

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092618\
 Data File : VR025860.D
 Acq On : 26 Sep 2018 13:09
 Operator : SY/MD
 Sample : J5011-10
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BE9G2

Quant Time: Sep 27 08:12:05 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	370999	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	305707	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	95837	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	118576	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	2.63	69	105075	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.80%
11) 1,1-Dichloroethene-d2	3.63	63	230906	3.59	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	6.59	46	190133	53.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.38%
24) Chloroform-d	7.20	84	240444	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.20%
26) 1,2-Dichloroethane-d4	7.89	65	108070	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
32) Benzene-d6	7.85	84	492829	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	8.90	67	141807	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	9.97	98	413693	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	10.24	79	23558	2.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	55.00%
46) 2-Hexanone-d5	10.59	63	135207	47.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	54311	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	68489	4.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.60%

Target Compounds

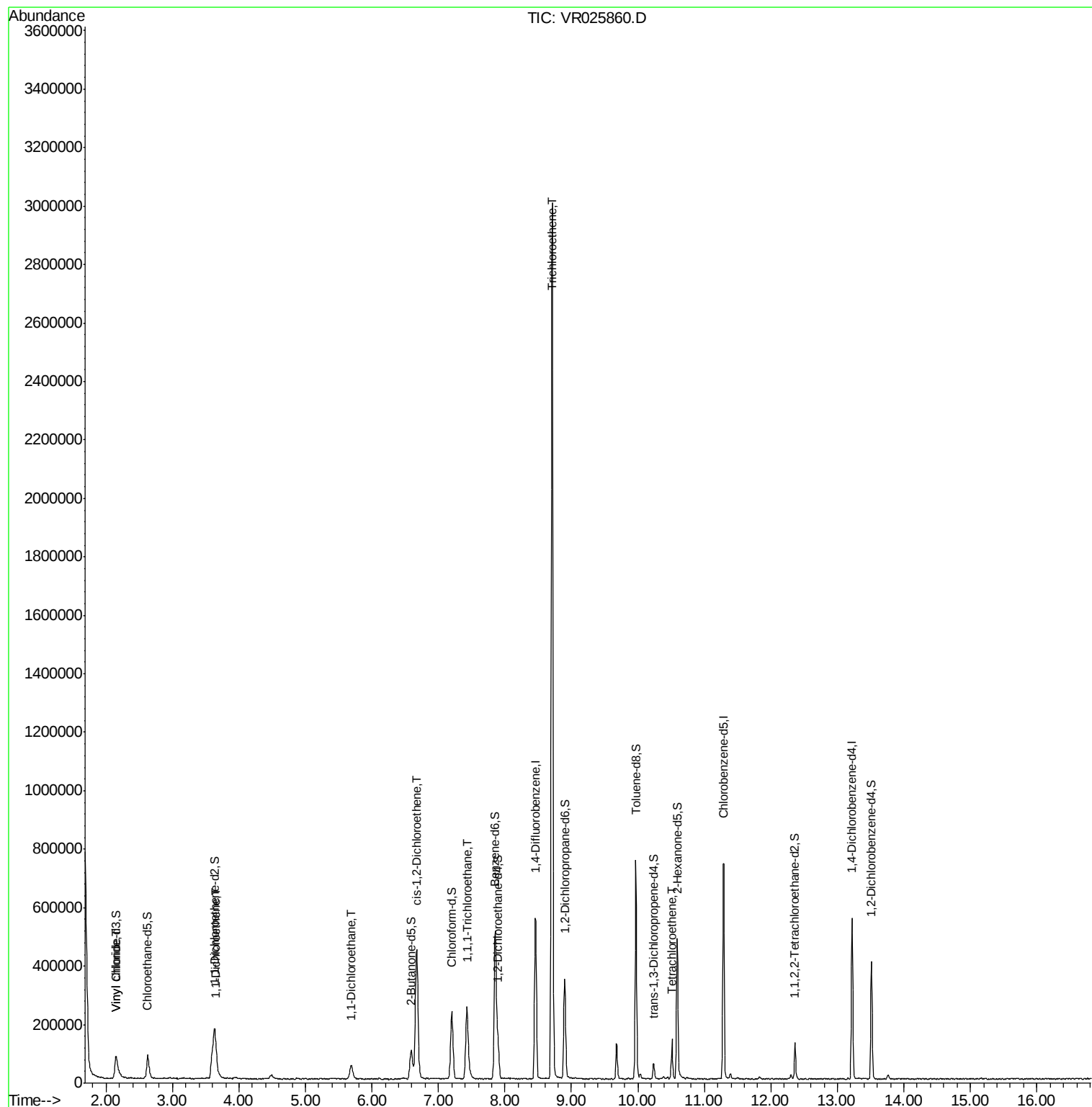
					Ovalue
5) Vinyl chloride	2.15	62	50758	1.274	ug/L 100
12) 1,1-Dichloroethene	3.66	96	25904	0.809	ug/L # 35
19) 1,1-Dichloroethane	5.69	63	70684	0.955	ug/L 96
22) cis-1,2-Dichloroethene	6.67	96	229695	6.298	ug/L # 99
29) 1,1,1-Trichloroethane	7.43	97	204183	3.307	ug/L 96
34) Trichloroethene	8.71	95	968496	22.737	ug/L 97
47) Tetrachloroethene	10.51	164	20331	0.835	ug/L 94

