

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091318\
 Data File : VR025723.D
 Acq On : 13 Sep 2018 20:25
 Operator : SY/MD
 Sample : J4887-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ8

Quant Time: Sep 14 08:32:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR090718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 14 06:42:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	666948	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	559120	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	174468	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	184922	6.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.60%
7) Chloroethane-d5	2.63	69	146705	6.18	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	123.60%
11) 1,1-Dichloroethene-d2	3.64	63	720489	9.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	181.80%#
20) 2-Butanone-d5	6.60	46	144831	49.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.96%
24) Chloroform-d	7.20	84	352008	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
26) 1,2-Dichloroethane-d4	7.90	65	126865	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	7.86	84	877152	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
36) 1,2-Dichloropropane-d6	8.90	67	238569	5.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	117.20%
41) Toluene-d8	9.97	98	793219	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	10.24	79	43840	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	10.59	63	161758	53.82	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.64%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89936	5.05	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	169521	6.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	137.20%#

Target Compounds

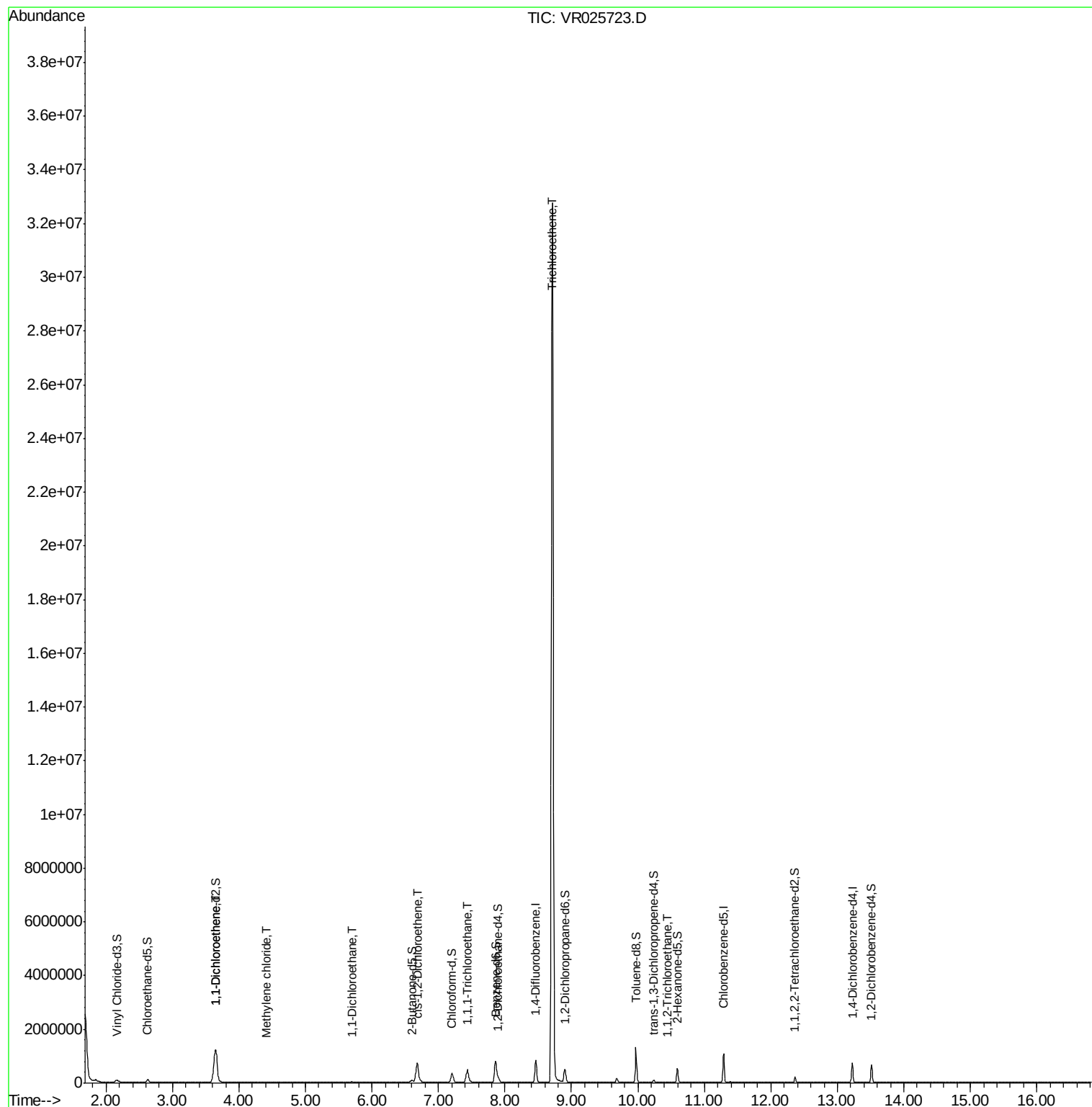
					Ovalue
12) 1,1-Dichloroethene	3.66	96	718221	16.51	ug/L # 67
16) Methylene chloride	4.42	84	10332	0.27	ug/L 93
19) 1,1-Dichloroethane	5.71	63	34143	0.42	ug/L 87
22) cis-1,2-Dichloroethene	6.68	96	440996	9.53	ug/L # 100
29) 1,1,1-Trichloroethane	7.43	97	415061	7.45	ug/L 99
34) Trichloroethene	8.71	95	11382727	235.77	ug/L 84
45) 1,1,2-Trichloroethane	10.45	97	4613	0.22	ug/L 88

