830	3.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.80%
11) 1,1-Dichloroethene-d2	3.60	63	327890	2.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.60%#
20) 2-Butanone-d5	6.59	46	169735	47.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	7.20	84	324128	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.00%
26) 1,2-Dichloroethane-d4	7.89	65	134103	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
32) Benzene-d6	7.85	84	583236	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.80%
36) 1,2-Dichloropropane-d6	8.89	67	161742	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.20%
41) Toluene-d8	9.97	98	497352	3.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	73.60%
43) trans-1,3-Dichloropropene-	10.23	79	30730	3.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.40%
46) 2-Hexanone-d5	10.59	63	127484	50.41	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.82%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59077	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	103844	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

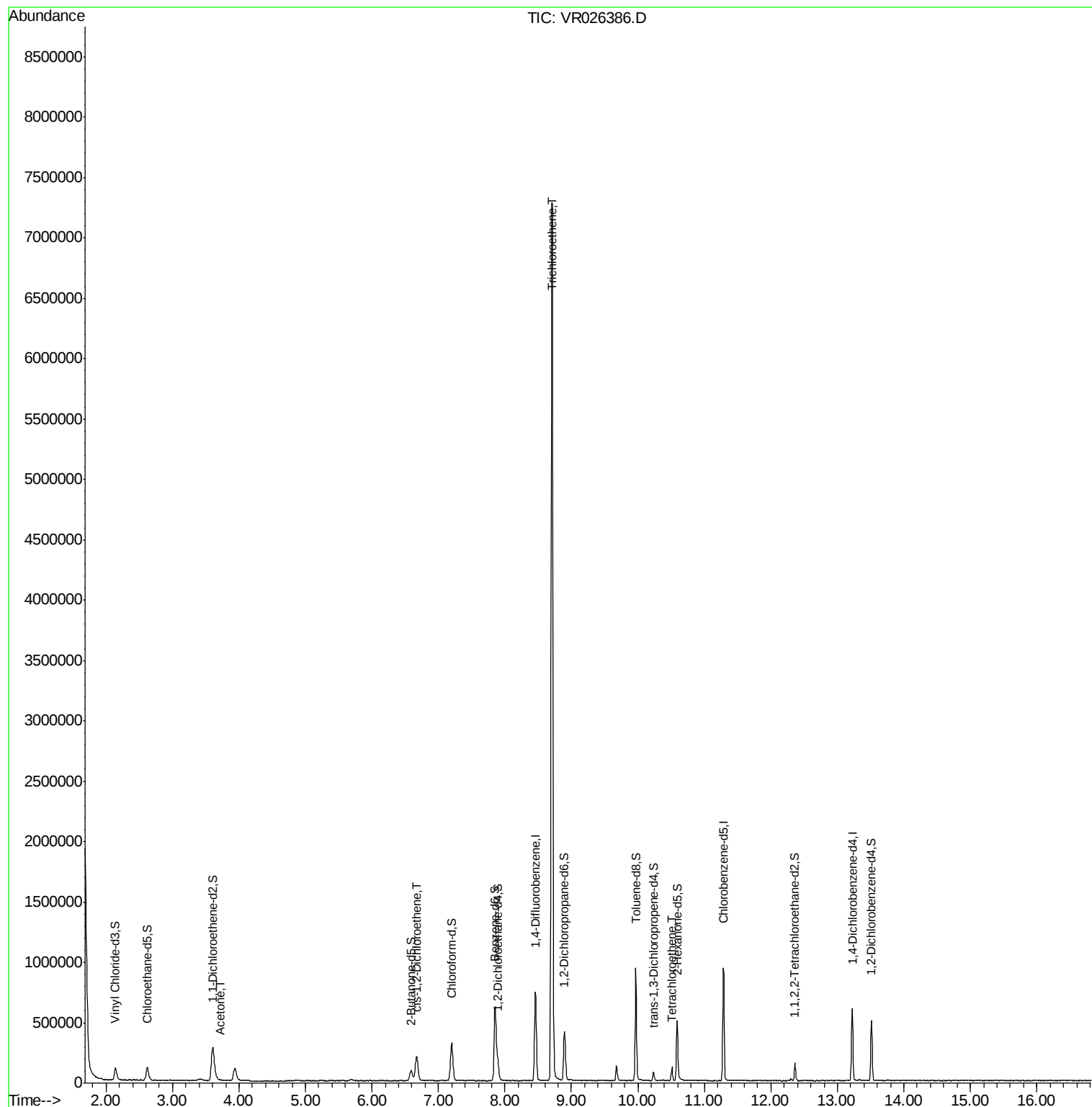
Target Compounds

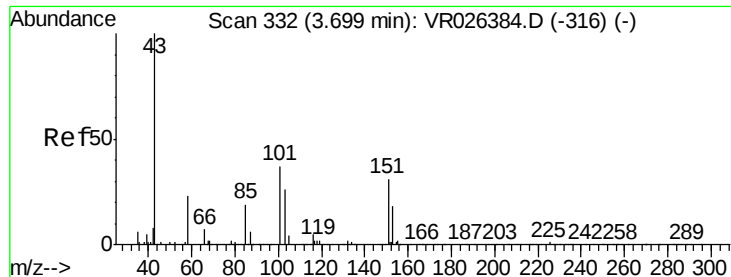
					Qvalue
13) Acetone	3.70	43	8949	2.809 ug/L	95
22) cis-1,2-Dichloroethene	6.67	96	108426	3.267 ug/L #	100
34) Trichloroethene	8.71	95	2338351	60.674 ug/L	97
47) Tetrachloroethene	10.51	164	22765	0.815 ug/L	94

