

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR090518\
 Data File : VR025668.D
 Acq On : 5 Sep 2018 14:04
 Operator : SY/MD
 Sample : J4749-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 06 03:36:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 06 03:24:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	498089	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	409965	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	130498	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	108821	3.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.20%
7) Chloroethane-d5	2.62	69	99619	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.20%
11) 1,1-Dichloroethene-d2	3.63	63	208892	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	6.60	46	105380	42.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.32%
24) Chloroform-d	7.20	84	203070	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.40%
26) 1,2-Dichloroethane-d4	7.89	65	69146	3.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.80%#
32) Benzene-d6	7.86	84	471011	3.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.20%
36) 1,2-Dichloropropane-d6	8.90	67	137387	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	9.97	98	417023	3.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	68.80%#
43) trans-1,3-Dichloropropene-	10.24	79	25953	3.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.40%
46) 2-Hexanone-d5	10.59	63	107164	40.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.24%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	53619	3.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	68.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	94873	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

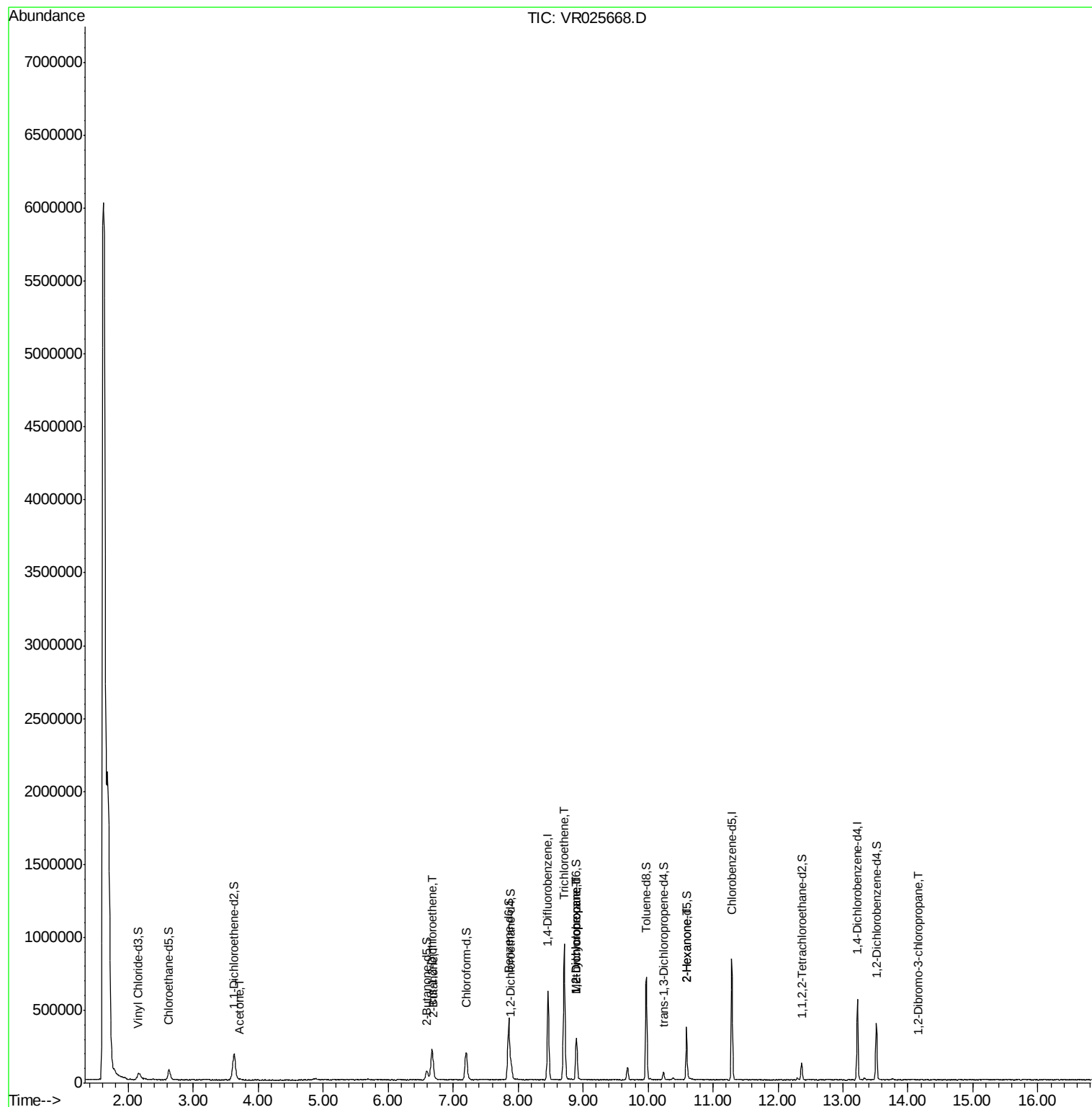
					Ovalue
13) Acetone	3.71	43	3782	2.46 ug/L	99
21) 2-Butanone	6.70	43	1219	0.40 ug/L	86
22) cis-1,2-Dichloroethene	6.68	96	133465	3.76 ug/L #	85
34) Trichloroethene	8.71	95	310489	9.05 ug/L	98
35) Methylcyclohexane	8.90	83	29826	0.53 ug/L #	23
37) 1,2-Dichloropropane	8.90	63	12885	0.39 ug/L #	93
48) 2-Hexanone	10.59	43	11994	2.16 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.17	75	418	0.44 ug/L #	29