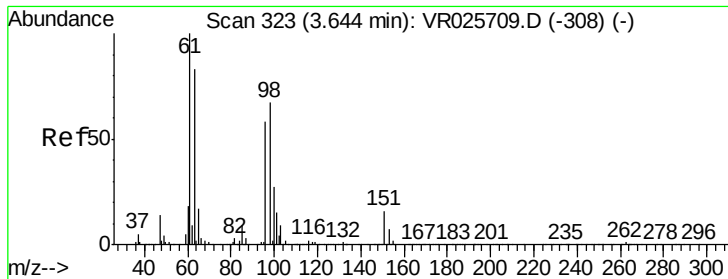
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 14 06:42:34 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 16.51 ug/L

RT: 3.66 min Scan# 325

Delta R.T. 0.01 min

Lab File: VR025723.D

Acq: 13 Sep 2018 20:25

Instrument :

MSVOA_R

ClientSampleID :

C0KQ8

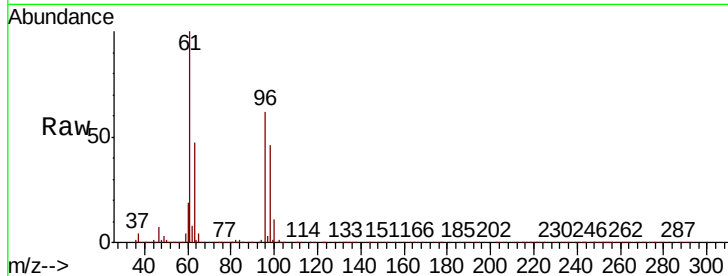
Tot Ion: 96 Resp: 718221

Ion Ratio Lower Upper

96 100

61 161.5 128.4 238.4

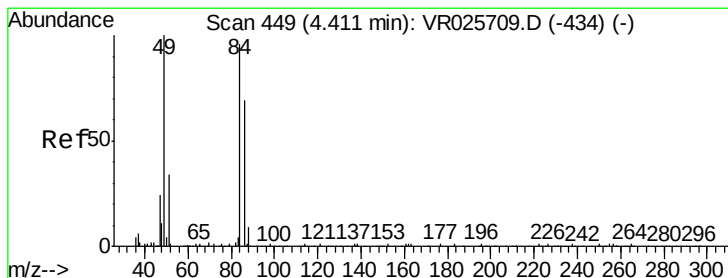
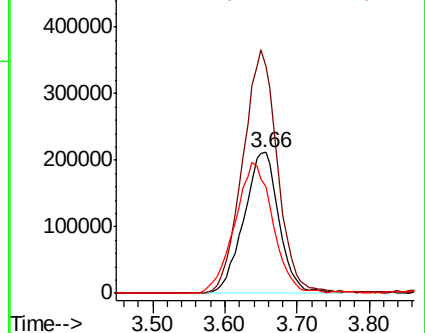
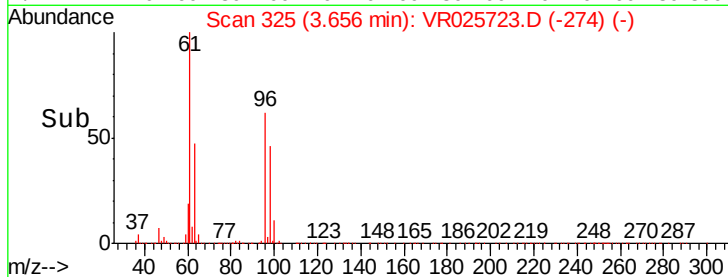
63 75.5 101.1 187.7#



