

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
 Data File : VR025508.D
 Acq On : 18 Jul 2018 15:56
 Operator : SY/MD
 Sample : J4002-09
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG5

Quant Time: Jul 19 05:18:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	592809	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	493272	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	158552	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	80658	4.94	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	2.63	69	66155	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.00%
11) 1,1-Dichloroethene-d2	3.63	63	185479	3.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	6.60	46	193646	38.15	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.30%
24) Chloroform-d	7.20	84	368737	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	7.90	65	143376	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	7.86	84	785877	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	8.90	67	232901	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	692546	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	10.24	79	47734	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	195674	47.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	101322	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	151611	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

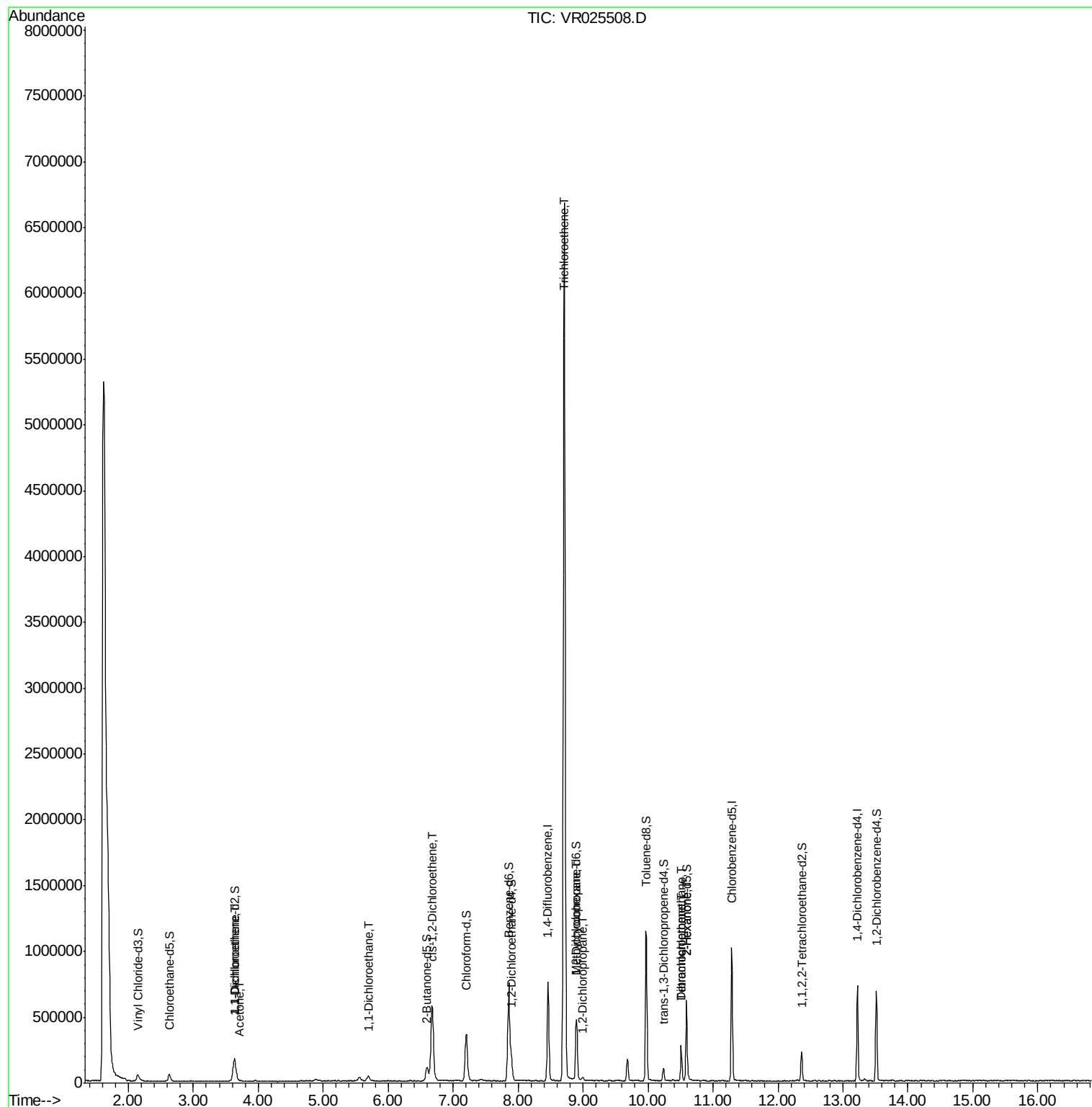
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.65	96	21198	1.196	ug/L #	1
13) Acetone	3.71	43	3269	1.429	ug/L	88
19) 1,1-Dichloroethane	5.69	63	50731	0.671	ug/L #	93
22) cis-1,2-Dichloroethene	6.68	96	355390	8.784	ug/L #	97
34) Trichloroethene	8.71	95	2456878	56.761	ug/L	99
35) Methylcyclohexane	8.90	83	53038	0.916	ug/L #	17
37) 1,2-Dichloropropane	8.99	63	8459	0.214	ug/L #	94
47) Tetrachloroethene	10.52	164	53828	1.904	ug/L	90
48) 2-Hexanone	10.59	43	25080	3.183	ug/L #	71
49) Dibromochloromethane	10.52	129	50132	2.483	ug/L #	10