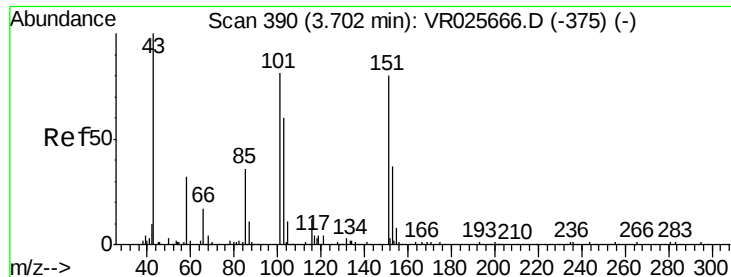
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 06 03:24:58 2018
Response via : Initial Calibration





#13

Acetone

Concen: 2.46 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025668.D

Acq: 5 Sep 2018 14:04

Instrument :

MSVOA_R

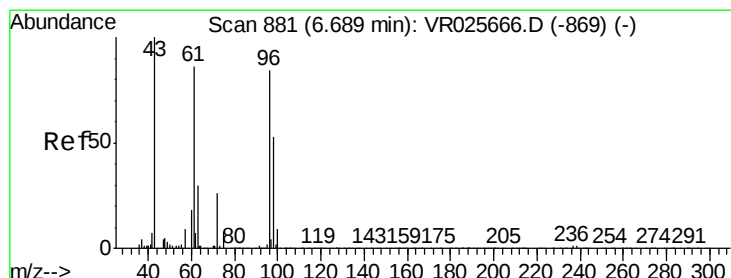
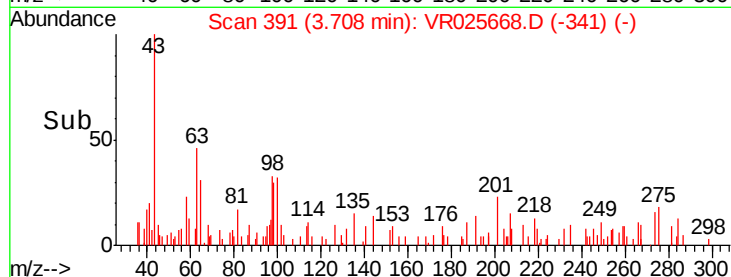
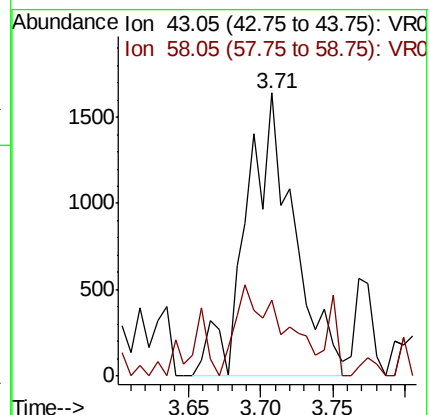
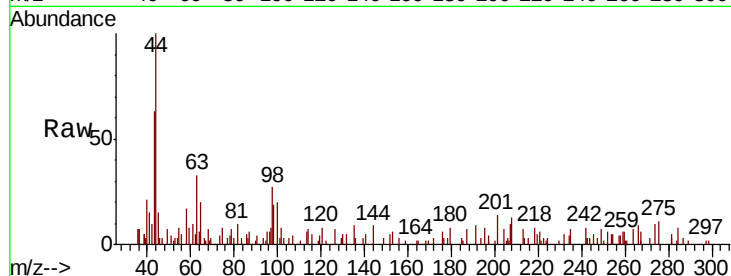
ClientSampleId :

