

Data Path : Z:\voasrv\HPCHEM1\MSVOA_R\Data\VR101118\
 Data File : VR026048.D
 Acq On : 11 Oct 2018 16:55
 Operator : SY/MD
 Sample : J5315-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0JA5

Quant Time: Oct 20 03:52:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 12 08:06:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	423611	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	371713	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	124596	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	182039	5.45	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	2.63	69	164257	6.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	120.40%
11) 1,1-Dichloroethene-d2	3.63	63	355319	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.60%
20) 2-Butanone-d5	6.59	46	215761	57.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.88%
24) Chloroform-d	7.20	84	296411	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	7.90	65	138488	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	7.85	84	601406	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	8.90	67	172855	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	9.97	98	550576	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	10.24	79	37109	4.91	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	98.20%
46) 2-Hexanone-d5	10.59	63	177677	61.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	123.14%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68433	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	106120	5.32	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.40%

Target Compounds

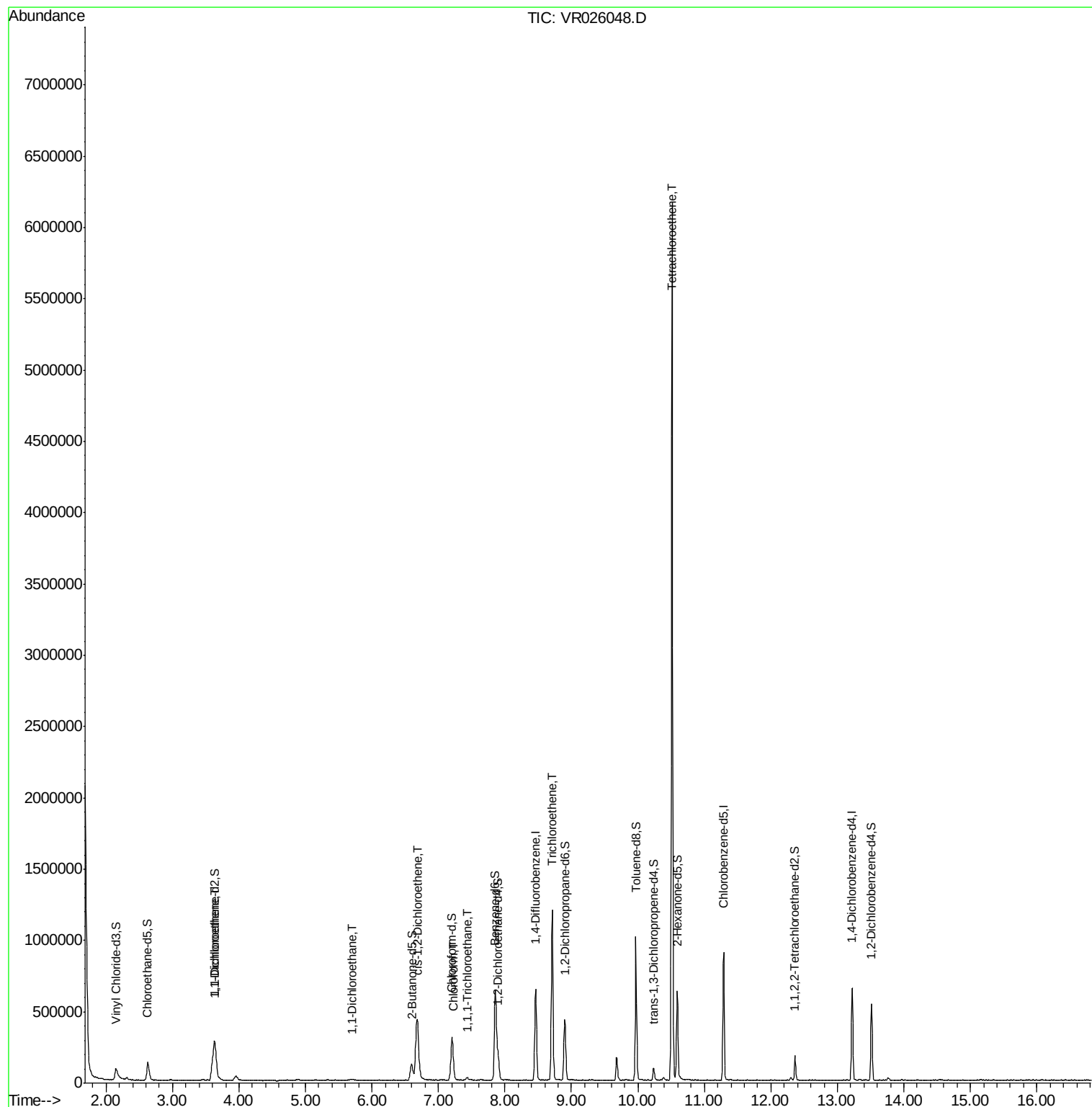
					Qvalue
12) 1,1-Dichloroethene	3.64	96	26812	0.838 ug/L #	1
19) 1,1-Dichloroethane	5.70	63	9973	0.190 ug/L #	94
22) cis-1,2-Dichloroethene	6.67	96	219064	8.232 ug/L	96
25) Chloroform	7.23	83	13904	0.273 ug/L	88
29) 1,1,1-Trichloroethane	7.43	97	15873	0.380 ug/L	92
34) Trichloroethene	8.71	95	364031	11.081 ug/L	93
47) Tetrachloroethene	10.51	164	1004496	49.623 ug/L	91

