

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025863.D
 Acq On : 26 Sep 2018 15:00
 Operator : SY/MD
 Sample : J5011-11D2 200X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BE9G1

Quant Time: Sep 27 08:19:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 27 07:50:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	380877	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	307135	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	100980	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	86449	3.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	63.40%
7) Chloroethane-d5	2.63	69	77747	3.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	72.60%
11) 1,1-Dichloroethene-d2	3.63	63	156018	2.36	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	47.20%#
20) 2-Butanone-d5	6.59	46	150557	41.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.82%
24) Chloroform-d	7.20	84	182770	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.80%#
26) 1,2-Dichloroethane-d4	7.90	65	82883	3.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.20%#
32) Benzene-d6	7.85	84	352885	3.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	62.00%#
36) 1,2-Dichloropropane-d6	8.90	67	110690	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	71.20%
41) Toluene-d8	9.97	98	295666	2.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	57.60%#
43) trans-1,3-Dichloropropene-	10.24	79	19570	2.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	45.40%#
46) 2-Hexanone-d5	10.59	63	107666	37.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	42839	3.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	72.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	54463	3.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	63.00%#

Target Compounds

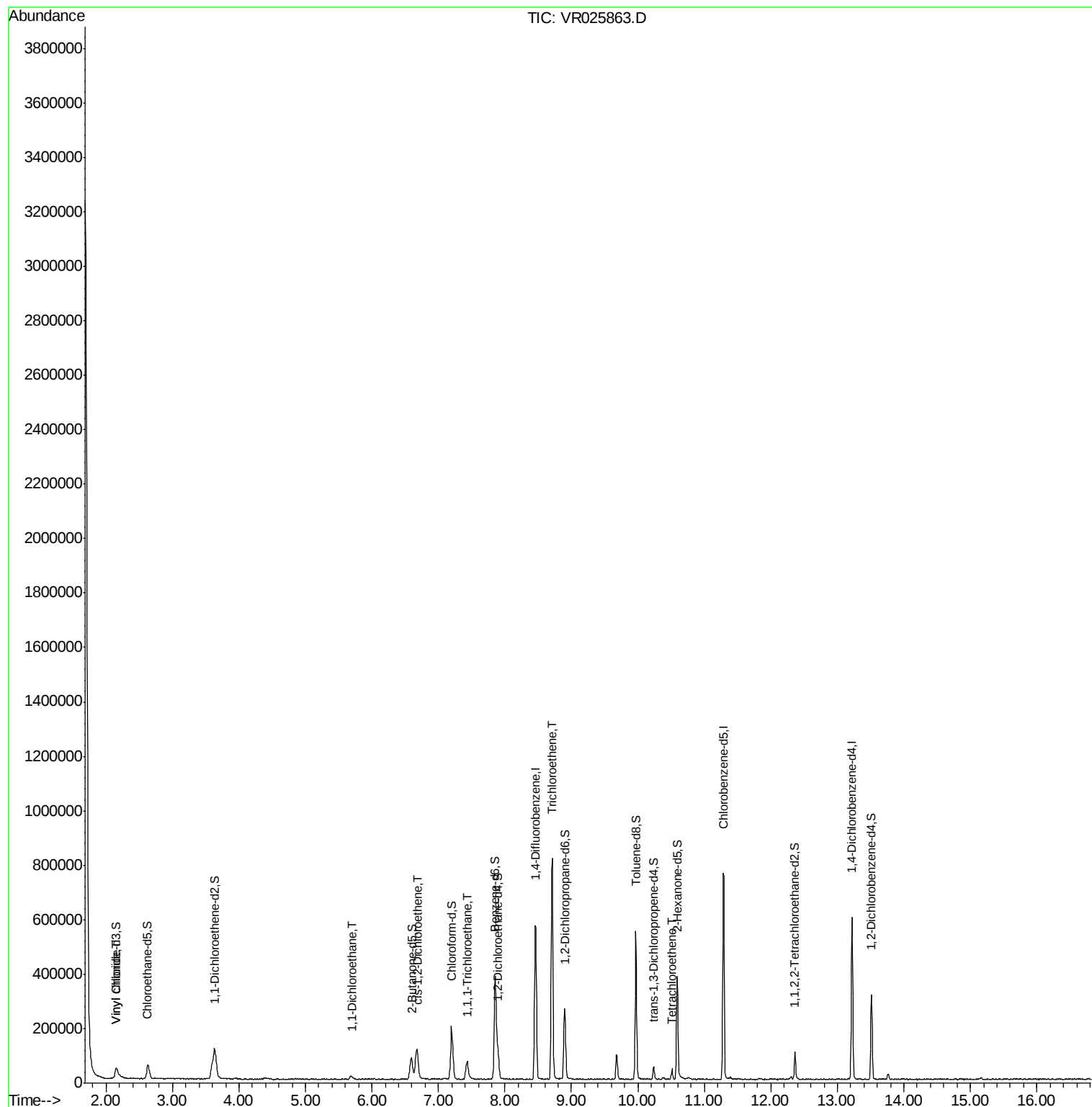
					Ovalue
5) Vinyl chloride	2.16	62	6523	0.159 ug/L #	77
19) 1,1-Dichloroethane	5.70	63	17622	0.232 ug/L	91
22) cis-1,2-Dichloroethene	6.67	96	54802	1.464 ug/L #	96
29) 1,1,1-Trichloroethane	7.43	97	56420	0.910 ug/L	95
34) Trichloroethene	8.71	95	267744	6.257 ug/L	97
47) Tetrachloroethene	10.51	164	6298	0.257 ug/L	81

