

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025393.D
 Acq On : 21 Jun 2018 11:53
 Operator : SY/MD
 Sample : J3514-11DL 40X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KG8DL

Quant Time: Jun 22 02:52:49 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	645623	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	521626	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	180246	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	79175	3.60	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.00%
7) Chloroethane-d5	2.64	69	62722	3.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.60%
11) 1,1-Dichloroethene-d2	3.63	63	172213	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	6.59	46	304501	51.66	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.32%
24) Chloroform-d	7.21	84	385426	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.90	65	147986	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.20%
32) Benzene-d6	7.86	84	791808	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	8.90	67	244036	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	666209	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	10.24	79	47059	3.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.40%
46) 2-Hexanone-d5	10.59	63	245225	52.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.68%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103349	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	150883	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

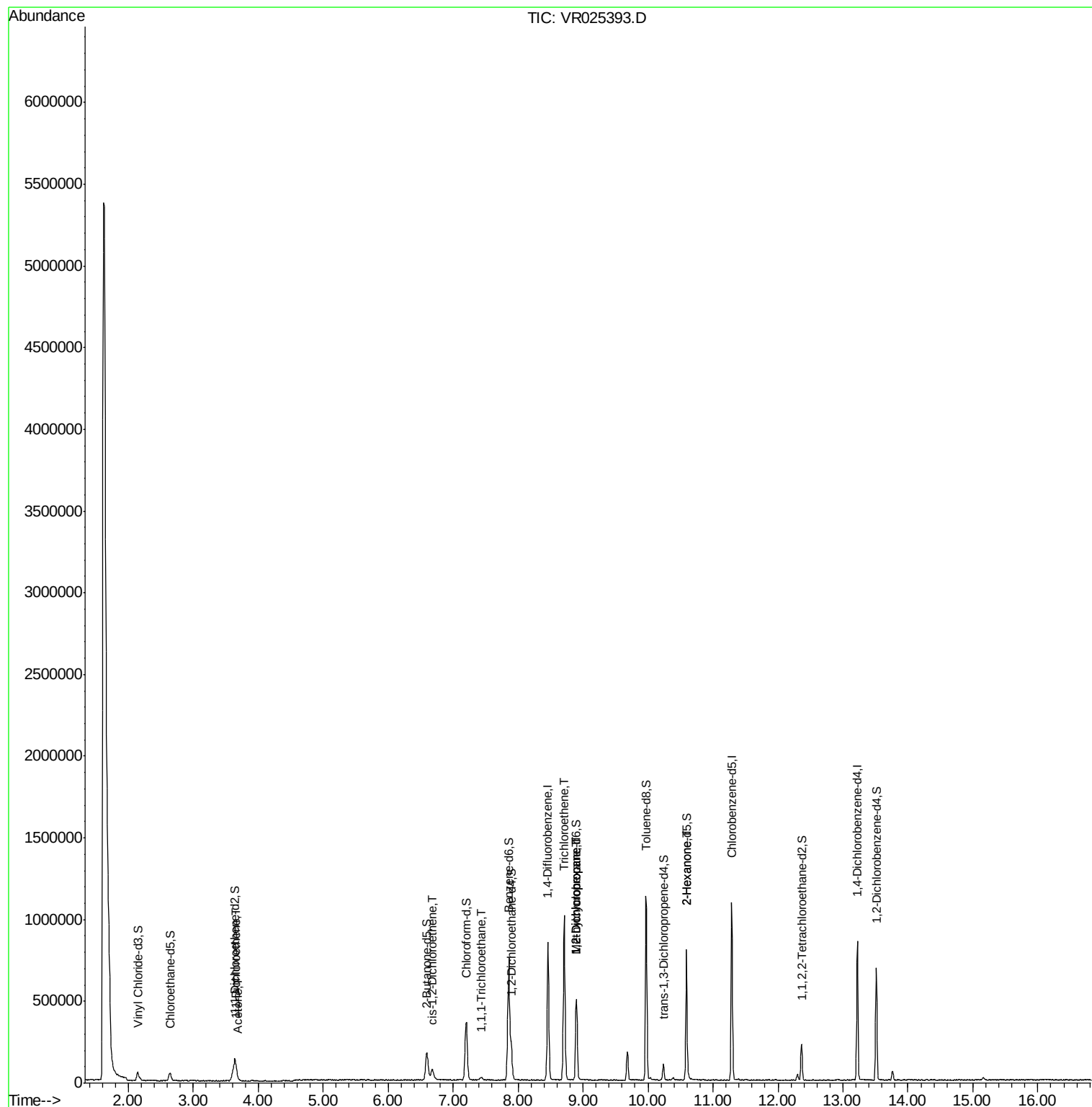
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	3.66	96	6203	0.273	ug/L #	1
13) Acetone	3.70	43	1058	0.397	ug/L	82
22) cis-1,2-Dichloroethene	6.68	96	30004	0.616	ug/L	86
29) 1,1,1-Trichloroethane	7.42	97	14553	0.235	ug/L	93
34) Trichloroethene	8.71	95	347872	7.021	ug/L	98
35) Methylcyclohexane	8.90	83	55986	0.716	ug/L #	17
37) 1,2-Dichloropropane	8.90	63	25115	0.552	ug/L #	92
48) 2-Hexanone	10.59	43	29922	3.186	ug/L #	68