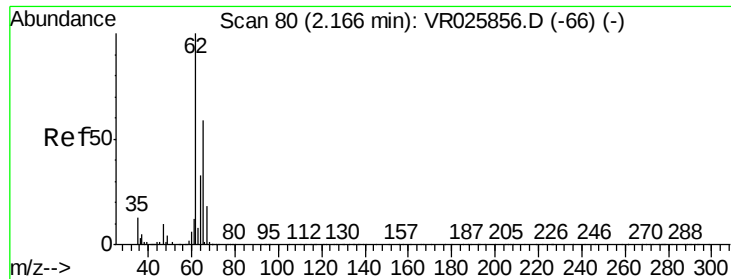
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 27 07:50:08 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 1.274 ug/L

RT: 2.15 min Scan# 78

Delta R.T. -0.01 min

Lab File: VR025860.D

Acq: 26 Sep 2018 13:09

Instrument :

MSVOA_R

ClientSampleId :

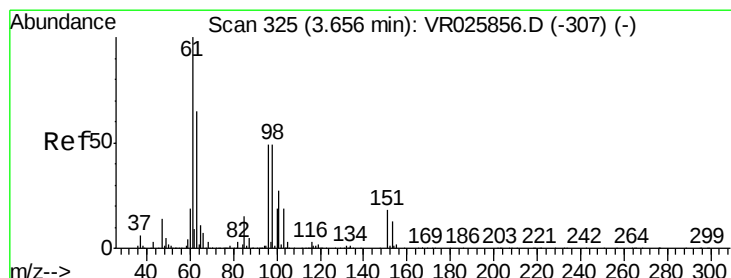
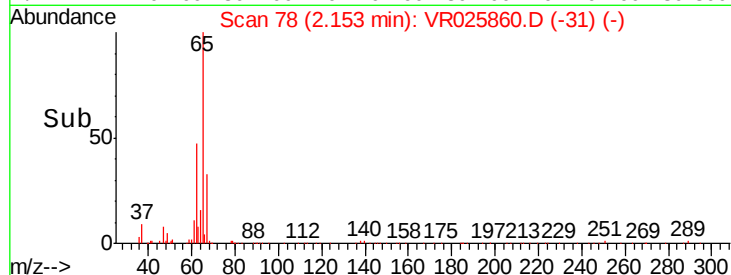
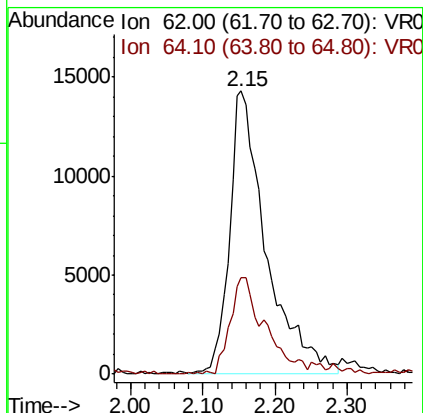
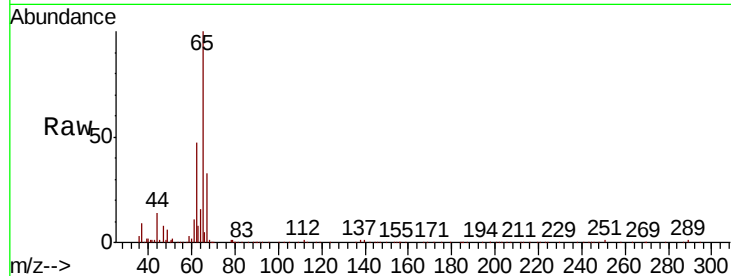
BE9G2