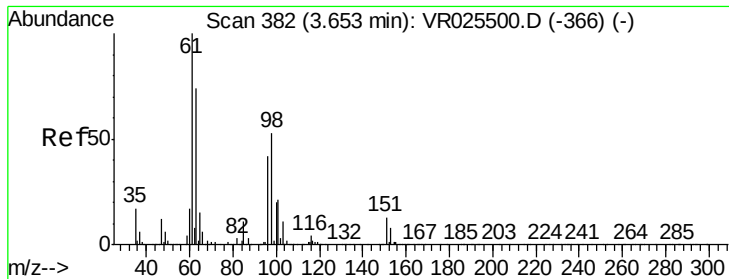
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 1.196 ug/L

RT: 3.65 min Scan# 381

Delta R.T. -0.01 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

Instrument :

MSVOA_R

ClientSampled :

C0AG5

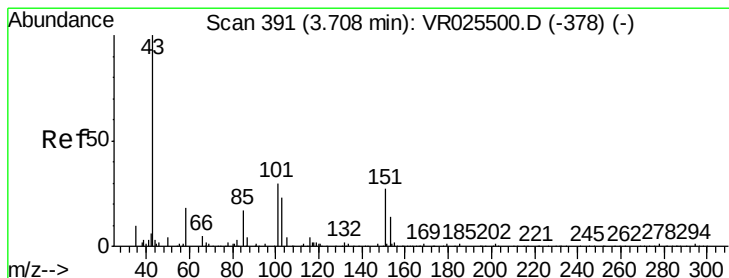
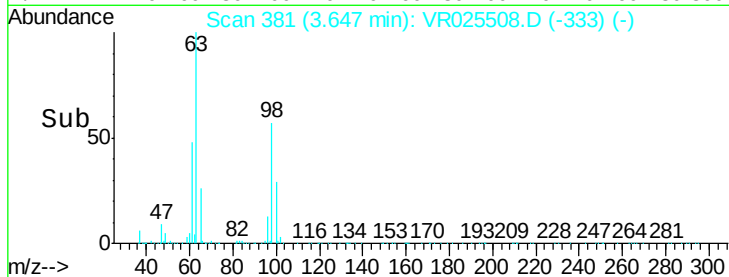
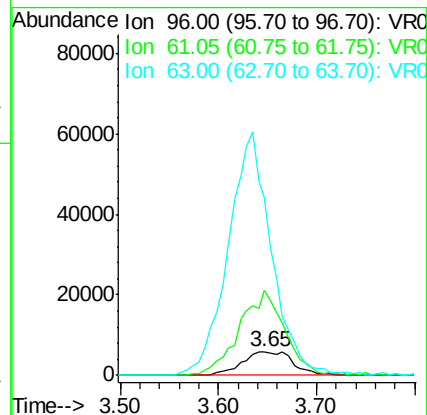
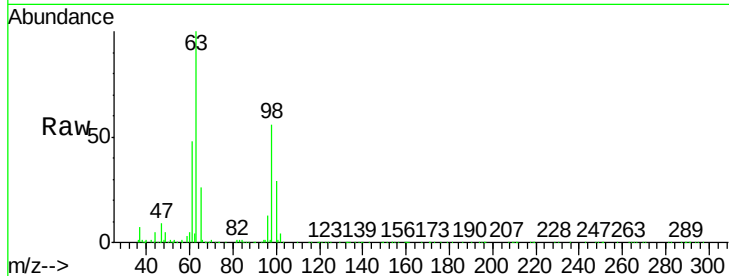
Tgt Ion: 96 Resp: 21198