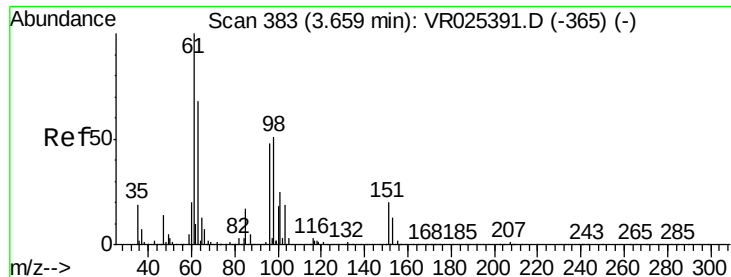
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
Data File : VR025393.D
Acq On : 21 Jun 2018 11:53
Operator : SY/MD
Sample : J3514-11DL 40X
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0KG8DL

Quant Time: Jun 22 02:52:49 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 02:50:30 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.273 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.00 min

Lab File: VR025393.D

Acq: 21 Jun 2018 11:53

Instrument :

MSVOA_R

ClientSampleId :

C0KG8DL

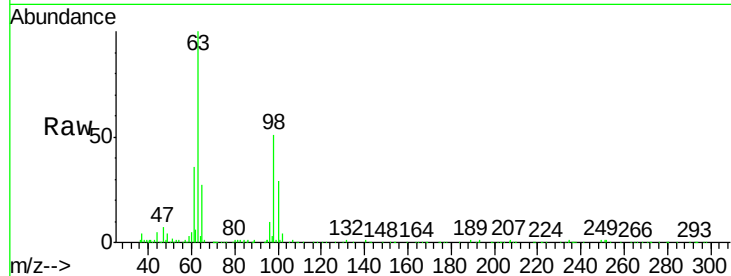
Tgt Ion: 96 Resp: 6203

Ion Ratio Lower Upper

96 100

61 374.2 155.0 287.9#

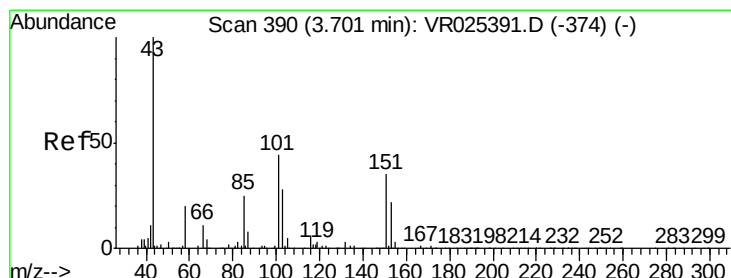
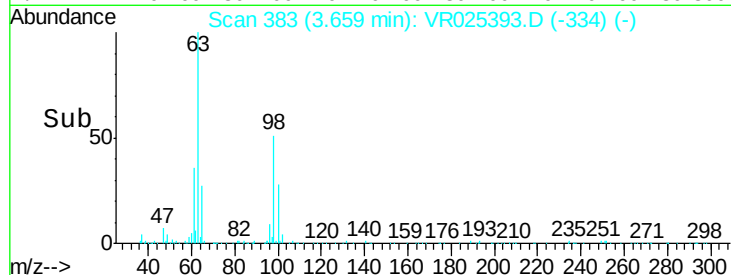
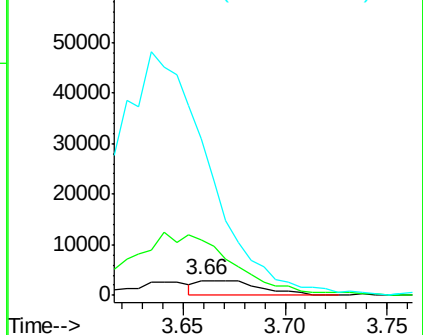
63 1045.7 122.3 227.1#