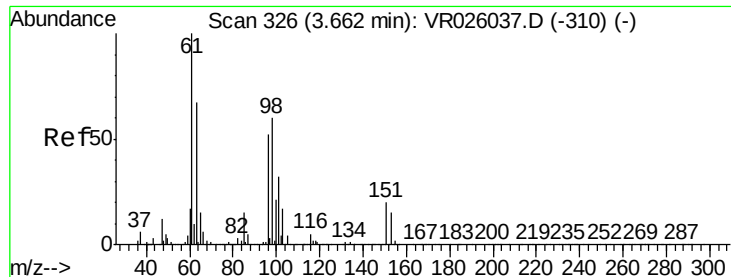
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Oct 12 08:06:28 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.838 ug/L

RT: 3.64 min Scan# 323

Delta R.T. -0.02 min

Lab File: VR026048.D

Acq: 11 Oct 2018 16:55

Instrument :

MSVOA_R

ClientSampleId :

C0JA5

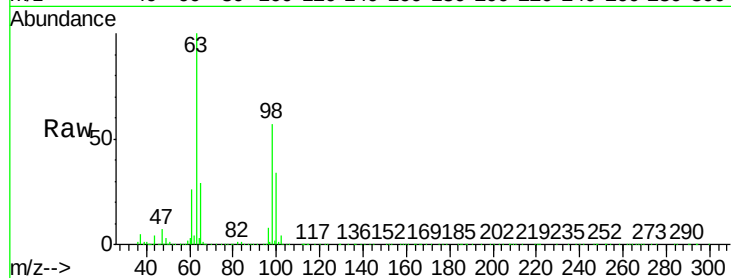
Tgt Ion: 96 Resp: 26812

Ion Ratio Lower Upper

96 100

61 320.0 145.0 269.4#

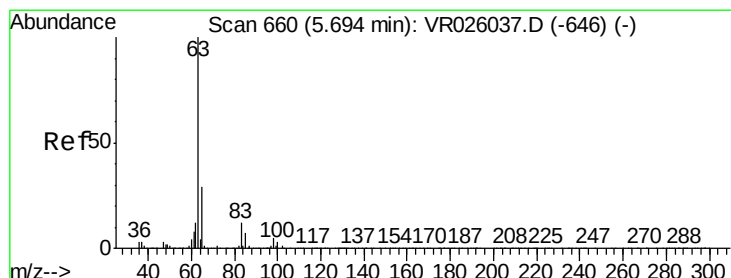
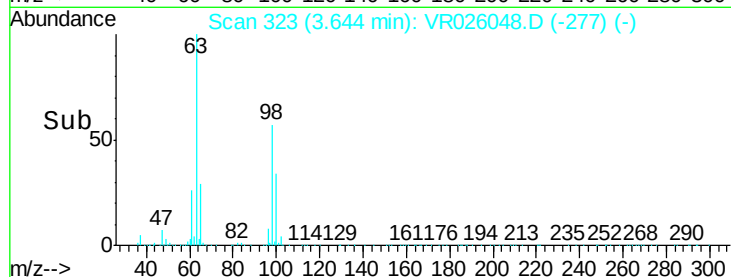
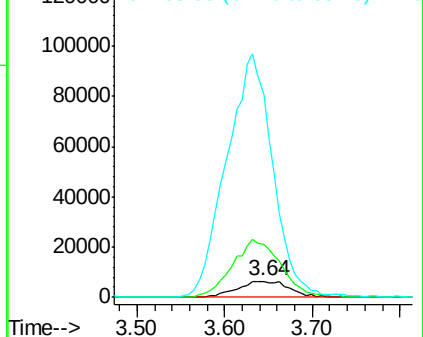
63 1235.2 123.8 230.0#



Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 63.00 (62.70 to 63.70): VR0



#19

1,1-Dichloroethane

Concen: 0.190 ug/L

RT: 5.70 min Scan# 661

Delta R.T. 0.01 min

Lab File: VR026048.D

Acq: 11 Oct 2018 16:55

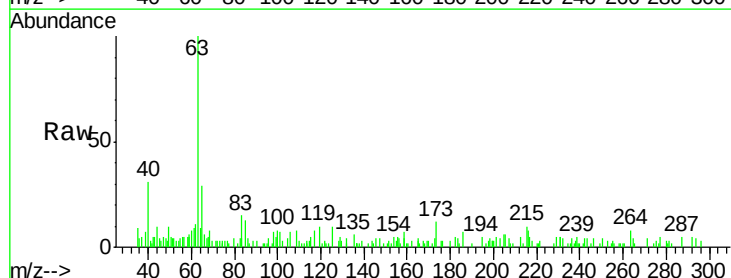
Tgt Ion: 63 Resp: 9973

Ion Ratio Lower Upper

63 100

65 29.0 21.1 39.1

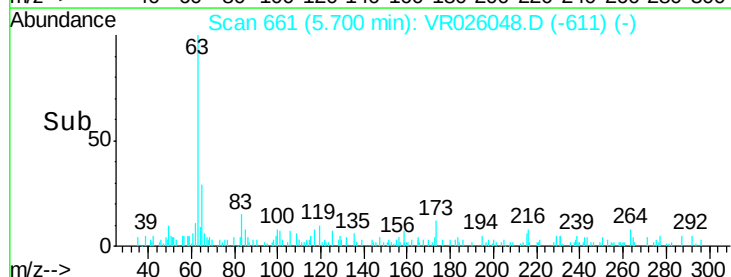
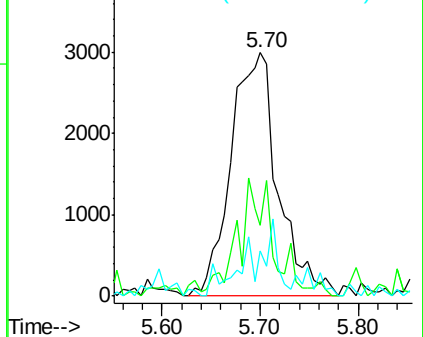
83 18.8 8.9 16.5#

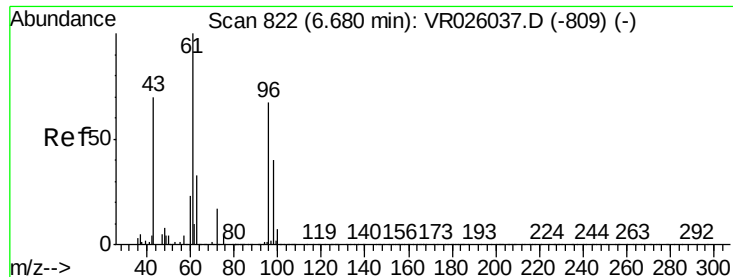


Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 65.10 (64.80 to 65.80): VR0