Tot Ion: 62 Resp: 50758

Ion Ratio Lower Upper

62 100

64 33.9 23.5 43.7



#12

1,1-Dichloroethene

Concen: 0.809 ug/L

RT: 3.66 min Scan# 325

Delta R.T. 0.00 min

Lab File: VR025860.D

Acq: 26 Sep 2018 13:09

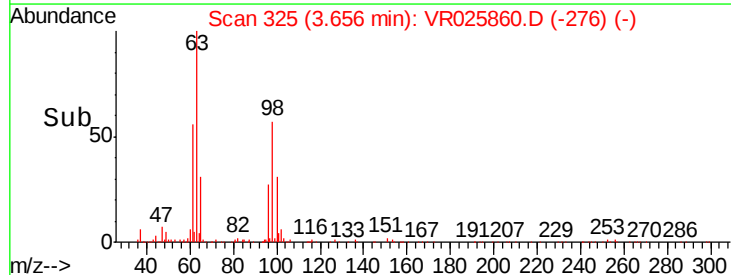
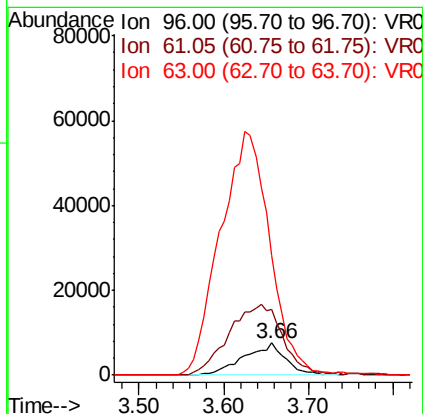
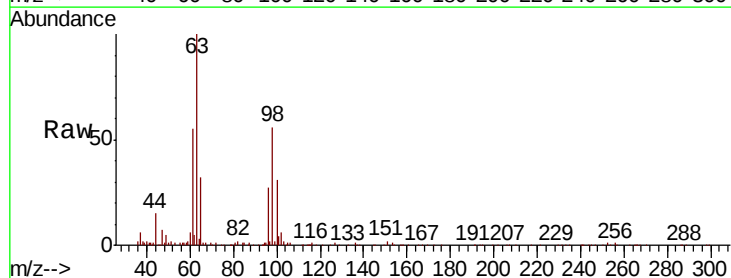
Tgt Ion: 96 Resp: 25904