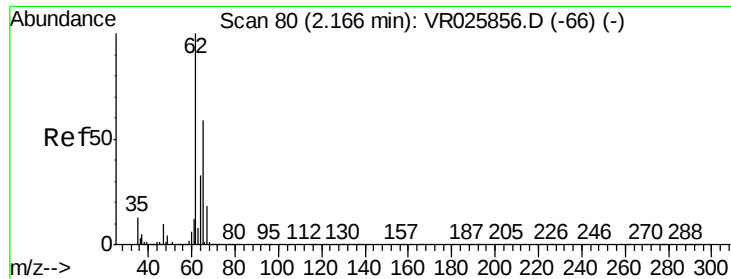
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 0.159 ug/L

RT: 2.16 min Scan# 79

Delta R.T. -0.01 min

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ClientSampleID :

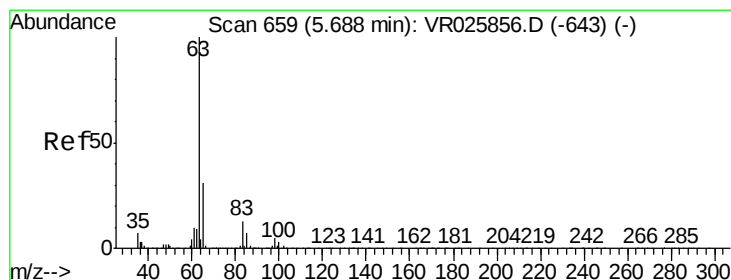
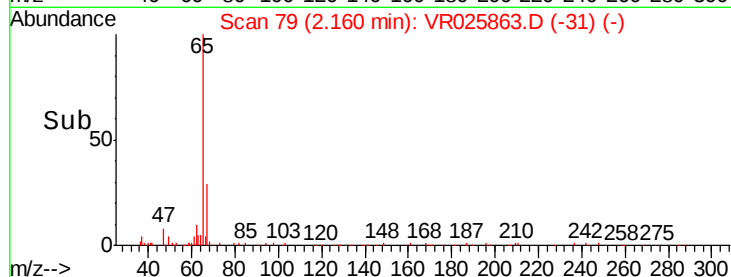
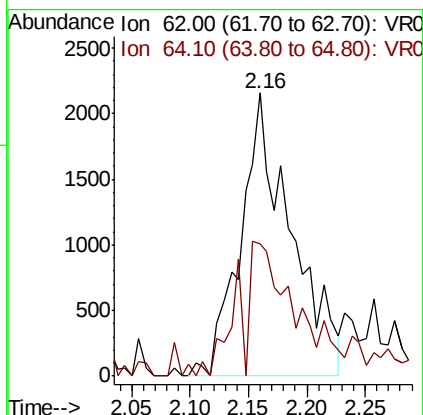
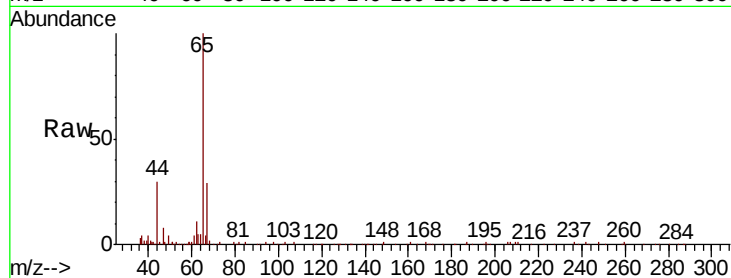
BE9G1