Tot Ion: 43 Resp: 3782

Ion Ratio Lower Upper

43 100

58 32.0 0.0 63.4



#21

2-Butanone

Concen: 0.40 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025668.D

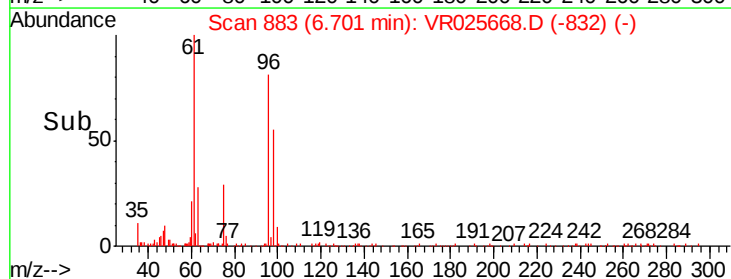
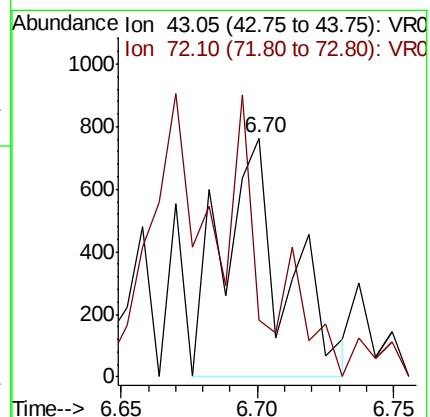
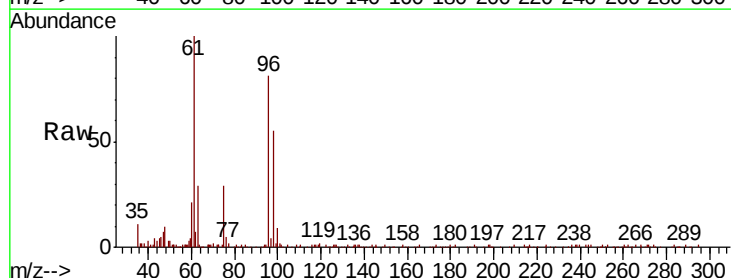
Acq: 5 Sep 2018 14:04