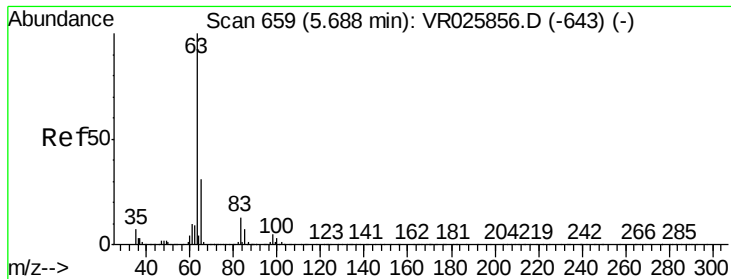
Ion Ratio Lower Upper

96 100

61 207.3 145.0 269.4

63 374.8 123.8 230.0#

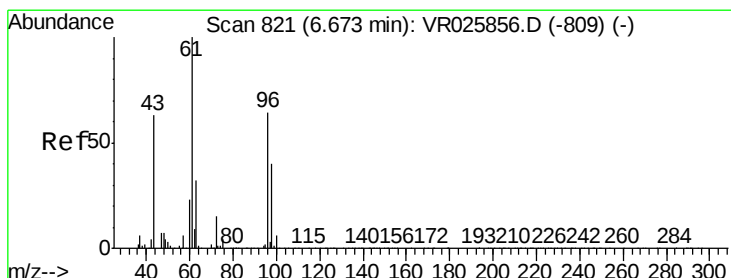
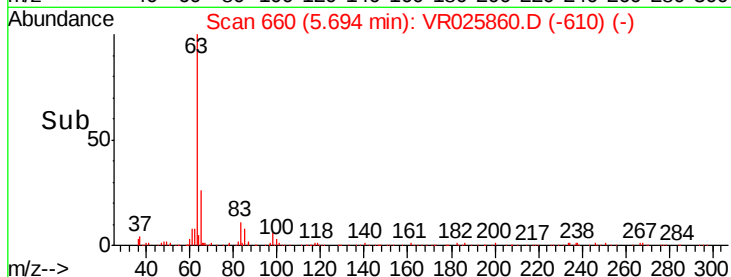
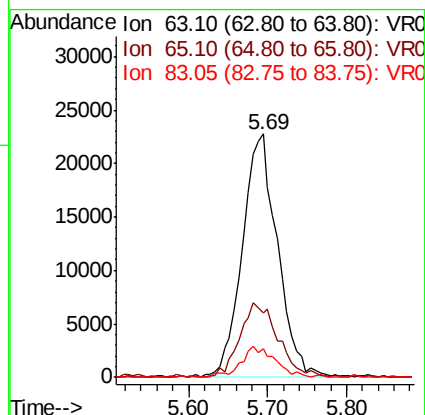
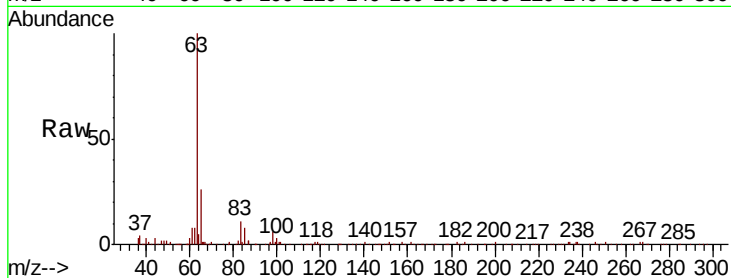




#19
 1,1-Dichloroethane
 Concen: 0.955 ug/L
 RT: 5.69 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VR025860.D
 Acq: 26 Sep 2018 13:09

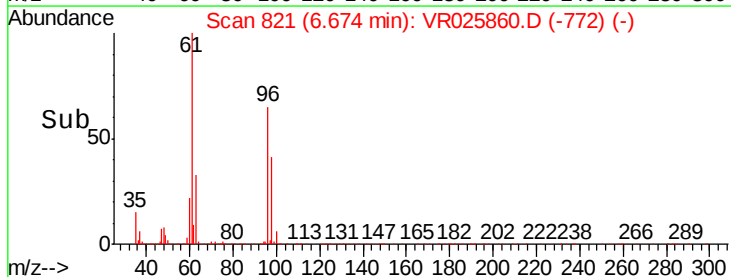
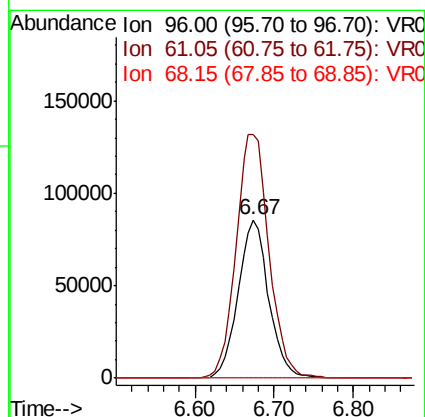
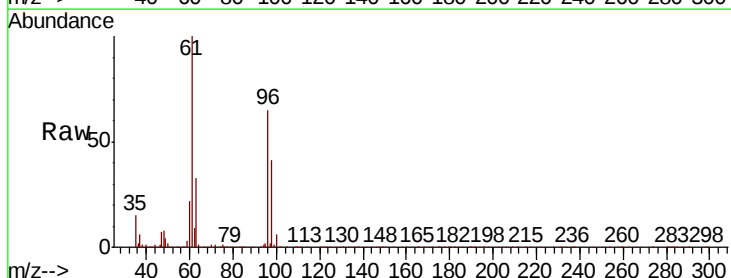
Instrument :
 MSVOA_R
 ClientSampleId :
 BE9G2