Ion Ratio Lower Upper

96 100

61 360.0 155.0 287.9#

63 754.4 122.3 227.1#



#13

Acetone

Concen: 1.429 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.00 min

Lab File: VR025508.D

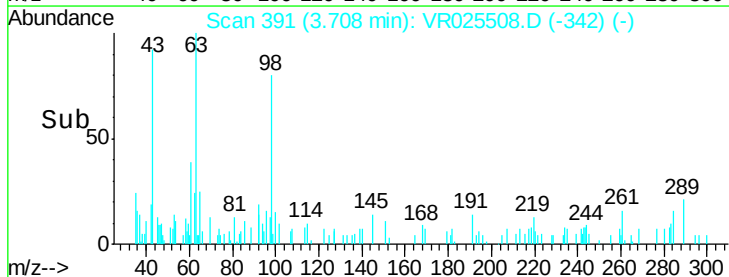
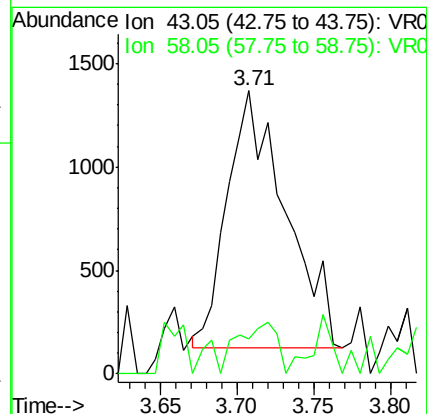
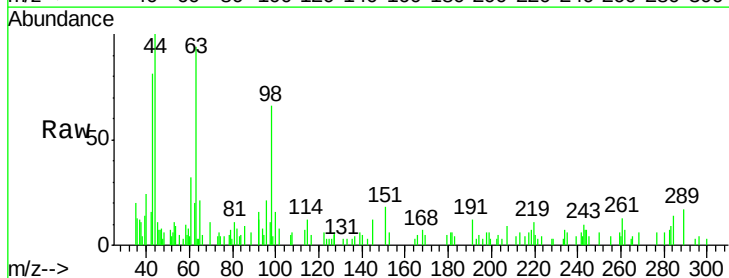
Acq: 18 Jul 2018 15:56

