

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071818\
 Data File : VR025514.D
 Acq On : 18 Jul 2018 19:57
 Operator : SY/MD
 Sample : J4002-01DL 20X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AF3DL

Quant Time: Jul 19 05:19:02 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	549220	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	469827	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	151488	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70902	4.68	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	2.63	69	59482	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	3.62	63	153140	3.34	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.60	46	171860	36.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.08%
24) Chloroform-d	7.21	84	338078	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.40%
26) 1,2-Dichloroethane-d4	7.90	65	126199	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.86	84	699072	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	8.90	67	206585	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	9.97	98	614624	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.24	79	45401	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	194497	49.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.60%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96772	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	146369	5.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.00%

Target Compounds

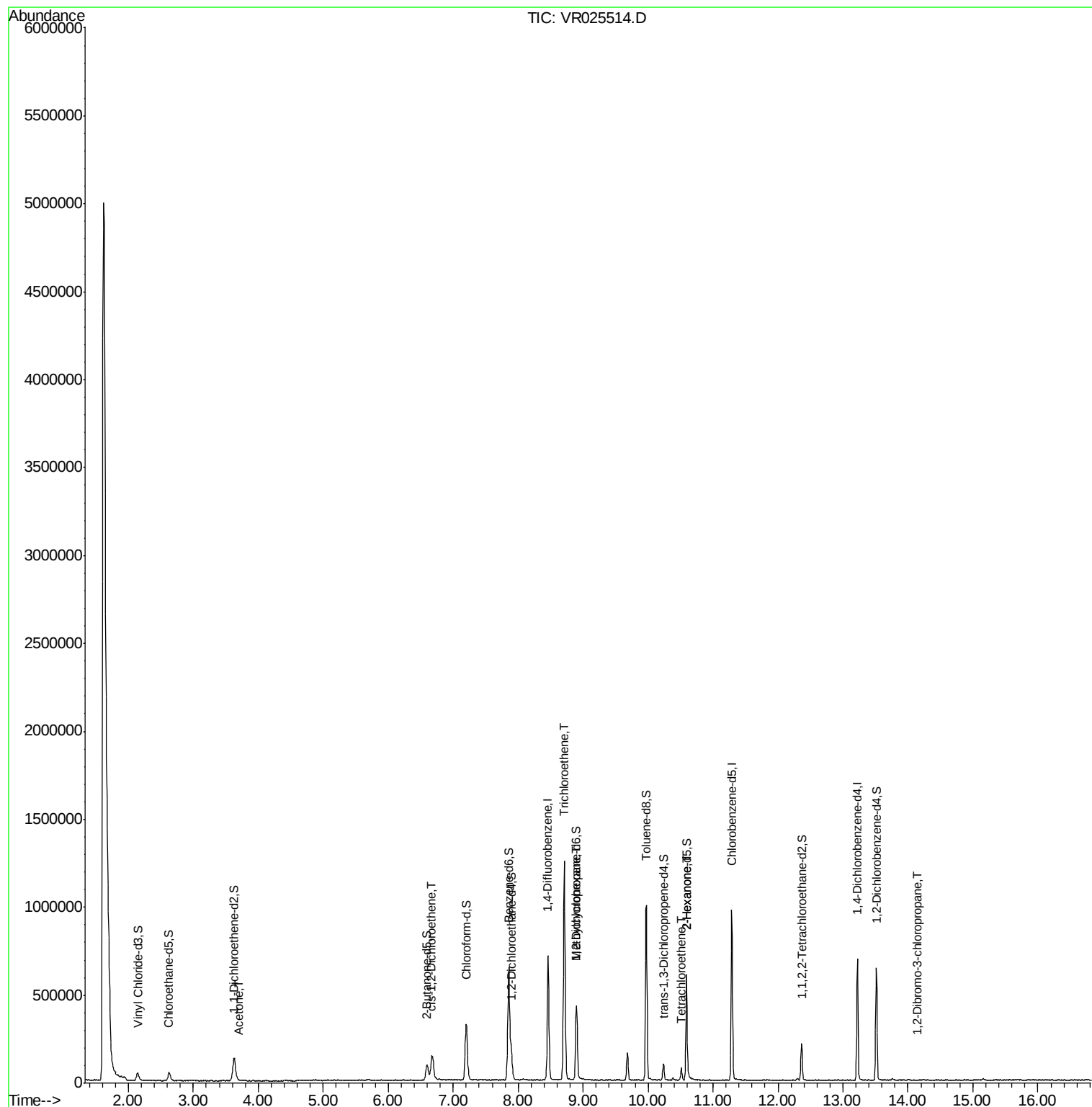
					Qvalue
13) Acetone	3.71	43	931	0.439 ug/L	88
22) cis-1,2-Dichloroethene	6.67	96	89632	2.391 ug/L #	89
34) Trichloroethene	8.71	95	451105	10.942 ug/L	98
35) Methylcyclohexane	8.90	83	48002	0.871 ug/L #	17
47) Tetrachloroethene	10.52	164	14454	0.537 ug/L	92
48) 2-Hexanone	10.59	43	23738	3.163 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.15	75	374	0.219 ug/L #	22