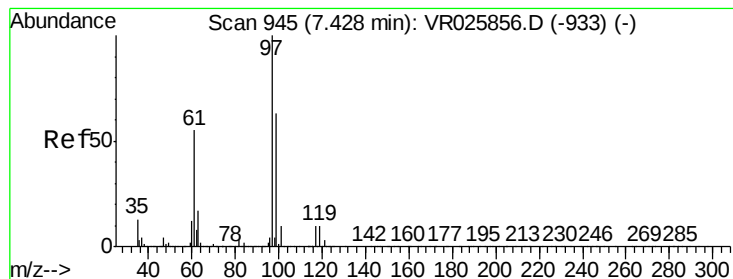
Tot Ion	Ratio	Lower	Upper
63	100		
65	27.2	21.1	39.1
83	11.7	8.9	16.5



#22
 cis-1,2-Dichloroethene
 Concen: 6.298 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: VR025860.D
 Acq: 26 Sep 2018 13:09

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.7	108.7	201.9
68	0.3	0.1	0.1#





#29

1,1,1-Trichloroethane

Concen: 3.307 ug/L

RT: 7.43 min Scan# 945

Delta R.T. 0.00 min

Lab File: VR025860.D

Acq: 26 Sep 2018 13:09

Instrument :

MSVOA_R

ClientSampleId :

BE9G2

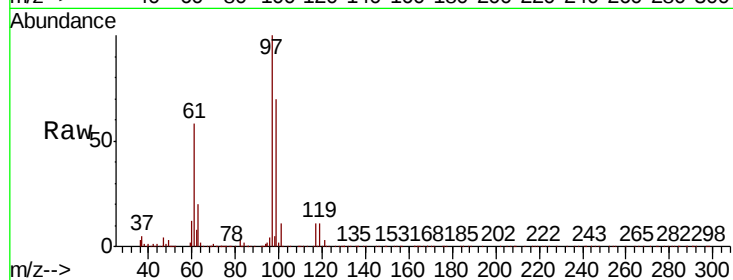
Tot Ion: 97 Resp: 204183

Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.6

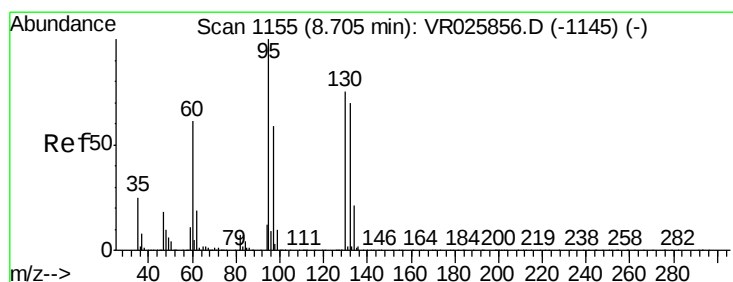
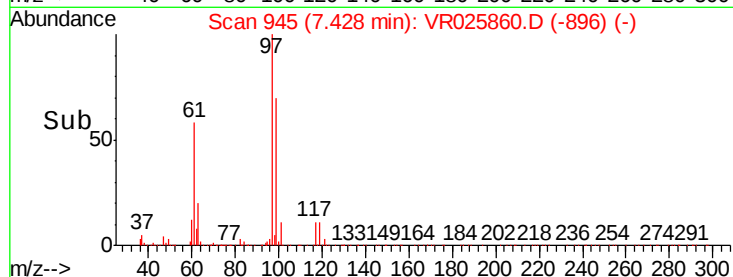
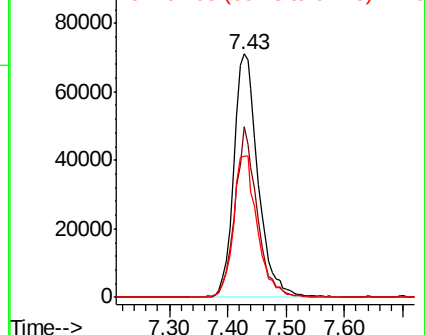
61 57.8 41.6 62.4