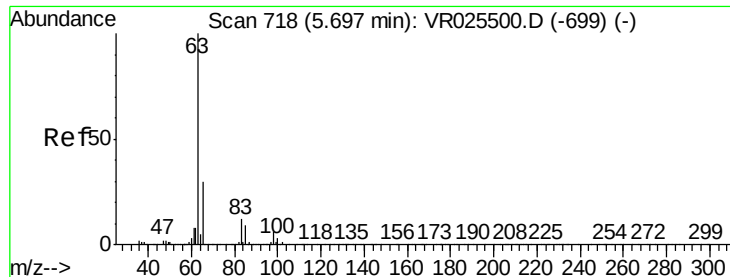
Tgt Ion: 43 Resp: 3269

Ion Ratio Lower Upper

43 100

58 15.1 0.0 41.6

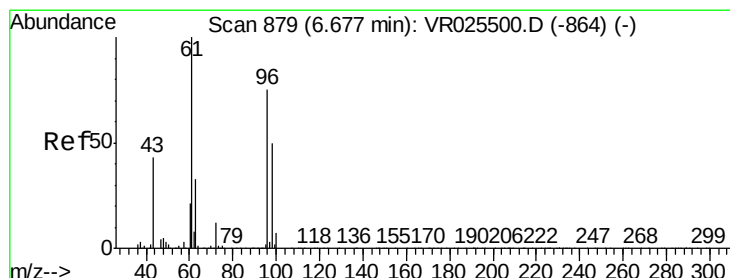
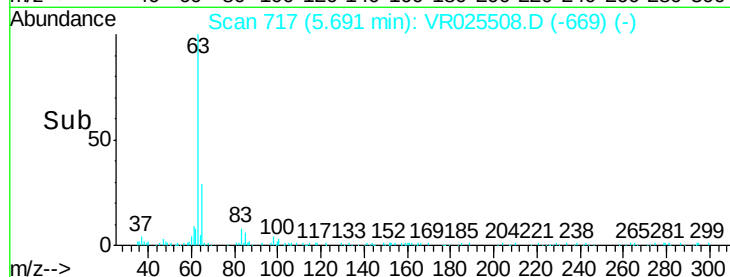
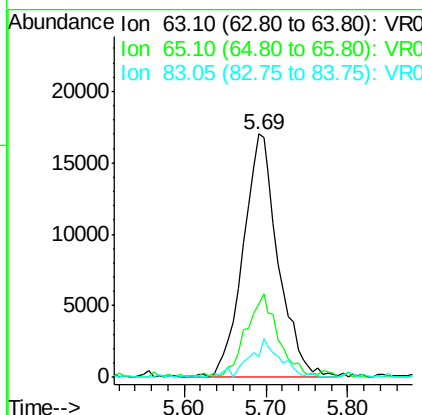
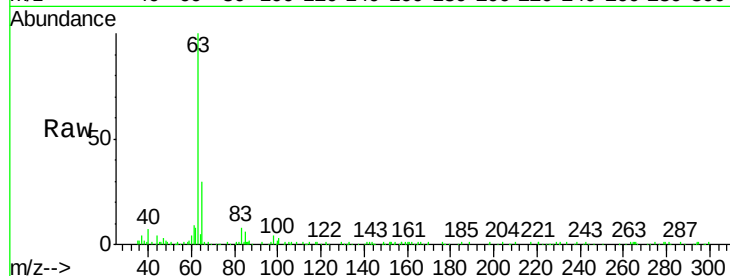




#19
 1,1-Dichloroethane
 Concen: 0.671 ug/L
 RT: 5.69 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VR025508.D
 Acq: 18 Jul 2018 15:56

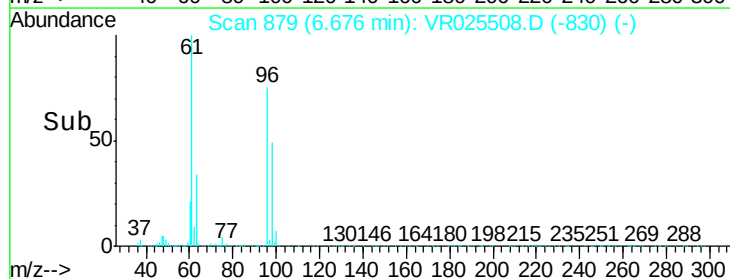
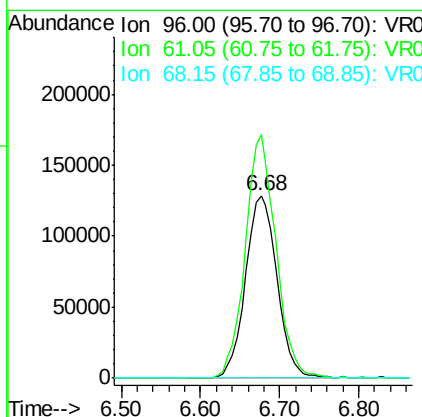
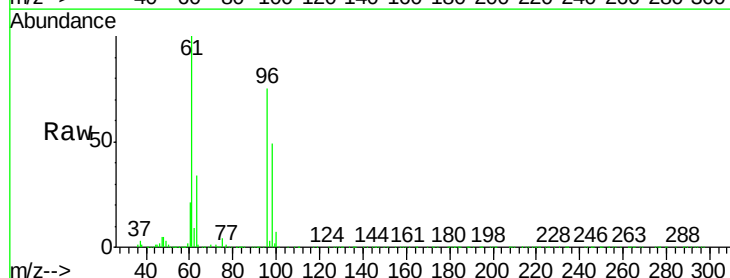
Instrument :
 MSVOA_R
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 C0AG5