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



#16

Methylene chloride

Concen: 0.27 ug/L

RT: 4.42 min Scan# 450

Delta R.T. 0.01 min

Lab File: VR025723.D

Acq: 13 Sep 2018 20:25

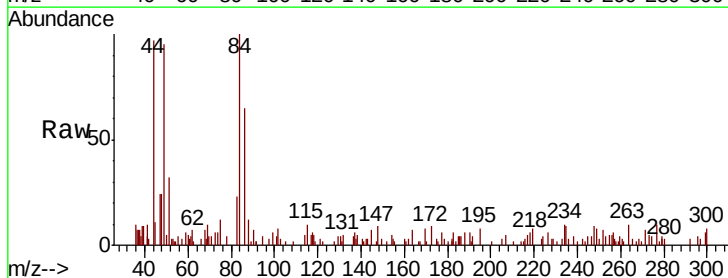
Tgt Ion: 84 Resp: 10332

Ion Ratio Lower Upper

84 100

86 65.1 46.5 86.3

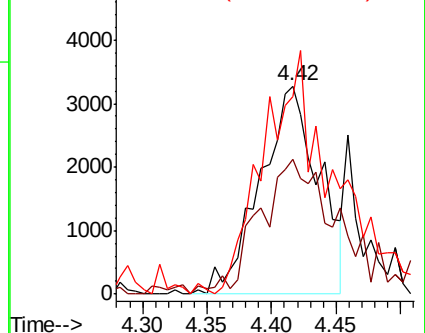
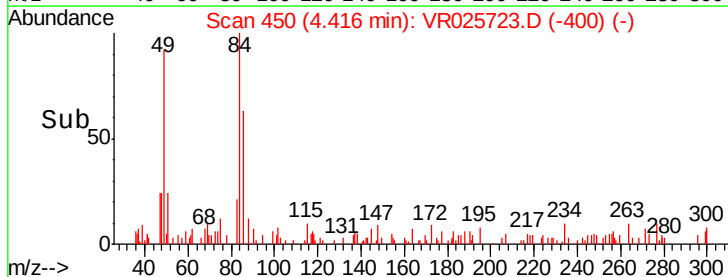
49 99.3 77.4 143.8