Tot Ion: 62 Resp: 6523

Ion Ratio Lower Upper

62 100

64 46.6 23.5 43.7#



#19

1,1-Dichloroethane

Concen: 0.232 ug/L

RT: 5.70 min Scan# 661

Delta R.T. 0.01 min

Lab File: VR025863.D

Acq: 26 Sep 2018 15:00

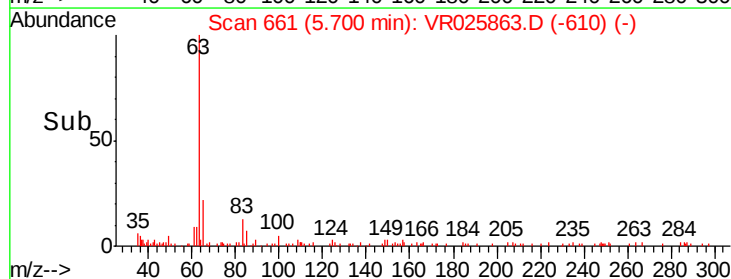
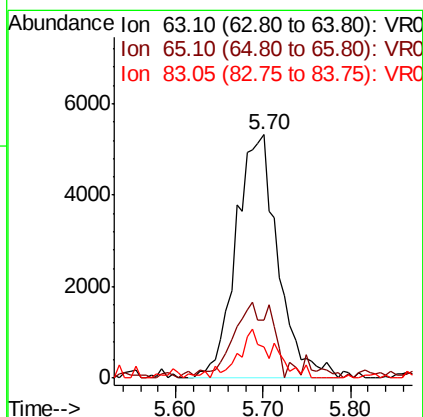
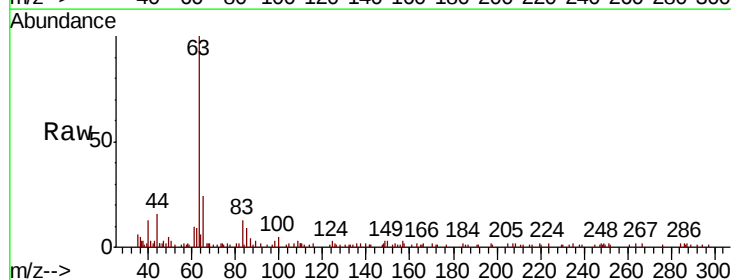
Tgt Ion: 63 Resp: 17622

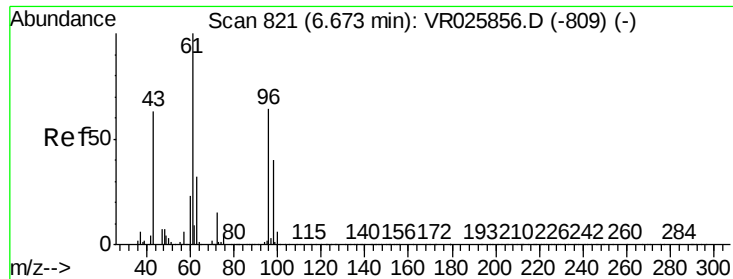
Ion Ratio Lower Upper

63 100

65 23.6 21.1 39.1

83 12.5 8.9 16.5





#22

cis-1,2-Dichloroethene

Concen: 1.464 ug/L

RT: 6.67 min Scan# 821

Delta R.T. 0.00 min

Lab File: VR025863.D

Acq: 26 Sep 2018 15:00

Instrument :

MSVOA_R

ClientSampleId :