Ion 83.05 (82.75 to 83.75): VR0



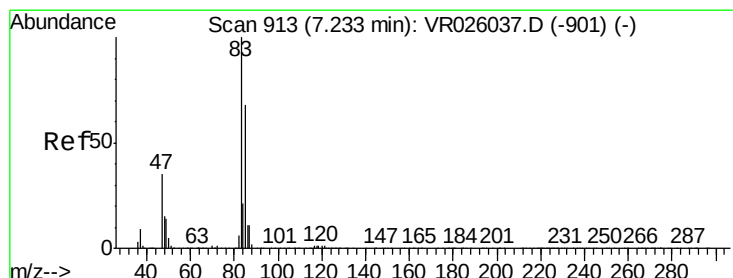
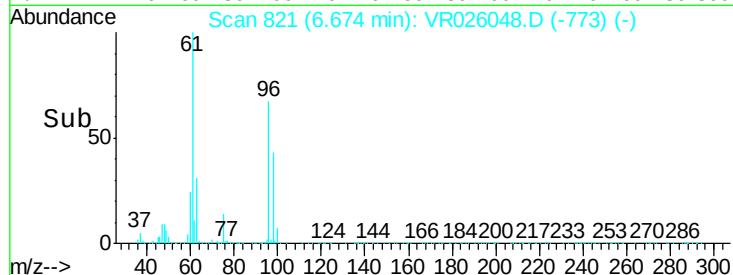
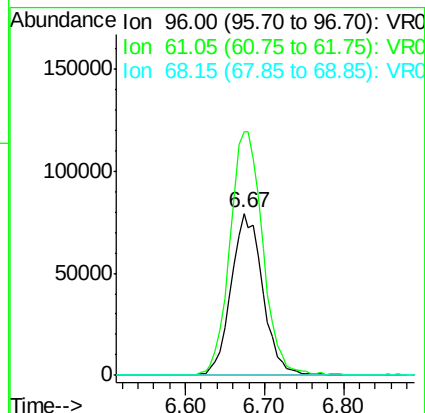
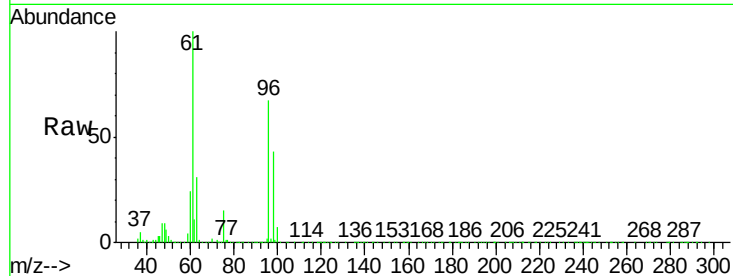


#22

cis-1,2-Dichloroethene
Concen: 8.232 ug/L
RT: 6.67 min Scan# 821
Delta R.T. -0.01 min
Lab File: VR026048.D
Acq: 11 Oct 2018 16:55

Instrument :
MSVOA_R
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C0JA5

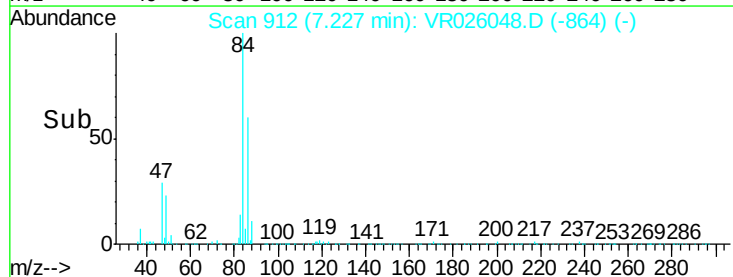
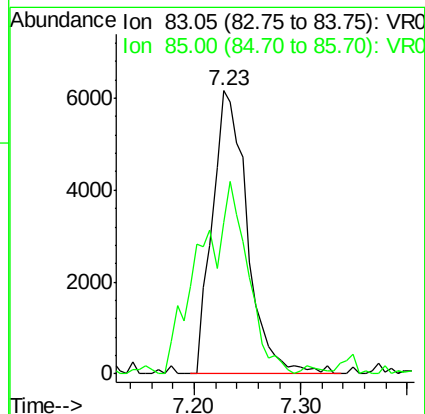
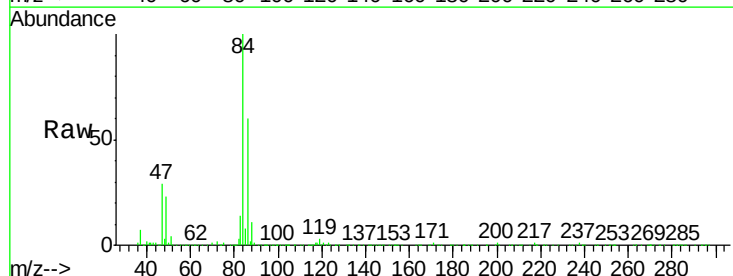
Tgt Ion: 96 Resp: 219064
Ion Ratio Lower Upper
96 100
61 150.2 108.7 201.9
68 0.1 0.1 0.1