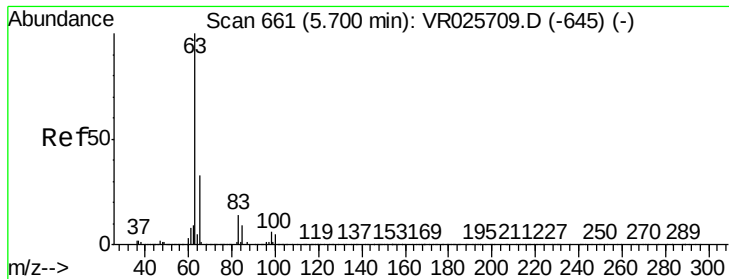


Abundance Ion 84.05 (83.75 to 84.75): VR0

Ion 86.00 (85.70 to 86.70): VR0

Ion 49.10 (48.80 to 49.80): VR0

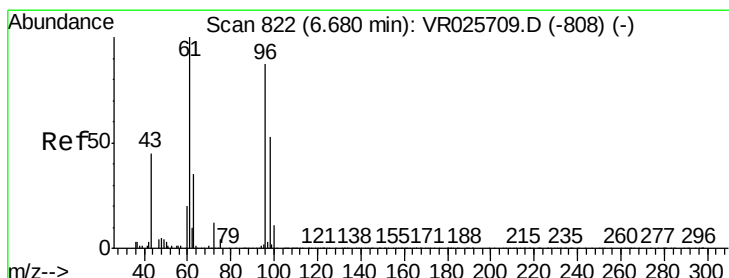
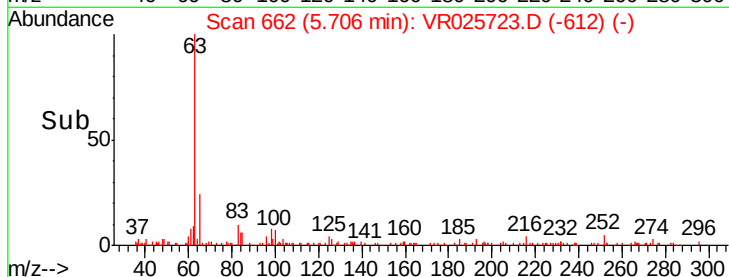
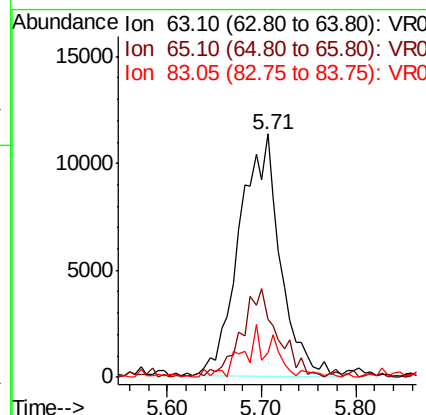
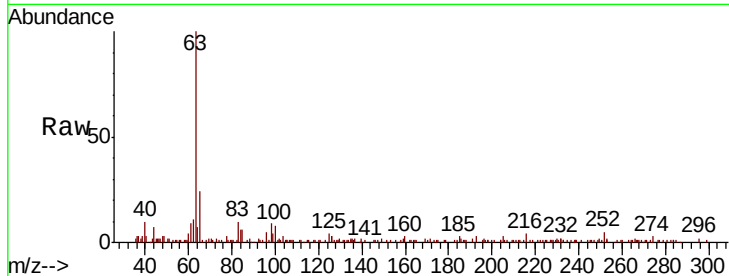




#19
 1,1-Dichloroethane
 Concen: 0.42 ug/L
 RT: 5.71 min Scan# 662
 Delta R.T. 0.01 min
 Lab File: VR025723.D
 Acq: 13 Sep 2018 20:25

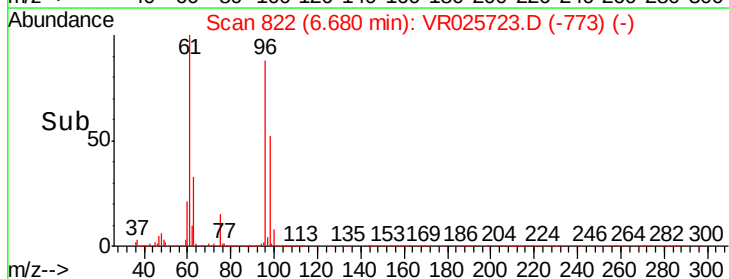
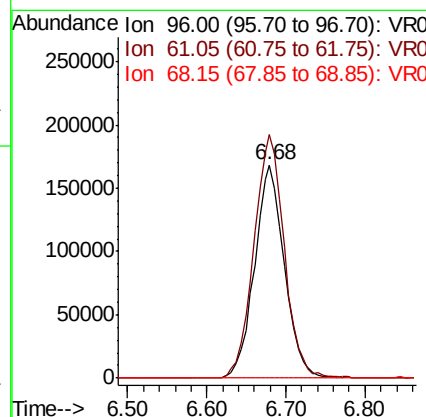
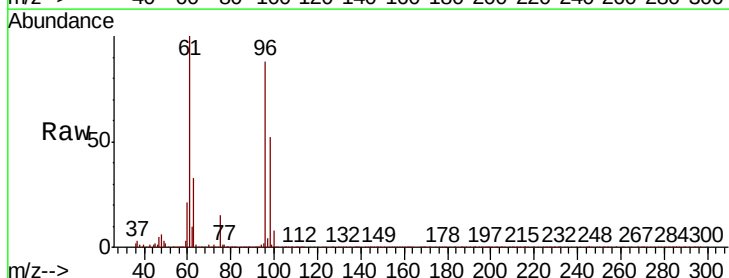
Instrument :
 MSVOA_R
 ClientSampleId :
 C0KQ8

