

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR022719\
 Data File : VR026408.D
 Acq On : 27 Feb 2019 17:18
 Operator : SY/MD
 Sample : K1588-13
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C09Q1

Quant Time: Feb 28 08:12:08 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR022219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 28 07:30:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	501150	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	404909	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121365	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	149069	3.04	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.80%
7) Chloroethane-d5	2.62	69	140323	3.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	69.80%
11) 1,1-Dichloroethene-d2	3.60	63	310992	2.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	54.00%#
20) 2-Butanone-d5	6.58	46	191568	53.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.08%
24) Chloroform-d	7.20	84	333207	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.40%
26) 1,2-Dichloroethane-d4	7.89	65	140691	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
32) Benzene-d6	7.85	84	573379	3.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.40%
36) 1,2-Dichloropropane-d6	8.89	67	159863	4.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.80%
41) Toluene-d8	9.97	98	514704	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	10.23	79	33708	3.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	66.20%
46) 2-Hexanone-d5	10.59	63	143432	55.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	60110	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	98789	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

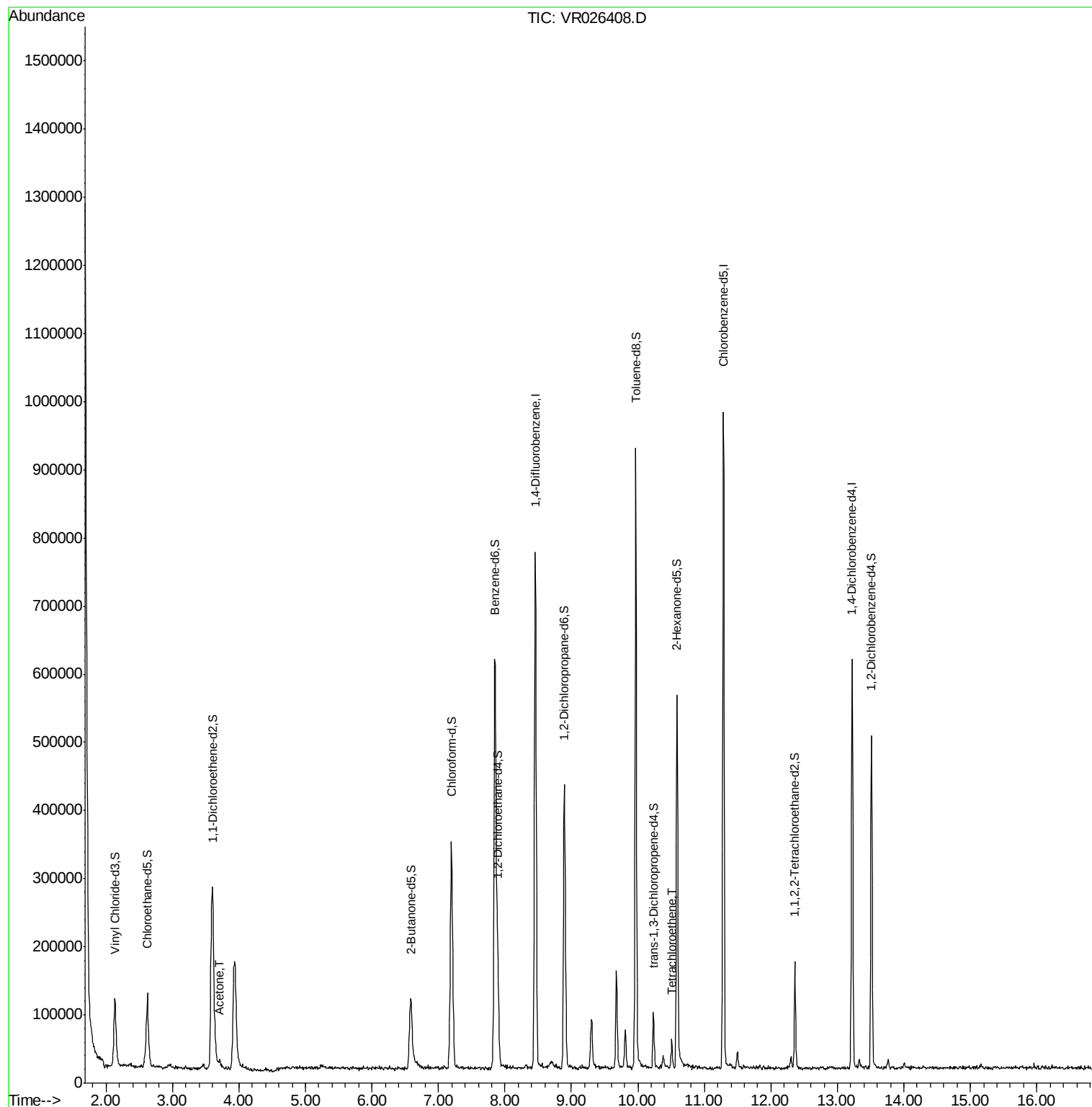
Target Compounds					Ovalue
13) Acetone	3.70	43	12361	3.840 ug/L	81
47) Tetrachloroethene	10.51	164	7305	0.257 ug/L #	75