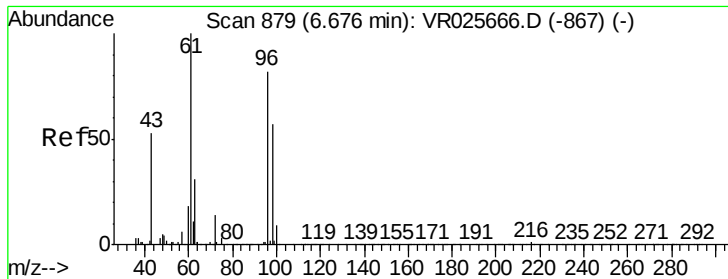
Tgt Ion: 43 Resp: 1219

Ion Ratio Lower Upper

43 100

72 21.0 14.3 42.9



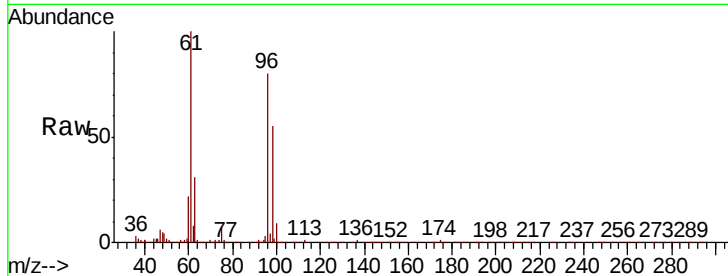


#22

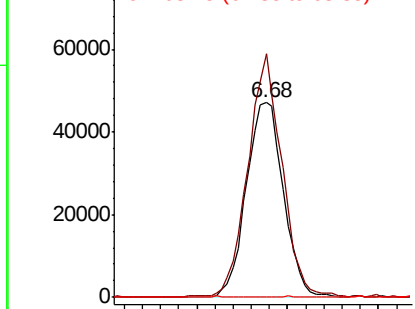
cis-1,2-Dichloroethene
Concen: 3.76 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.00 min
Lab File: VR025668.D
Acq: 5 Sep 2018 14:04

Instrument :
MSVOA_R
ClientSampleId :

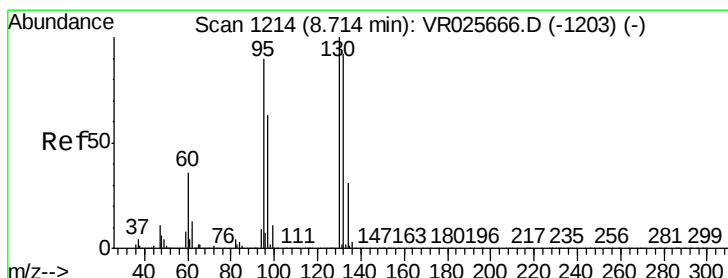
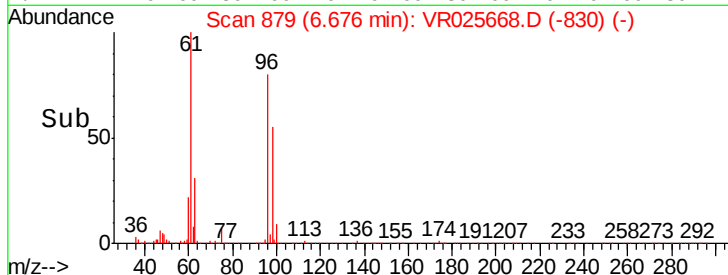
Tot Ion	Ratio	Lower	Upper
96	100		
61	125.2	76.7	142.5
68	0.0	0.1	0.3



Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



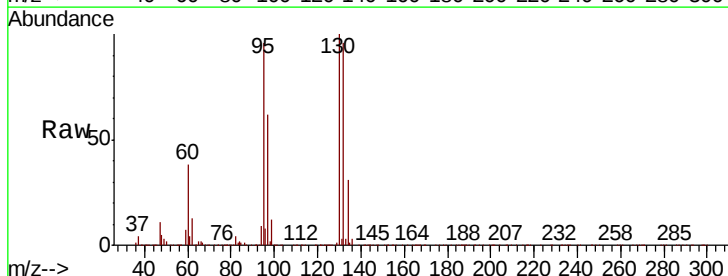
Time-->



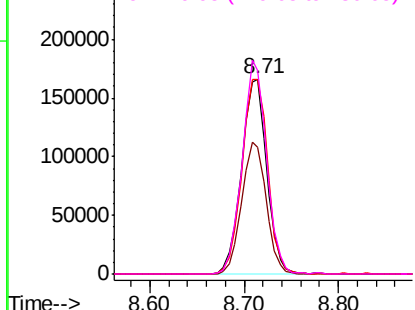
#34

Trichloroethene
Concen: 9.05 ug/L
RT: 8.71 min Scan# 1214
Delta R.T. -0.00 min
Lab File: VR025668.D
Acq: 5 Sep 2018 14:04