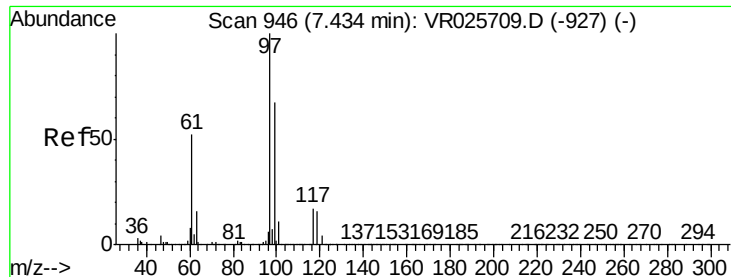
Tot Ion	Ratio	Lower	Upper
63	100		
65	22.3	21.9	40.7
83	9.6	7.6	14.2



#22
 cis-1,2-Dichloroethene
 Concen: 9.53 ug/L
 RT: 6.68 min Scan# 822
 Delta R.T. -0.00 min
 Lab File: VR025723.D
 Acq: 13 Sep 2018 20:25

Tgt Ion	Ratio	Lower	Upper
96	100		
61	114.1	79.9	148.5
68	0.1	0.2	0.4#

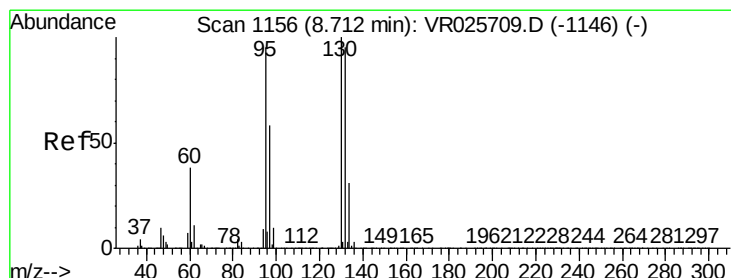
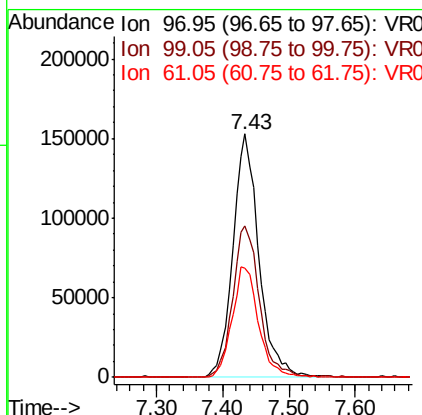
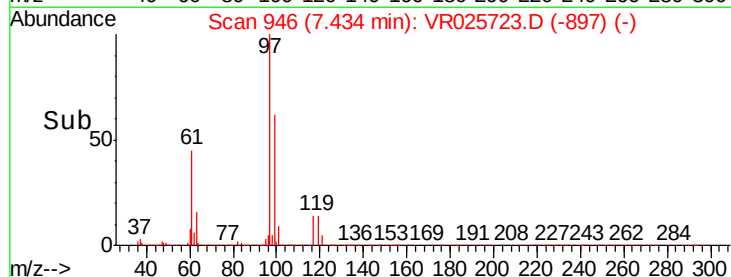
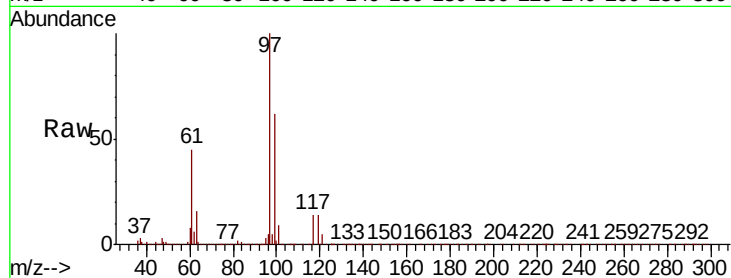




#29
1,1,1-Trichloroethane
Concen: 7.45 ug/L
RT: 7.43 min Scan# 946
Delta R.T. -0.00 min
Lab File: VR025723.D
Acq: 13 Sep 2018 20:25