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

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#13

Acetone

Concen: 2.809 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

Lab File: VR026386.D

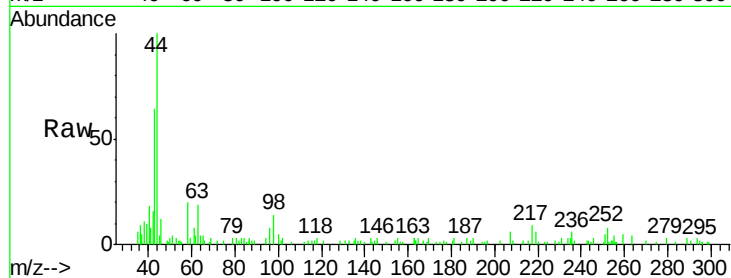
Acq: 26 Feb 2019 14:06

Tgt Ion: 43 Resp: 8949

Ion Ratio Lower Upper

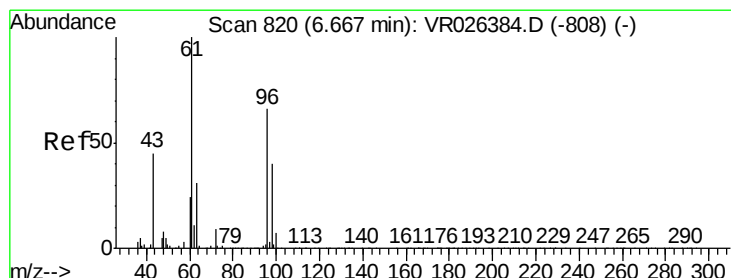
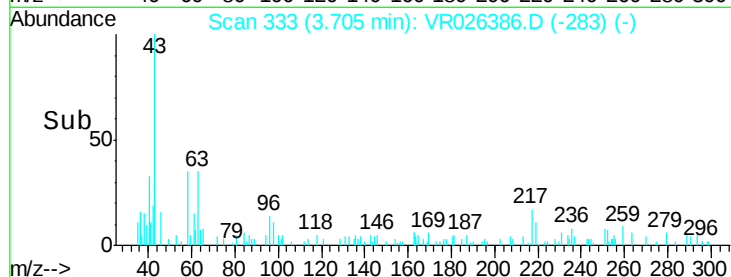
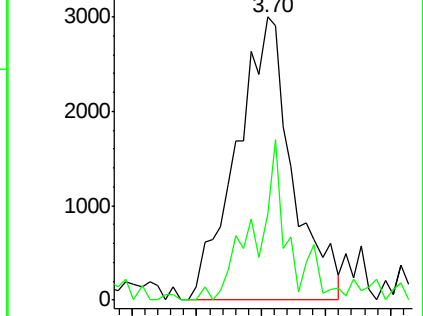
43 100

58 28.6 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: 3.267 ug/L

RT: 6.67 min Scan# 821

Delta R.T. 0.01 min

Lab File: VR026386.D

Acq: 26 Feb 2019 14:06

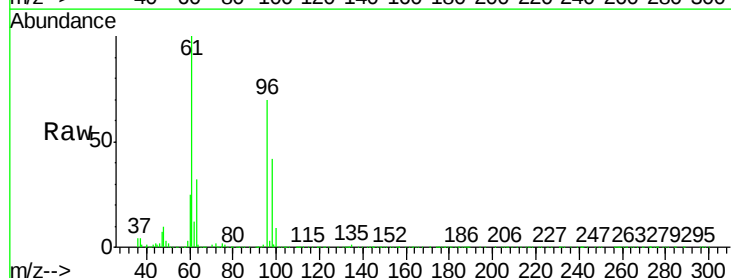
Tgt Ion: 96 Resp: 108426

Ion Ratio Lower Upper

96 100

61 143.8 100.8 187.2

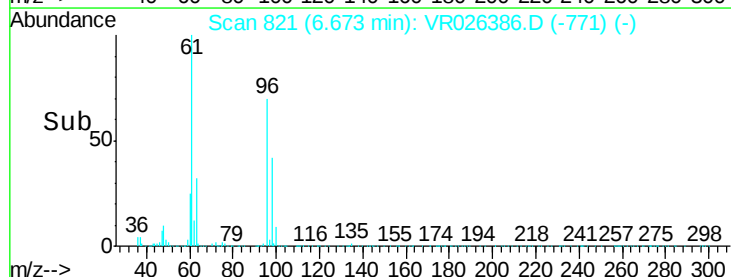
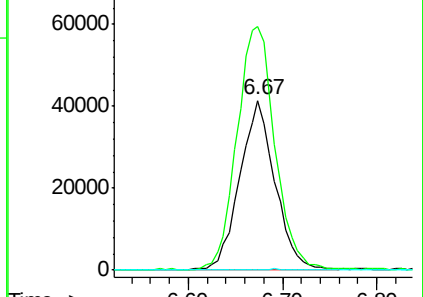
68 0.0 0.1 0.1#