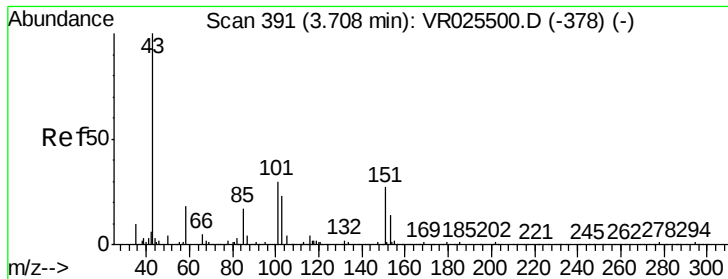
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 19 05:17:34 2018
Response via : Initial Calibration





#13

Acetone

Concen: 0.439 ug/L

RT: 3.71 min Scan# 391

Delta R.T. -0.00 min

Lab File: VR025514.D

Acq: 18 Jul 2018 19:57

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MSVOA_R

ClientSampleId :

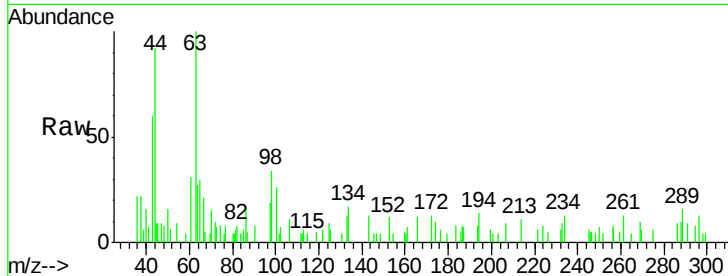
C0AF3DL

Tgt Ion: 43 Resp: 931

Ion Ratio Lower Upper

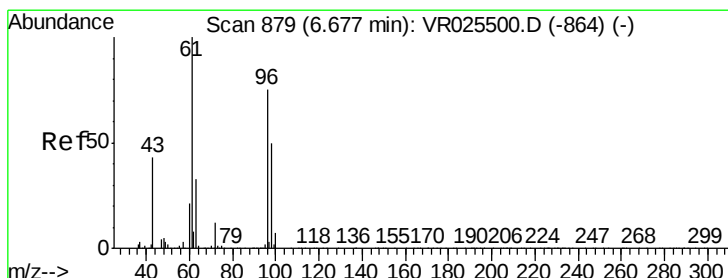
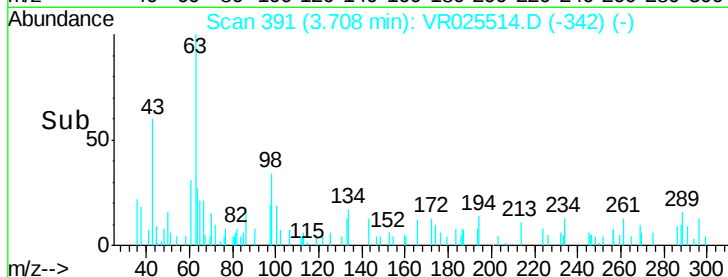
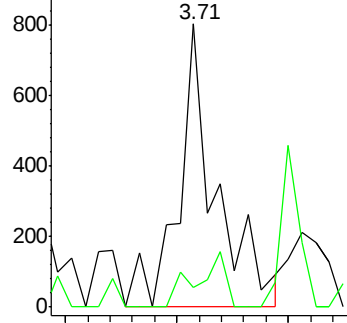
43 100