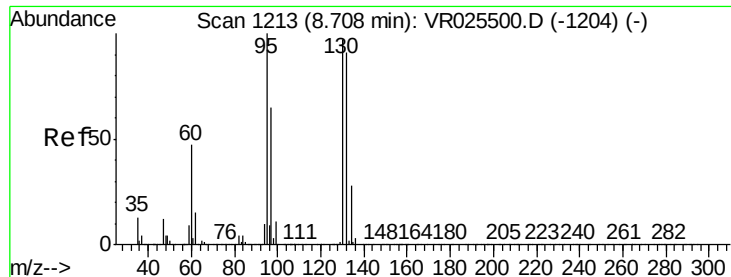
Tgt Ion:	63	Resp:	50731
Ion	Ratio	Lower	Upper
63	100		
65	29.9	22.5	41.7
83	8.4	9.5	17.7#



#22
 cis-1,2-Dichloroethene
 Concen: 8.784 ug/L
 RT: 6.68 min Scan# 879
 Delta R.T. -0.00 min
 Lab File: VR025508.D
 Acq: 18 Jul 2018 15:56

Tgt Ion:	96	Resp:	355390
Ion	Ratio	Lower	Upper
96	100		
61	133.6	91.0	169.0
68	0.0	0.0	0.0#





#34

Trichloroethene

Concen: 56.761 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

Instrument :

MSVOA_R

ClientSampleId :

C0AG5

Tgt Ion: 95 Resp: 2456878

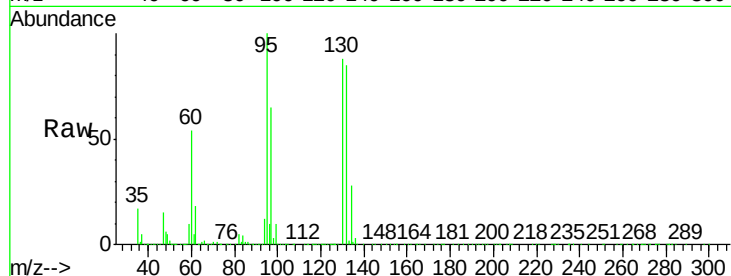
Ion Ratio Lower Upper

95 100

97 65.3 45.6 84.6

132 84.7 60.9 113.1

130 88.0 62.0 115.2

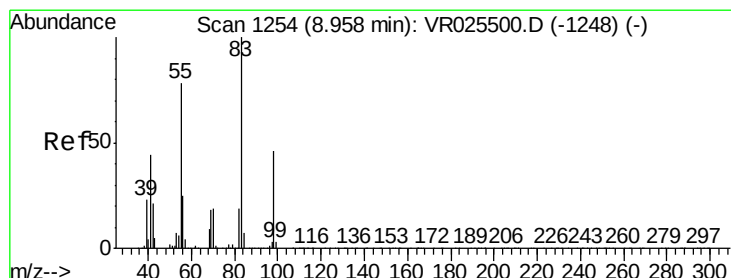
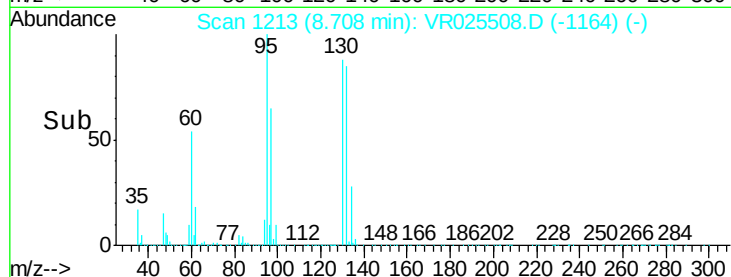
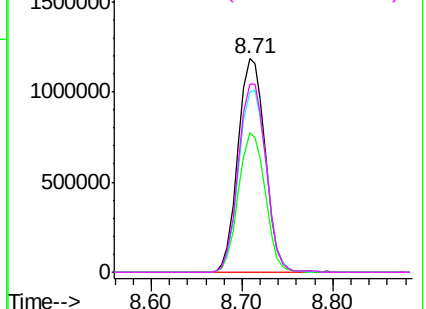