BE9G1

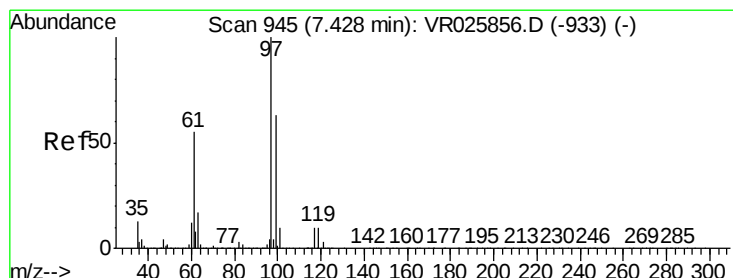
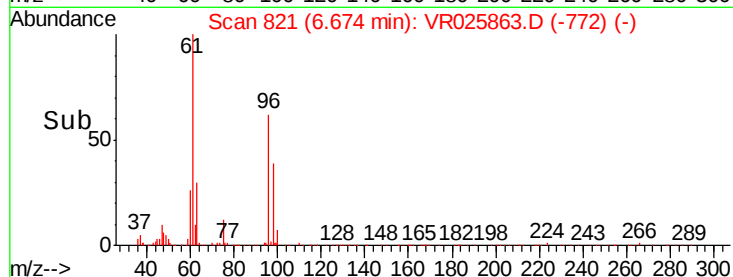
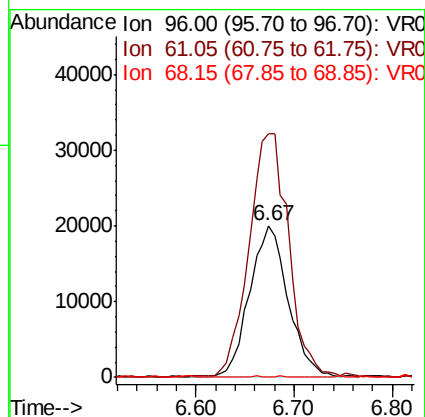
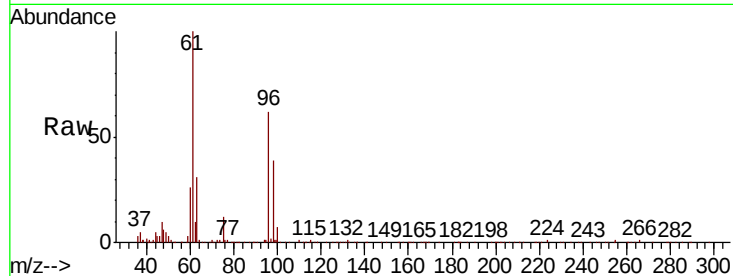
Tot Ion: 96 Resp: 54802

Ion Ratio Lower Upper

96 100

61 160.4 108.7 201.9

68 0.4 0.1 0.1#



#29

1,1,1-Trichloroethane

Concen: 0.910 ug/L

RT: 7.43 min Scan# 946

Delta R.T. 0.01 min

Lab File: VR025863.D

Acq: 26 Sep 2018 15:00

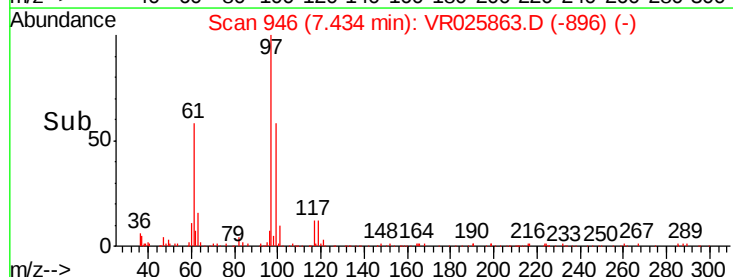
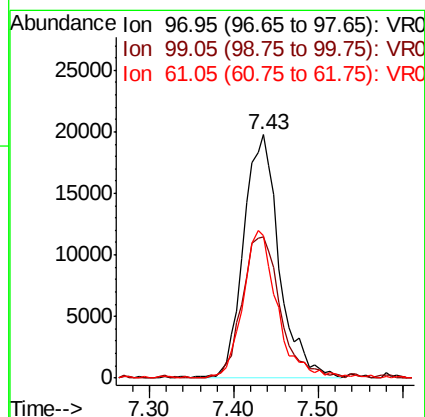
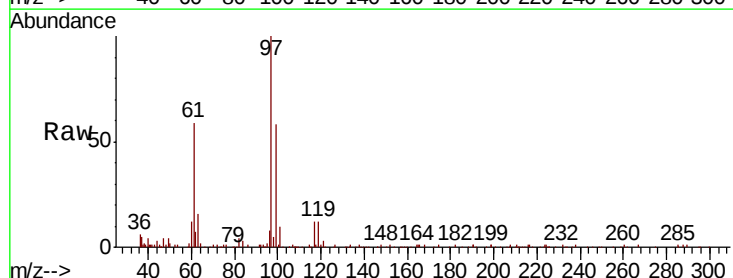
Tgt Ion: 97 Resp: 56420

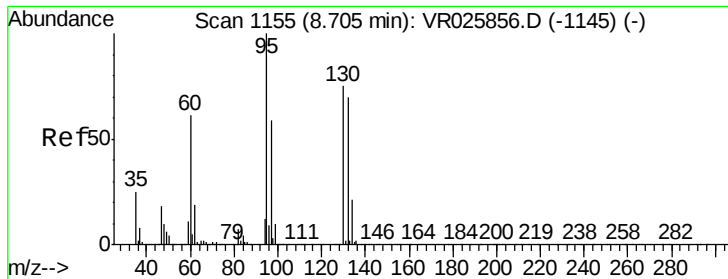
Ion Ratio Lower Upper

97 100

99 62.3 51.0 76.6

61 58.3 41.6 62.4





#34

Trichloroethene

Concen: 6.257 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VR025863.D

Acq: 26 Sep 2018 15:00

Instrument :