58 15.3 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#22

cis-1,2-Dichloroethene

Concen: 2.391 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.01 min

Lab File: VR025514.D

Acq: 18 Jul 2018 19:57

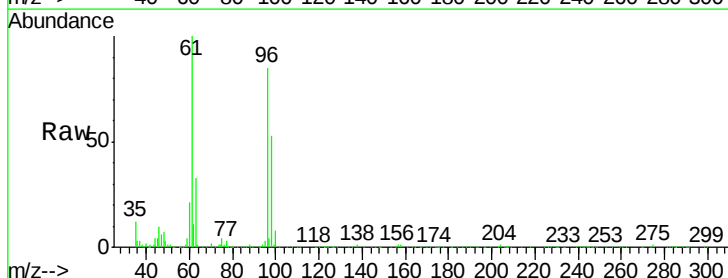
Tgt Ion: 96 Resp: 89632

Ion Ratio Lower Upper

96 100

61 117.5 91.0 169.0

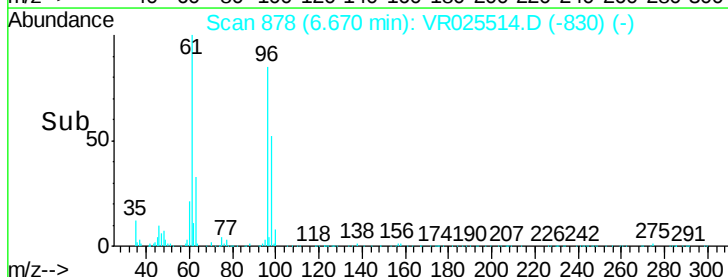
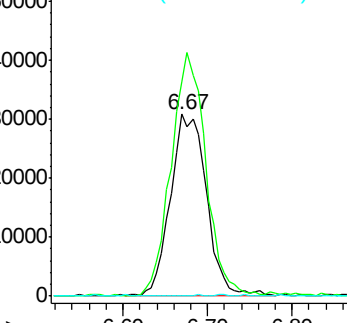
68 0.4 0.0 0.0#