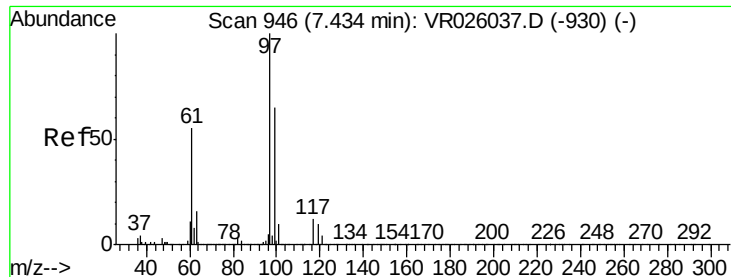


#25

Chloroform
Concen: 0.273 ug/L
RT: 7.23 min Scan# 912
Delta R.T. -0.01 min
Lab File: VR026048.D
Acq: 11 Oct 2018 16:55

Tgt Ion: 83 Resp: 13904
Ion Ratio Lower Upper
83 100
85 53.5 43.8 81.4





#29

1,1,1-Trichloroethane

Concen: 0.380 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.00 min

Lab File: VR026048.D

Acq: 11 Oct 2018 16:55

Instrument :

MSVOA_R

ClientSampleId :

C0JA5

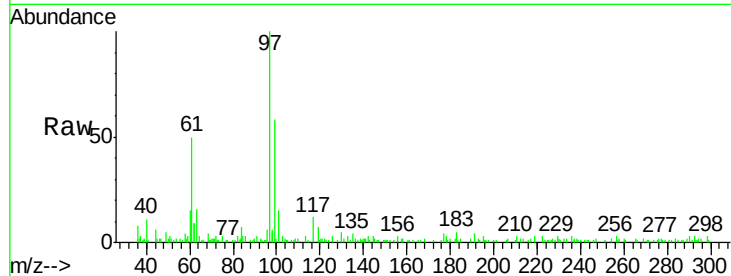
Tgt Ion: 97 Resp: 15873

Ion Ratio Lower Upper

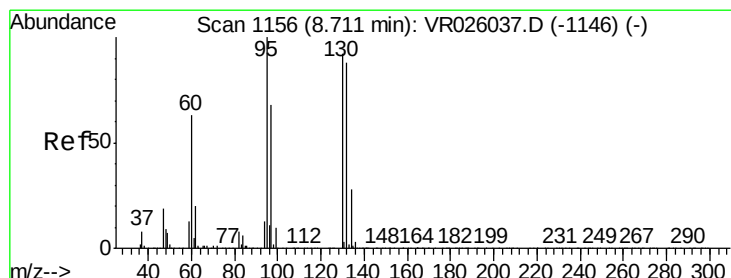
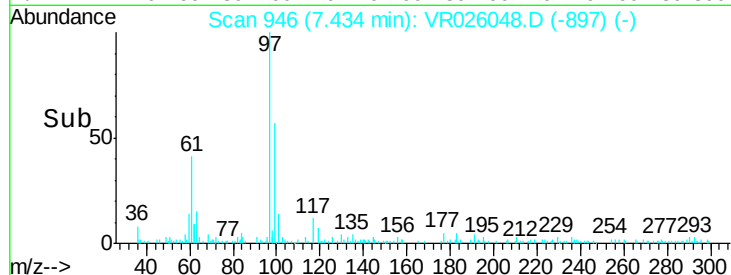
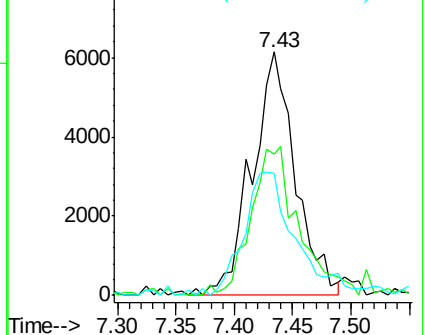
97 100