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: 22.737 ug/L

RT: 8.71 min Scan# 1156

Delta R.T. 0.01 min

Lab File: VR025860.D

Acq: 26 Sep 2018 13:09

Tgt Ion: 95 Resp: 968496

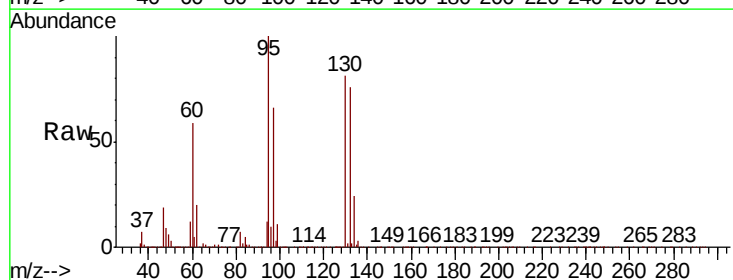
Ion Ratio Lower Upper

95 100

97 65.6 43.9 81.5

132 75.9 53.3 98.9

130 81.4 53.8 99.8

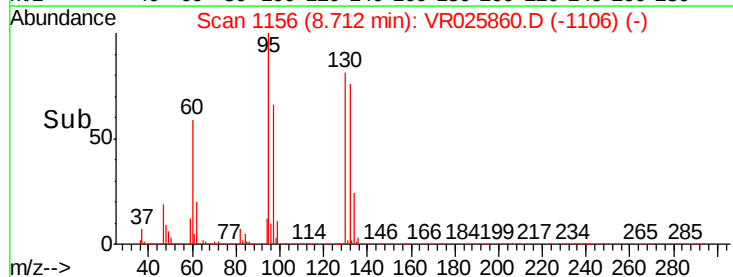
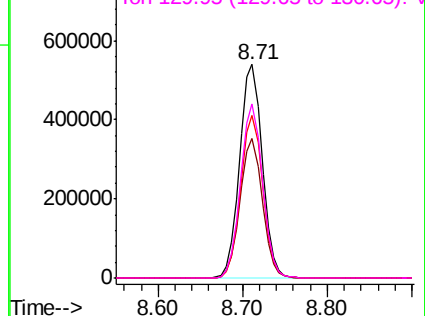


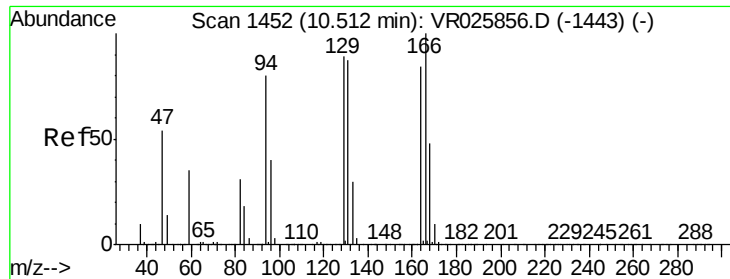
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.835 ug/L

RT: 10.51 min Scan# 1452

Delta R.T. 0.00 min

Lab File: VR025860.D

Acq: 26 Sep 2018 13:09

Instrument :

MSVOA_R

ClientSampleId :

BE9G2

Tot Ion:164 Resp: 20331

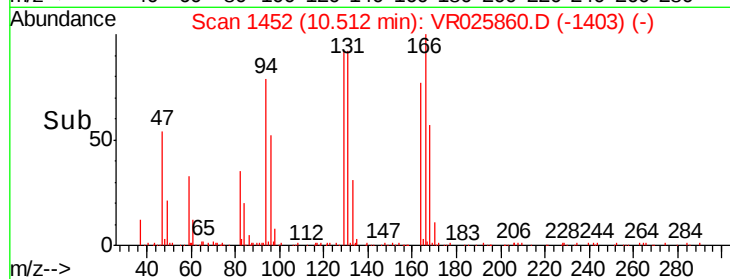
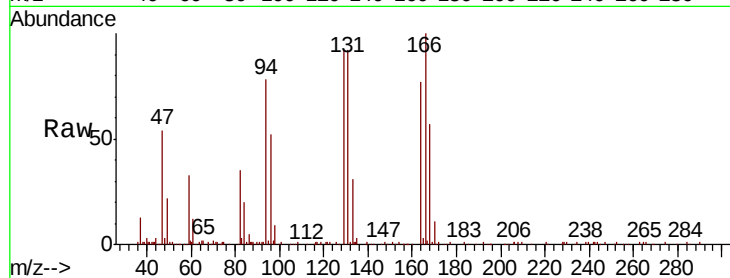
Ion Ratio Lower Upper

164 100

129 119.9 80.8 150.2

131 118.7 74.5 138.3

166 129.7 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