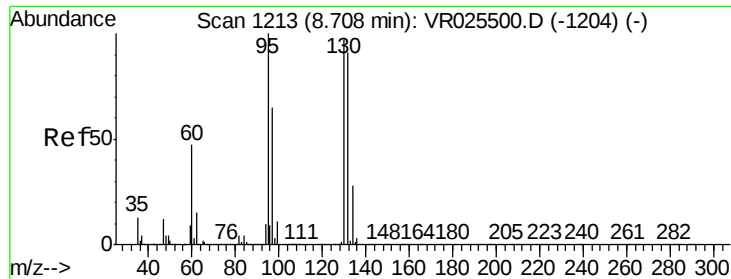


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0

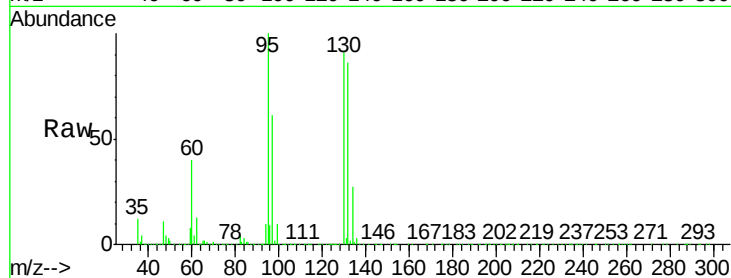




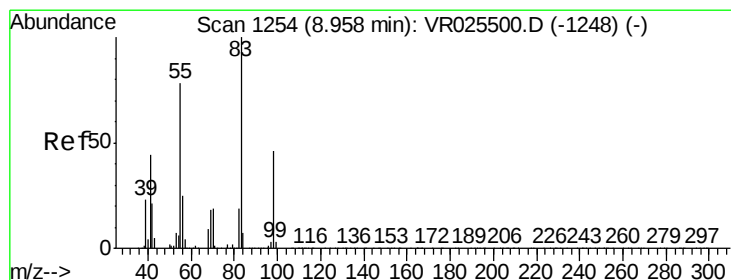
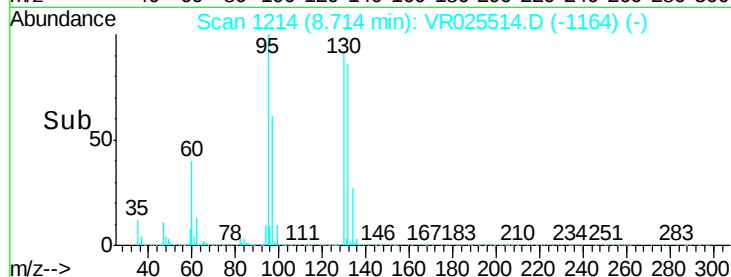
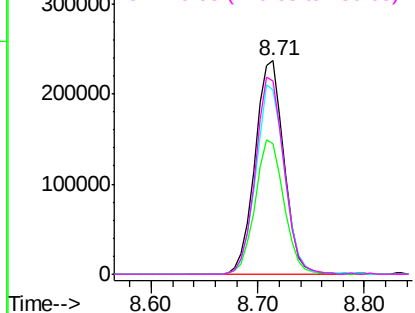
#34
 Trichloroethene
 Concen: 10.942 ug/L
 RT: 8.71 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: VR025514.D
 Acq: 18 Jul 2018 19:57

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AF3DL

Tgt Ion:	95	Resp:	451105
Ion	Ratio	Lower	Upper
95	100		
97	61.4	45.6	84.6
132	86.4	60.9	113.1
130	90.7	62.0	115.2

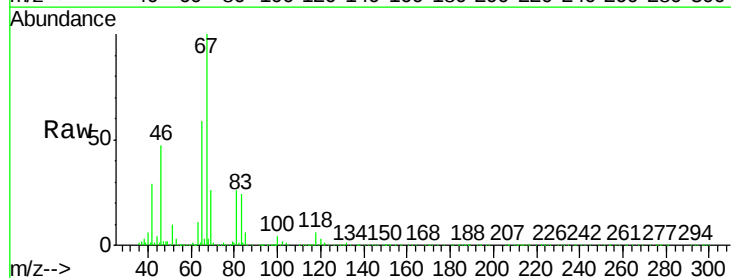


Abundance Ion 95.00 (94.70 to 95.70): VR0
 Ion 96.95 (96.65 to 97.65): VR0
 Ion 131.95 (131.65 to 132.65): V
 Ion 129.95 (129.65 to 130.65): V

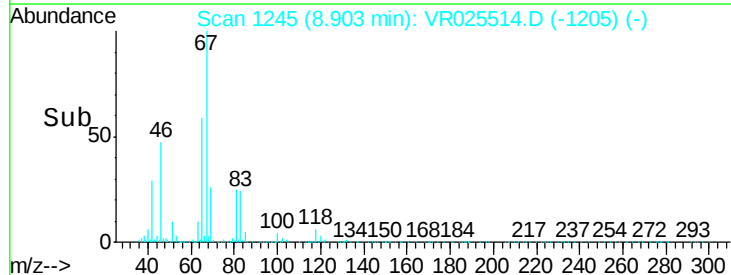
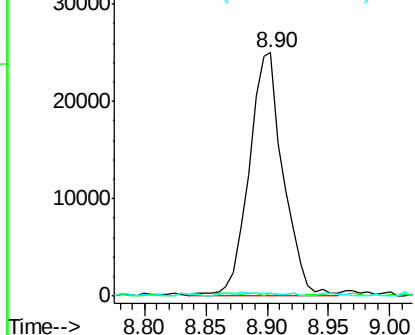