99 67.1 51.0 76.6

61 60.5 41.6 62.4



Abundance Ion 96.95 (96.65 to 97.65): VR0
Ion 99.05 (98.75 to 99.75): VR0
Ion 61.05 (60.75 to 61.75): VR0



#34

Trichloroethene

Concen: 11.081 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.00 min

Lab File: VR026048.D

Acq: 11 Oct 2018 16:55

Tgt Ion: 95 Resp: 364031

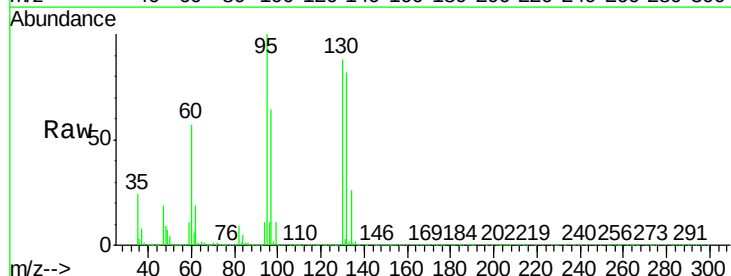
Ion Ratio Lower Upper

95 100

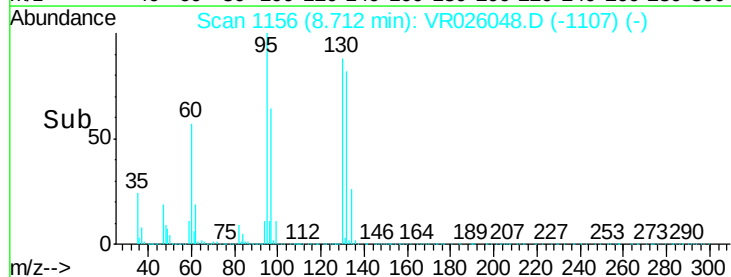
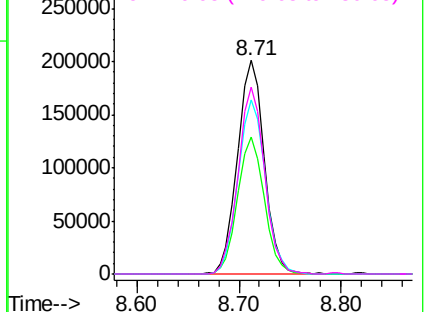
97 64.2 43.9 81.5

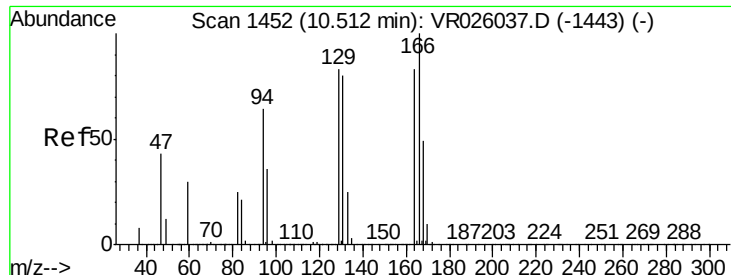
132 81.8 53.3 98.9

130 87.7 53.8 99.8



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: 49.623 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR026048.D

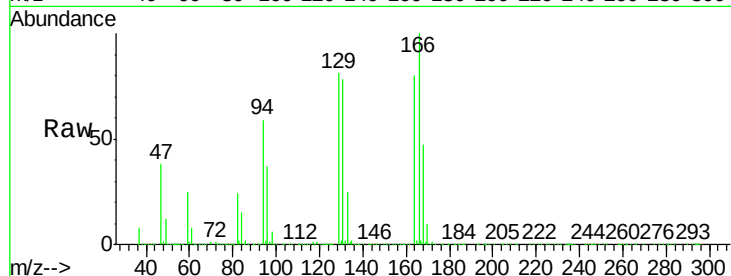
Acq: 11 Oct 2018 16:55

Instrument :

MSVOA_R

ClientSampleId :

C0JA5



Tgt Ion:164 Resp: 1004496

Ion Ratio Lower Upper

164 100

129 101.5 80.8 150.2

131 96.9 74.5 138.3

166 124.7 92.5 171.7

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