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#35

Methylcyclohexane

Concen: 0.916 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

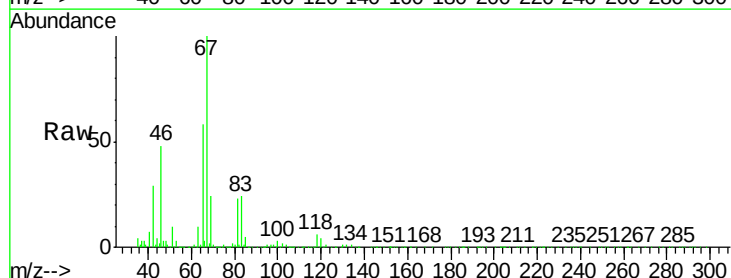
Tgt Ion: 83 Resp: 53038

Ion Ratio Lower Upper

83 100

55 0.7 66.1 99.1#

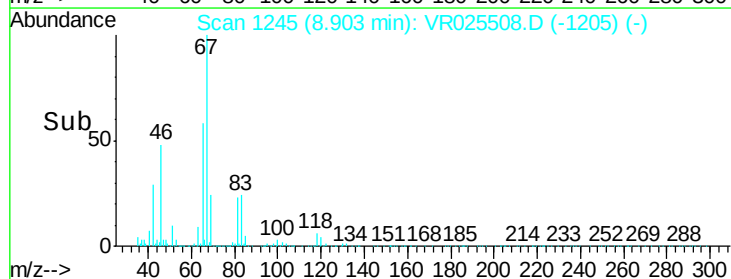
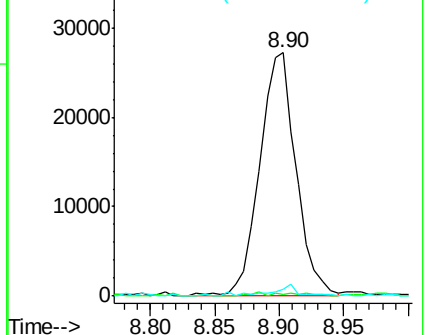
98 0.0 36.2 54.4#

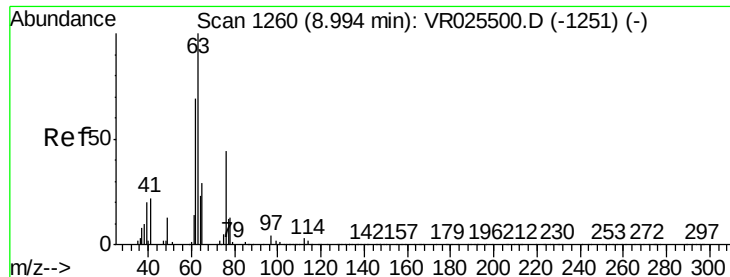


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.214 ug/L

RT: 8.99 min Scan# 1260

Delta R.T. -0.00 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

Instrument :

MSVOA_R

ClientSampleId :