MSVOA_R

ClientSampleId :

BE9G1

Tot Ion: 95 Resp: 267744

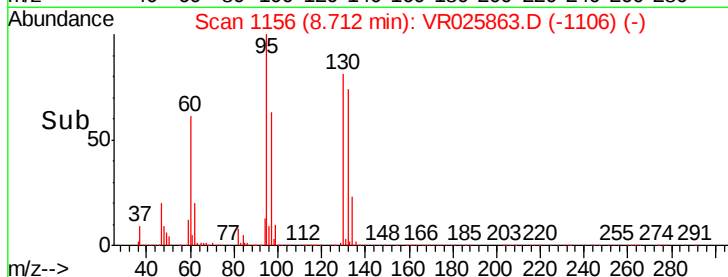
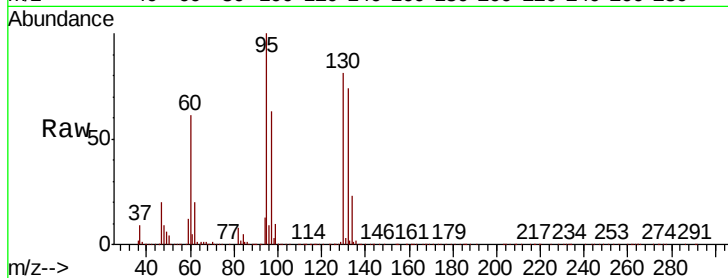
Ion Ratio Lower Upper

95 100

97 63.1 43.9 81.5

132 73.6 53.3 98.9

130 80.9 53.8 99.8

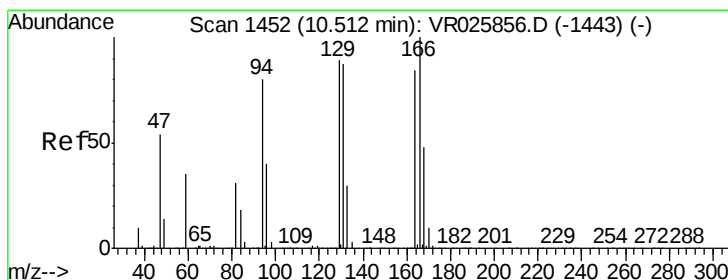
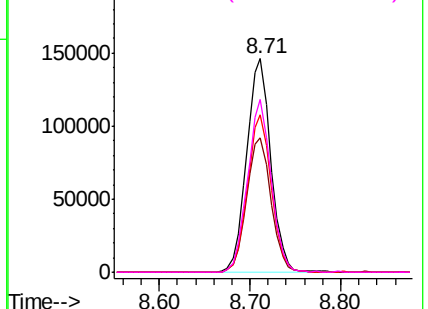


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.257 ug/L

RT: 10.51 min Scan# 1451

Delta R.T. -0.01 min

Lab File: VR025863.D

Acq: 26 Sep 2018 15:00

Tgt Ion: 164 Resp: 6298

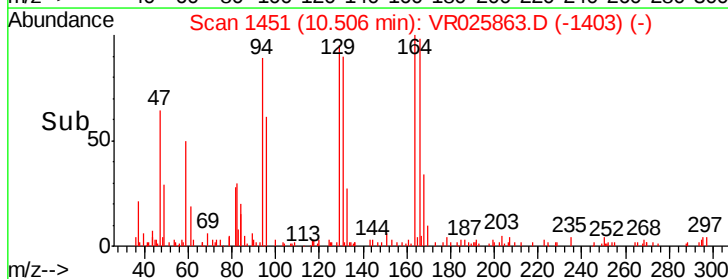
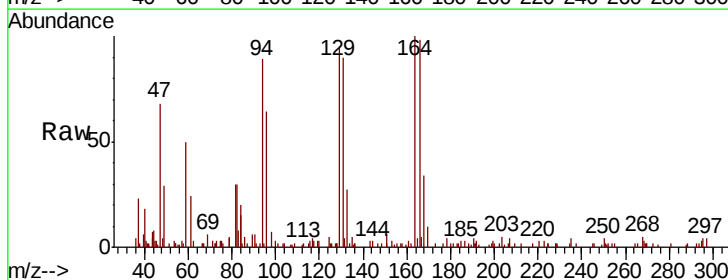
Ion Ratio Lower Upper

164 100

129 94.9 80.8 150.2

131 94.2 74.5 138.3

166 102.3 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