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



#13

Acetone

Concen: 0.397 ug/L

RT: 3.70 min Scan# 389

Delta R.T. -0.01 min

Lab File: VR025393.D

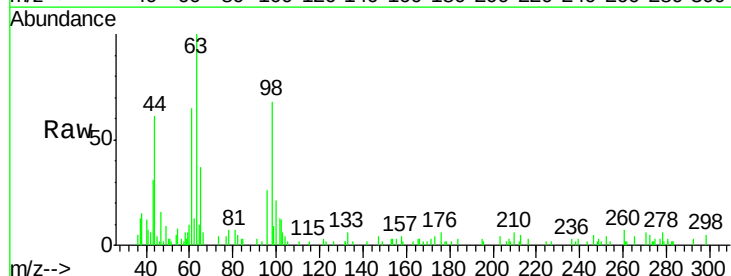
Acq: 21 Jun 2018 11:53

Tgt Ion: 43 Resp: 1058

Ion Ratio Lower Upper

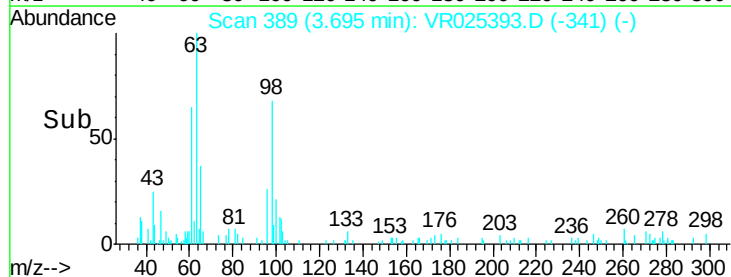
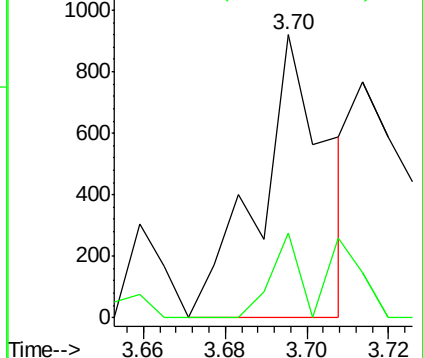
43 100

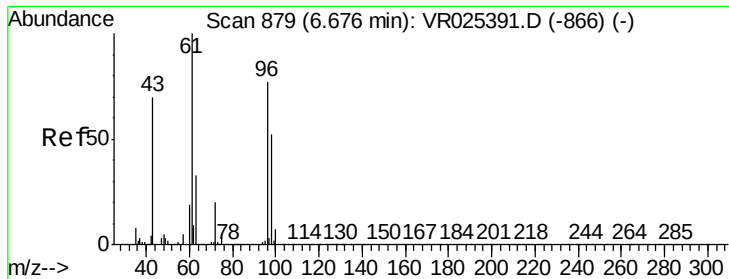
58 12.5 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

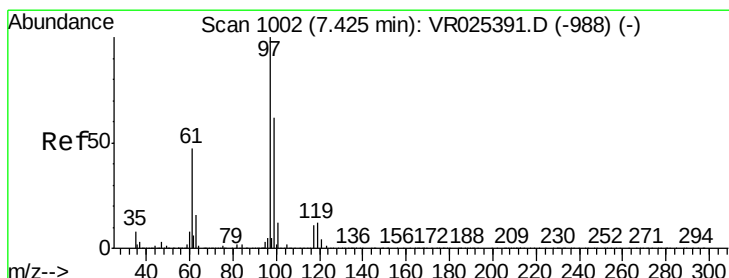
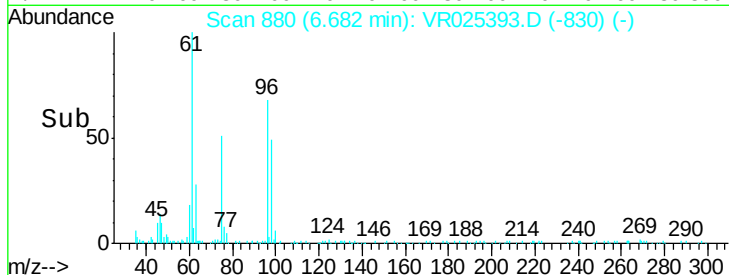
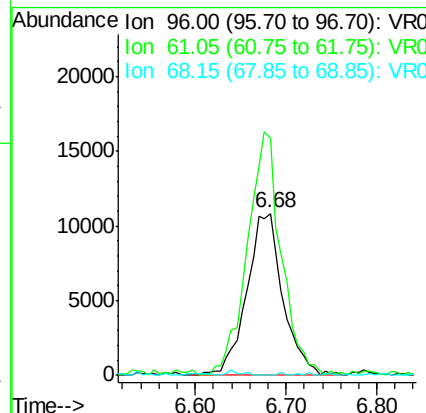
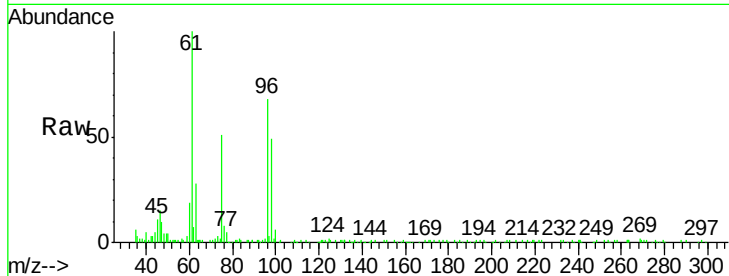