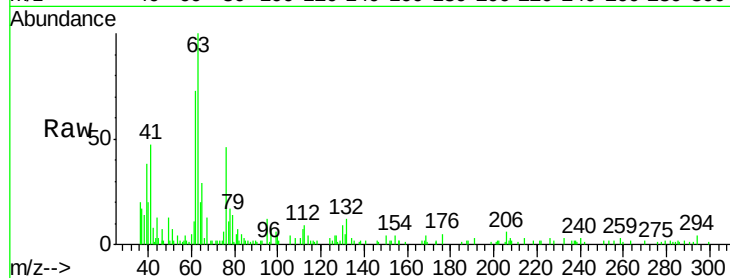
C0AG5

Tgt Ion: 63 Resp: 8459

Ion Ratio Lower Upper

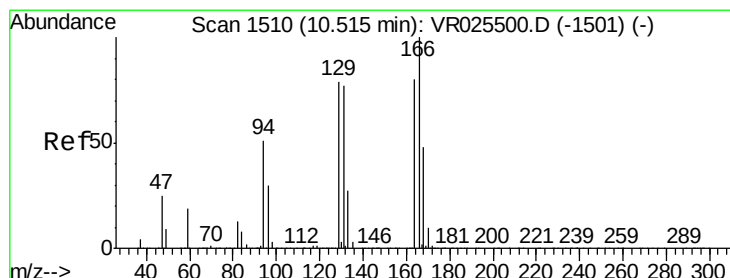
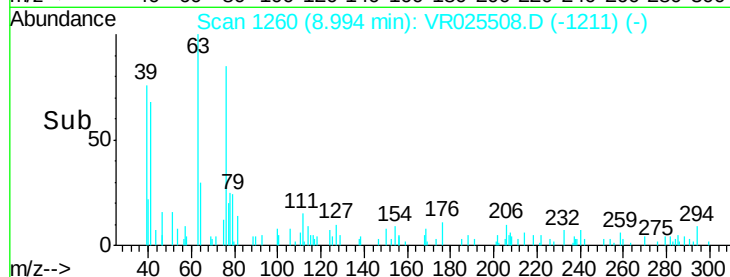
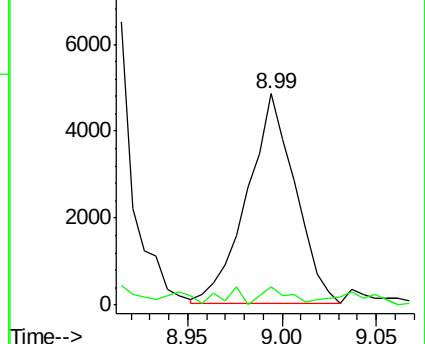
63 100

112 5.6 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#47

Tetrachloroethene

Concen: 1.904 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VR025508.D

Acq: 18 Jul 2018 15:56

Tgt Ion:164 Resp: 53828

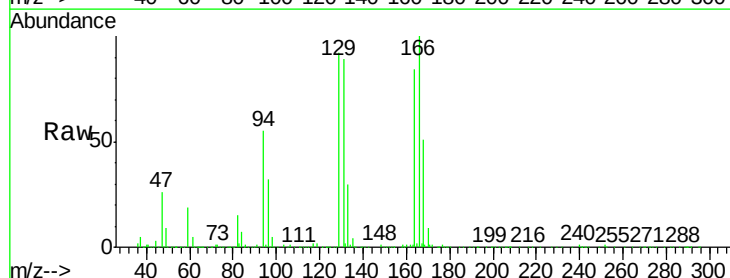
Ion Ratio Lower Upper

164 100

129 109.5 68.1 126.5

131 106.3 68.5 127.1

166 119.1 89.9 166.9

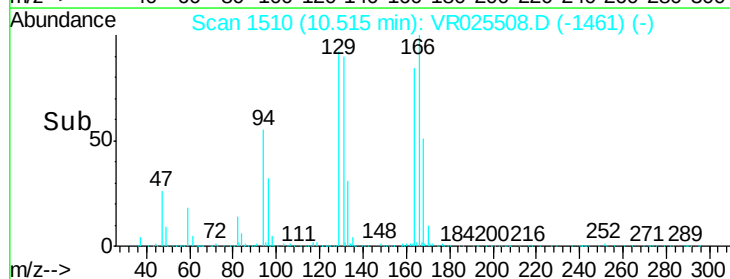
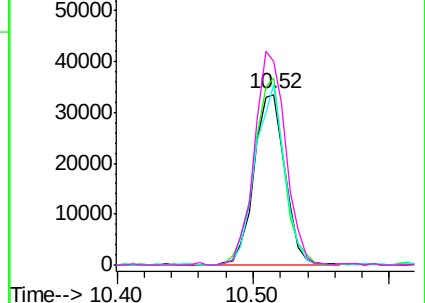