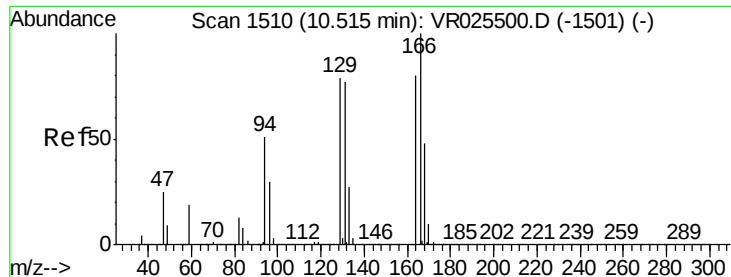
#35
 Methylcyclohexane
 Concen: 0.871 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.06 min
 Lab File: VR025514.D
 Acq: 18 Jul 2018 19:57

Tgt Ion:	83	Resp:	48002
Ion	Ratio	Lower	Upper
83	100		
55	0.5	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





#47

Tetrachloroethene

Concen: 0.537 ug/L

RT: 10.52 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VR025514.D

Acq: 18 Jul 2018 19:57

Instrument :

MSVOA_R

ClientSampleId :

C0AF3DL

Tgt Ion: 164 Resp: 14454

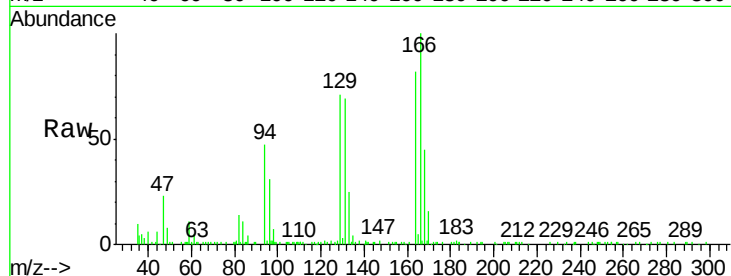
Ion Ratio Lower Upper

164 100

129 87.5 68.1 126.5

131 84.4 68.5 127.1

166 124.7 89.9 166.9

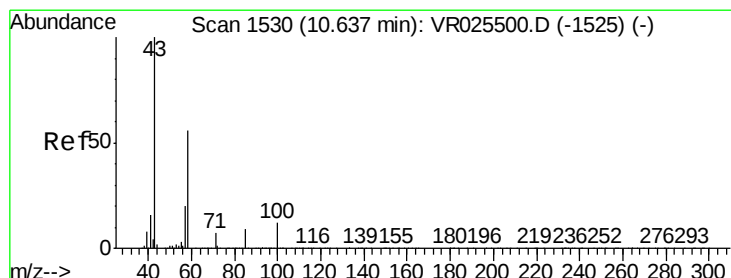
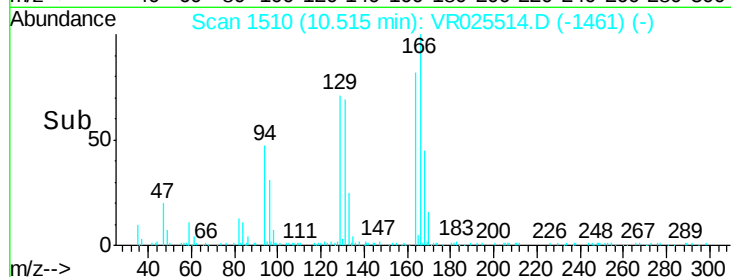
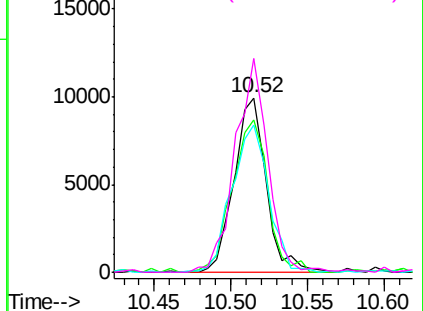