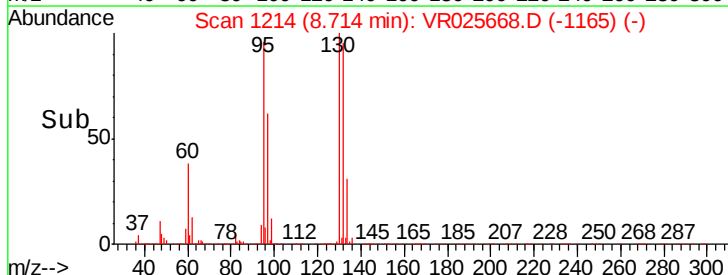
Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.2	45.7	84.9
132	99.9	66.6	123.6
130	104.5	72.2	134.0

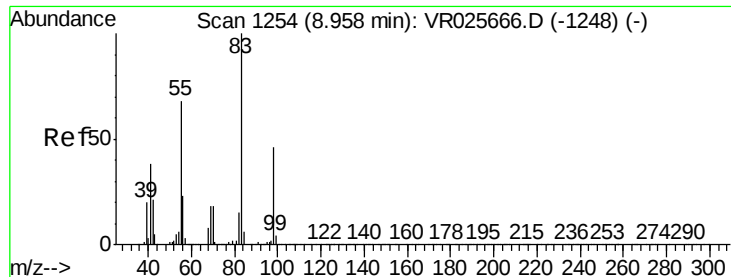


Abundance Ion 95.00 (94.70 to 95.70): VR0
Ion 96.95 (96.65 to 97.65): VR0
Ion 131.95 (131.65 to 132.65): V
Ion 129.95 (129.65 to 130.65): V



Time-->





#35

Methvlcvclohexane

Concen: 0.53 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025668.D

Acq: 5 Sep 2018 14:04

Instrument :

MSVOA_R

ClientSampleId :

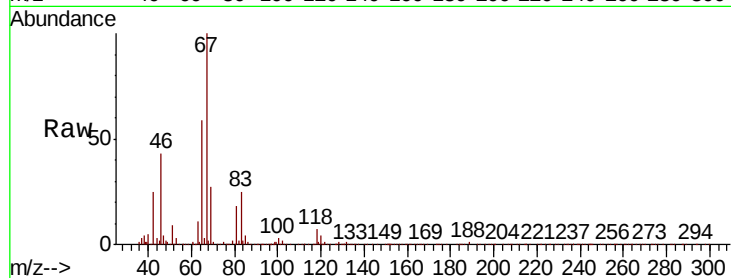
Tot Ion: 83 Resp: 29826

Ion Ratio Lower Upper

83 100

55 1.2 56.7 85.1#

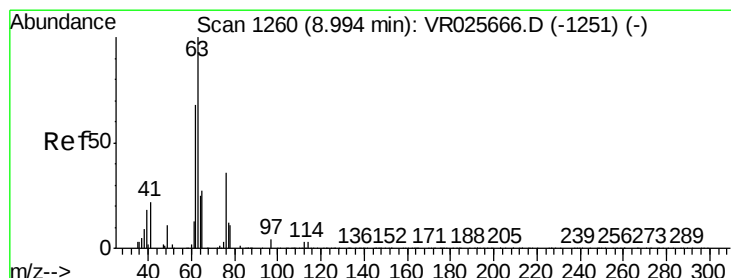
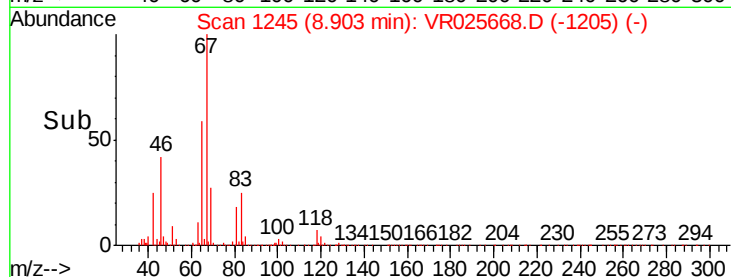
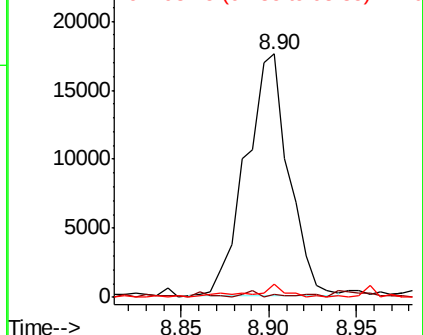
98 2.6 35.8 53.8#



Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



#37

1,2-Dichloropropane

Concen: 0.39 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025668.D

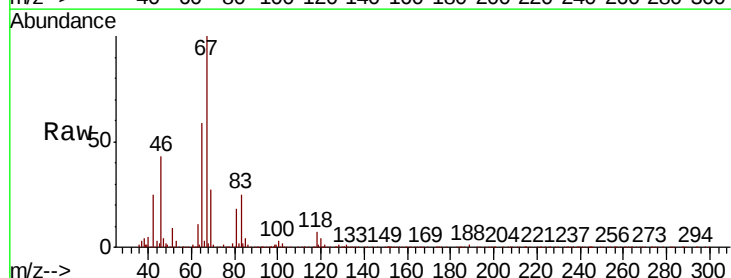
Acq: 5 Sep 2018 14:04

Tgt Ion: 63 Resp: 12885

Ion Ratio Lower Upper

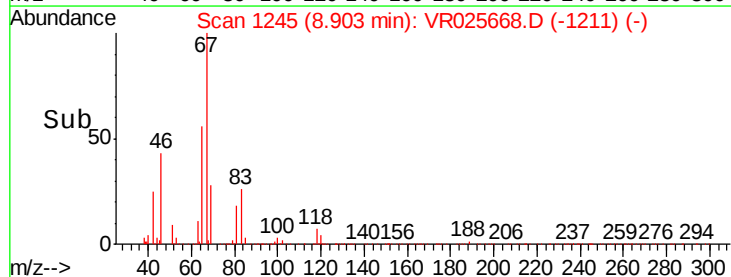
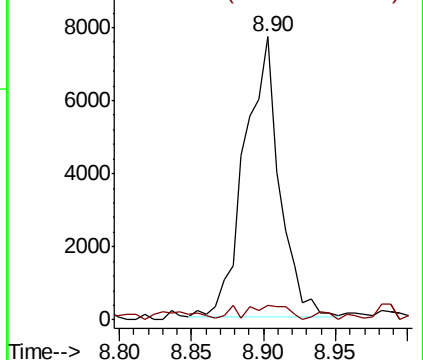
63 100

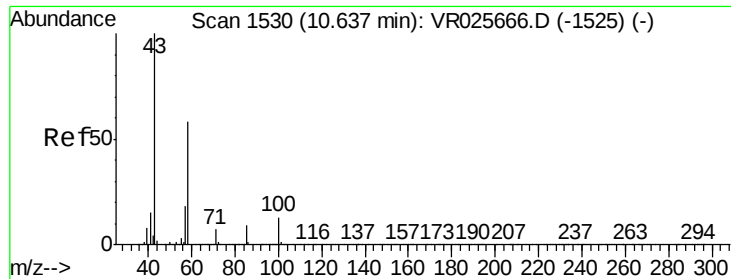
112 5.3 2.5 3.7#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48

2-Hexanone

Concen: 2.16 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025668.D

Acq: 5 Sep 2018 14:04

Instrument :

MSVOA_R

ClientSampleId :