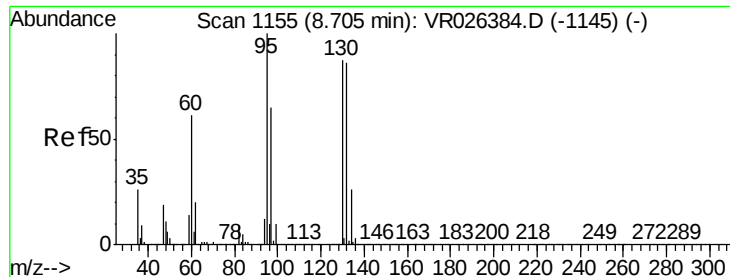


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 60.674 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VR026386.D

Acq: 26 Feb 2019 14:06

Tgt Ion: 95 Resp: 2338351

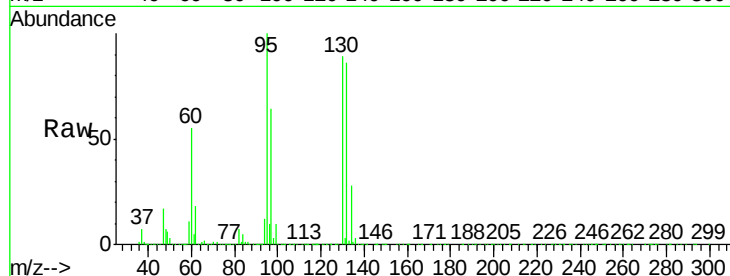
Ion Ratio Lower Upper

95 100

97 63.9 43.5 80.7

132 85.5 58.6 108.8

130 88.8 59.4 110.2

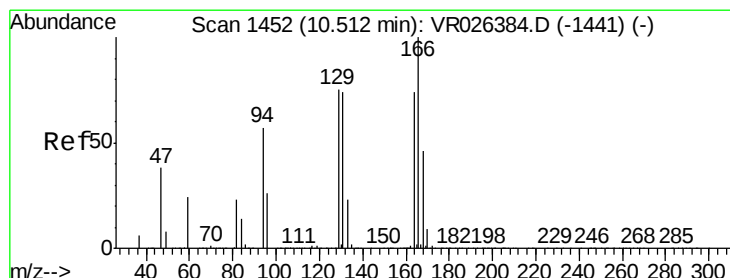
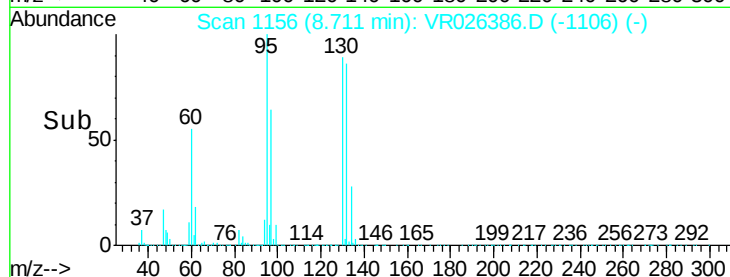
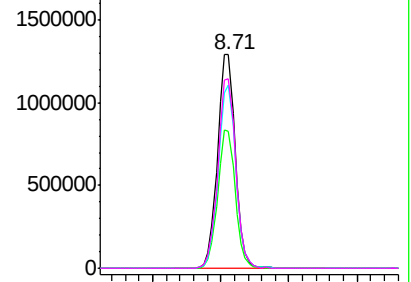


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#47

Tetrachloroethene

Concen: 0.815 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. -0.00 min

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Acq: 26 Feb 2019 14:06

Tgt Ion: 164 Resp: 22765

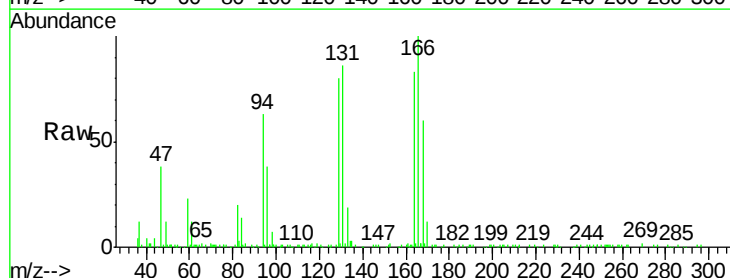
Ion Ratio Lower Upper

164 100

129 93.6 67.2 124.8

131 101.3 67.3 125.1

166 117.2 90.4 167.8



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