Abundance Ion 163.90 (163.60 to 164.60): V

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: 3.163 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025514.D

Acq: 18 Jul 2018 19:57

Tgt Ion: 43 Resp: 23738

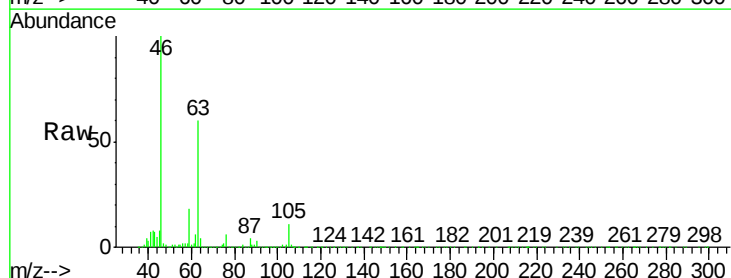
Ion Ratio Lower Upper

43 100

58 28.8 43.1 64.7#

57 34.1 15.3 22.9#

100 5.0 7.9 11.9#

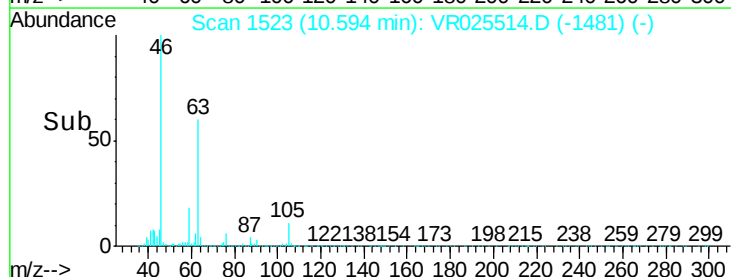
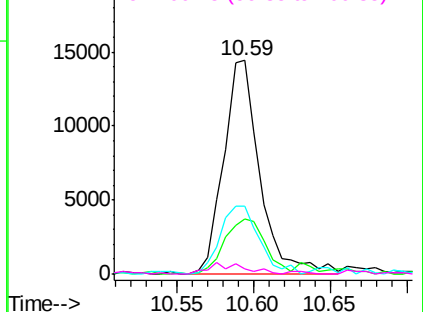


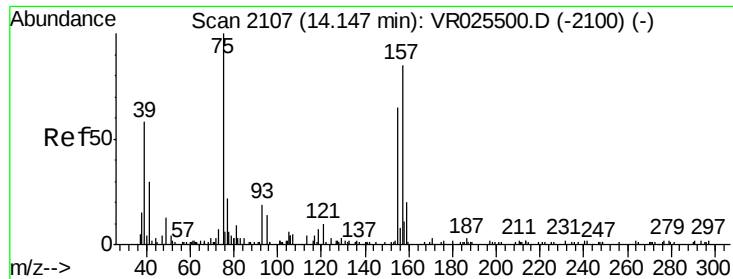
Abundance Ion 43.05 (42.75 to 43.75): VR0

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: 0.219 ug/L

RT: 14.15 min Scan# 2108

Delta R.T. 0.01 min

Lab File: VR025514.D

Acq: 18 Jul 2018 19:57

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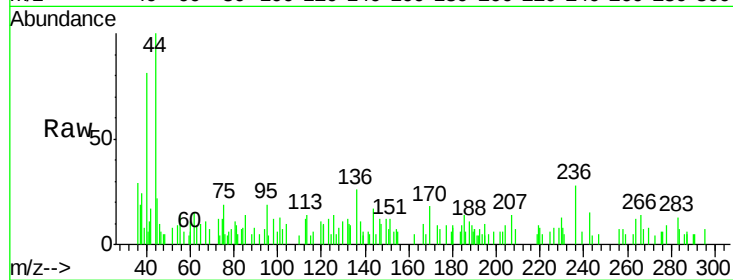
Tgt Ion: 75 Resp: 374

Ion Ratio Lower Upper

75 100

155 34.1 74.1 111.1#

157 0.0 71.0 106.6#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