Tot Ion: 43 Resp: 11994

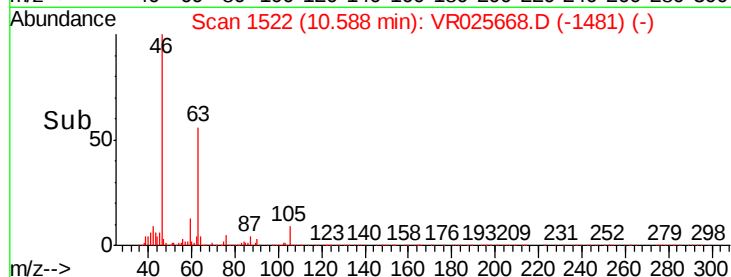
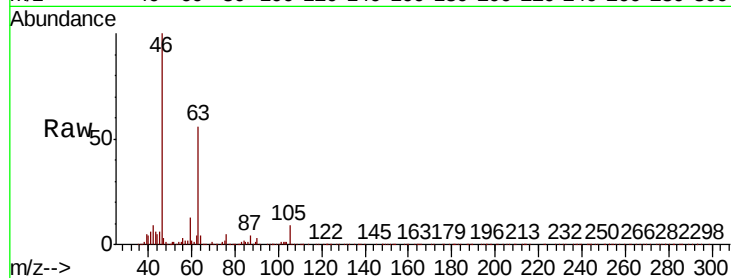
Ion Ratio Lower Upper

43 100

58 35.9 46.4 69.6#

57 42.7 14.3 21.5#

100 10.4 8.8 13.2

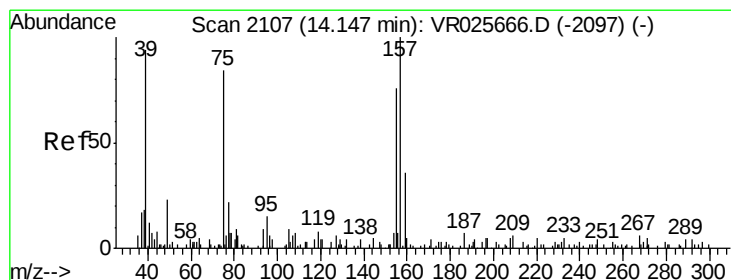
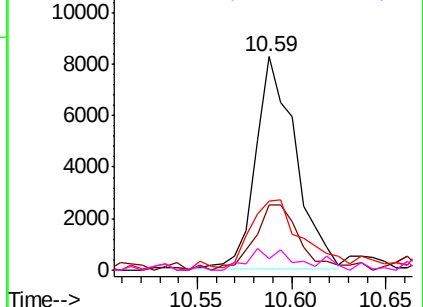


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0



#66

1,2-Dibromo-3-chloropropane

Concen: 0.44 ug/L

RT: 14.17 min Scan# 2110

Delta R.T. 0.02 min

Lab File: VR025668.D

Acq: 5 Sep 2018 14:04

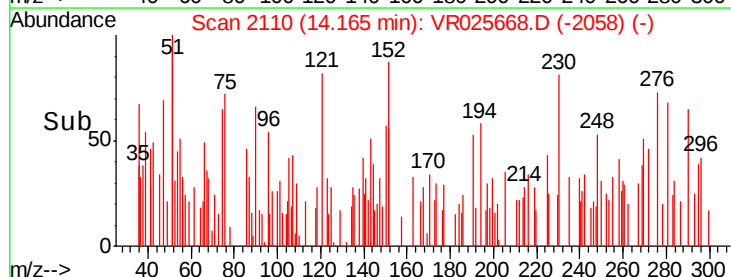
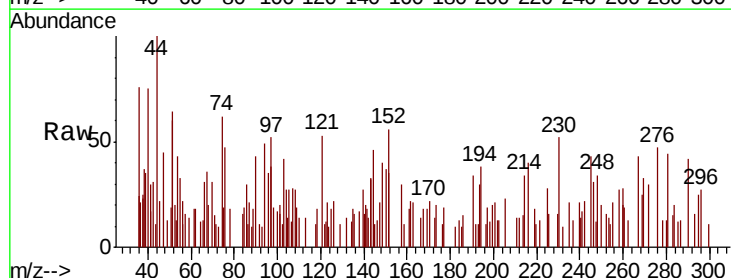
Tgt Ion: 75 Resp: 418

Ion Ratio Lower Upper

75 100

155 0.0 55.2 82.8#

157 45.6 89.4 134.2#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): VR0

Ion 156.90 (156.60 to 157.60): VR0