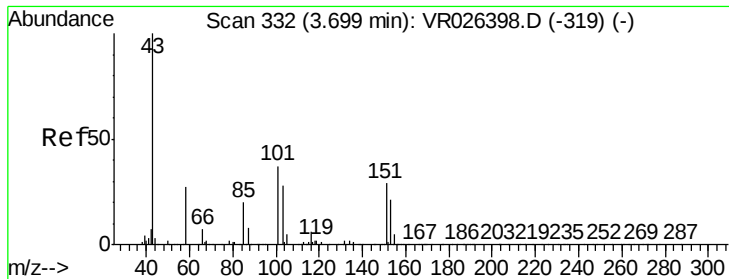
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.840 ug/L

RT: 3.70 min Scan# 333

Delta R.T. 0.01 min

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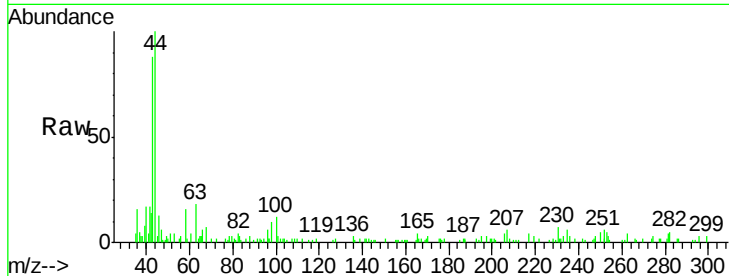
C09Q1

Tot Ion: 43 Resp: 12361

Ion Ratio Lower Upper

43 100

58 16.6 0.0 52.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.70

4000

3000

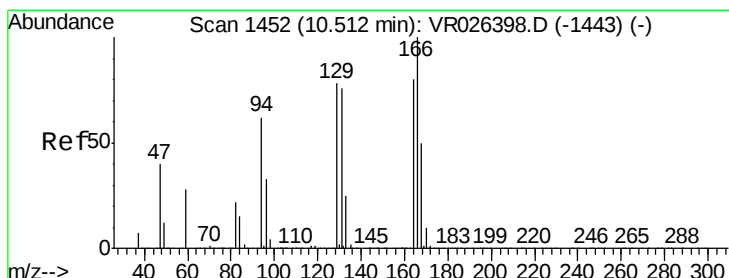
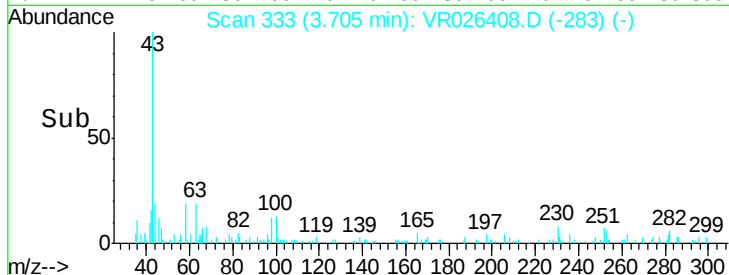
2000

1000

0

Time-->

3.60 3.65 3.70 3.75 3.80



#47

Tetrachloroethene

Concen: 0.257 ug/L

RT: 10.51 min Scan# 1451

Delta R.T. -0.01 min

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Tgt Ion: 164 Resp: 7305

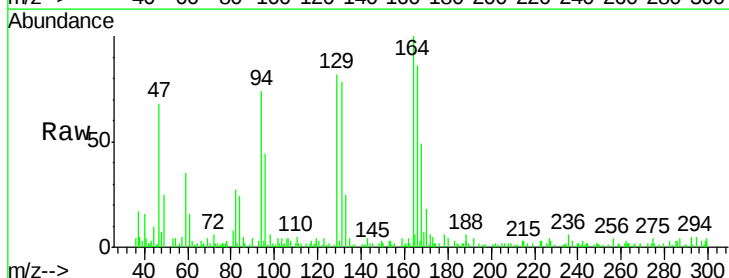
Ion Ratio Lower Upper

164 100

129 82.1 67.2 124.8

131 77.7 67.3 125.1

166 86.3 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

8000

6000

4000

2000

0

Time-->

10.45 10.50 10.55