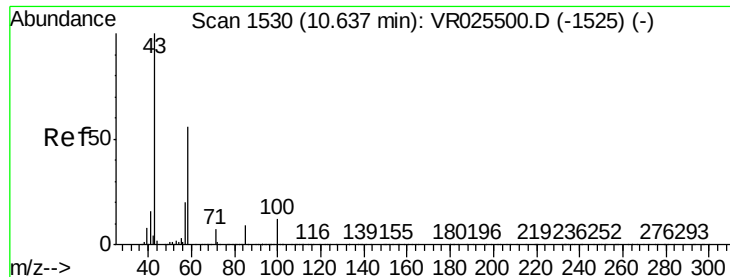
Abundance Ion 163.90 (163.60 to 164.60): V

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

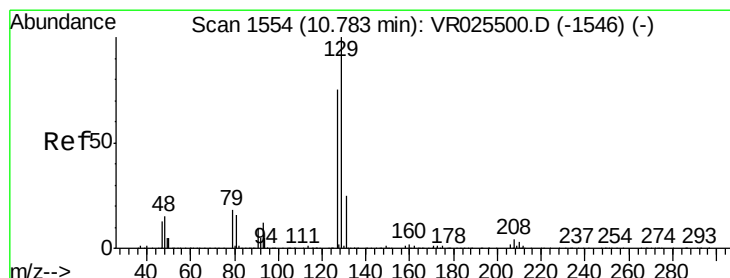
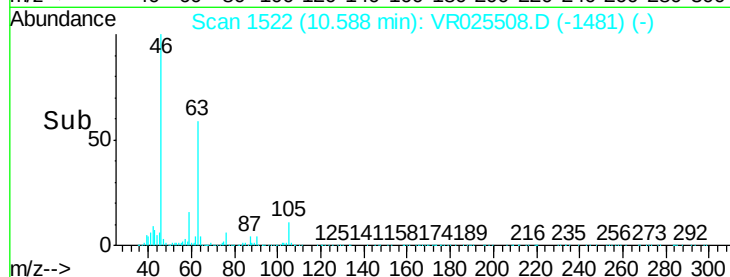
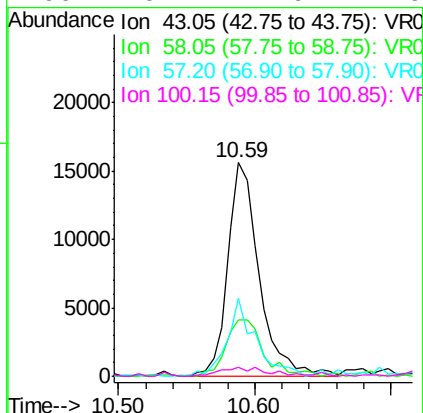
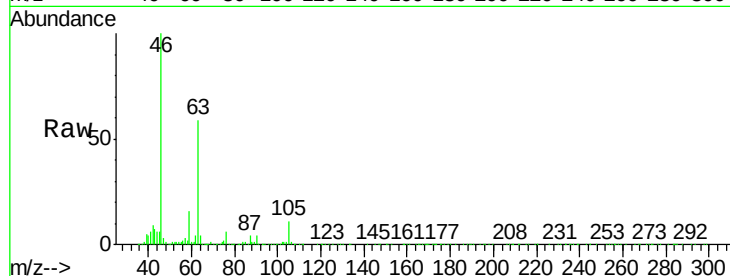




#48
2-Hexanone
Concen: 3.183 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025508.D
Acq: 18 Jul 2018 15:56

Instrument :
MSVOA_R
ClientSampleId :
C0AG5

Tgt Ion:	43	Resp:	25080
Ion	Ratio	Lower	Upper
43	100		
58	31.6	43.1	64.7#
57	33.2	15.3	22.9#
100	6.2	7.9	11.9#



#49
Dibromochloromethane
Concen: 2.483 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. -0.27 min
Lab File: VR025508.D
Acq: 18 Jul 2018 15:56

Tgt Ion:	129	Resp:	50132
Ion	Ratio	Lower	Upper
129	100		
127	0.9	55.9	103.7#