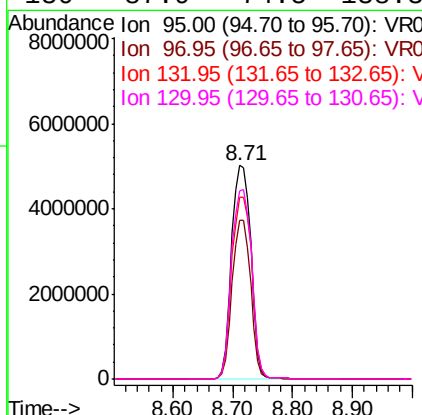
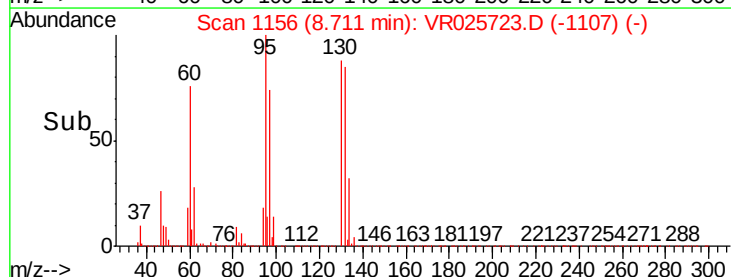
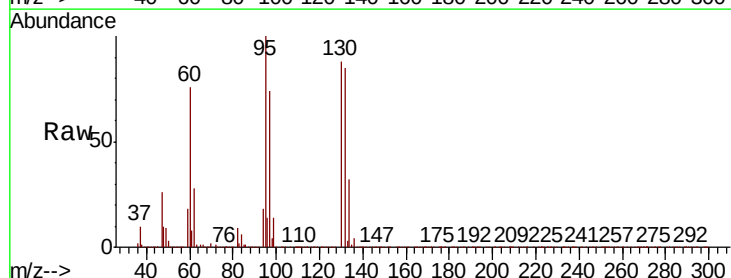
Instrument :
MSVOA_R
ClientSampleId :
C0KQ8

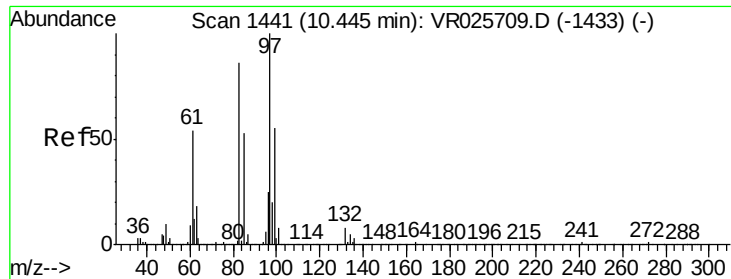
Tot Ion: 97 Resp: 415061
Ion Ratio Lower Upper
97 100
99 63.7 51.3 76.9
61 46.1 36.2 54.4



#34
Trichloroethene
Concen: 235.77 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. -0.00 min
Lab File: VR025723.D
Acq: 13 Sep 2018 20:25

Tgt Ion: 95 Resp: 11382727
Ion Ratio Lower Upper
95 100
97 74.1 45.5 84.5
132 85.2 71.0 131.9
130 87.9 74.5 138.3





#45

1,1,2-Trichloroethane

Concen: 0.22 ug/L

RT: 10.45 min Scan# 1441

Delta R.T. -0.00 min

Lab File: VR025723.D

Acq: 13 Sep 2018 20:25

Instrument :

MSVOA_R

ClientSampleId :

C0KQ8

Tot Ion: 97 Resp: 4613

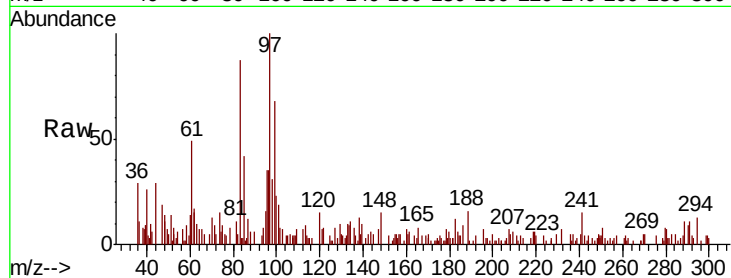
Ion Ratio Lower Upper

97 100

99 68.0 41.3 76.7

83 90.8 55.4 102.8

85 44.4 36.5 67.9



Abundance Ion 96.95 (96.65 to 97.65): VR0

Ion 99.05 (98.75 to 99.75): VR0

Ion 82.95 (82.65 to 83.65): VR0

Ion 85.00 (84.70 to 85.70): VR0