#22
 cis-1,2-Dichloroethene
 Concen: 0.616 ug/L
 RT: 6.68 min Scan# 880
 Delta R.T. 0.01 min
 Lab File: VR025393.D
 Acq: 21 Jun 2018 11:53

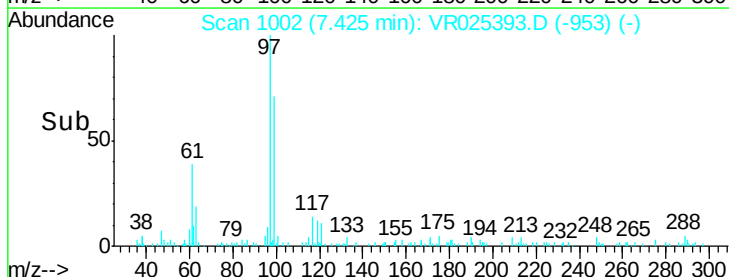
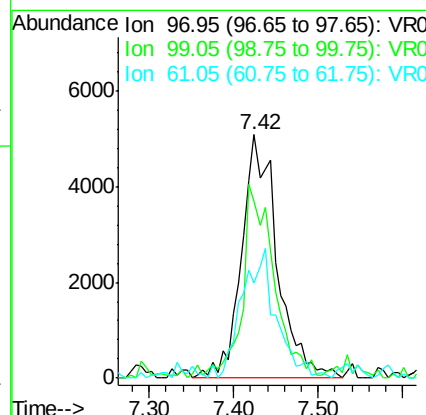
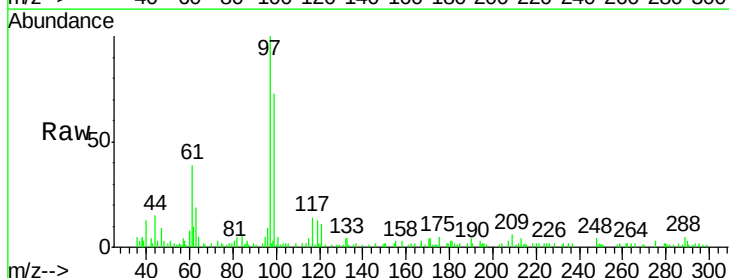
Instrument :
 MSVOA_R
 ClientSampleID :
 C0KG8DL

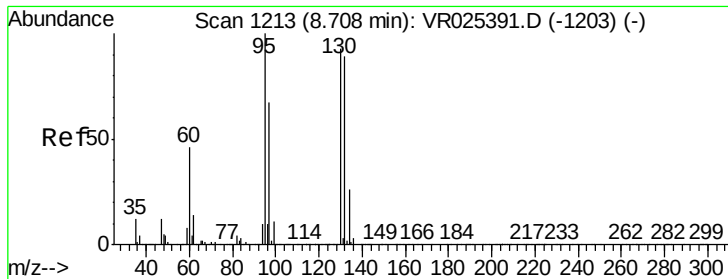
Tgt Ion: 96 Resp: 30004
 Ion Ratio Lower Upper
 96 100
 61 146.1 91.0 169.0
 68 0.0 0.0 0.0



#29
 1,1,1-Trichloroethane
 Concen: 0.235 ug/L
 RT: 7.42 min Scan# 1002
 Delta R.T. 0.00 min
 Lab File: VR025393.D
 Acq: 21 Jun 2018 11:53

Tgt Ion: 97 Resp: 14553
 Ion Ratio Lower Upper
 97 100
 99 70.4 52.1 78.1
 61 51.7 37.0 55.6





#34

Trichloroethene

Concen: 7.021 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025393.D

Acq: 21 Jun 2018 11:53

Instrument :

MSVOA_R

ClientSampleId :

C0KG8DL

Tgt Ion: 95 Resp: 347872

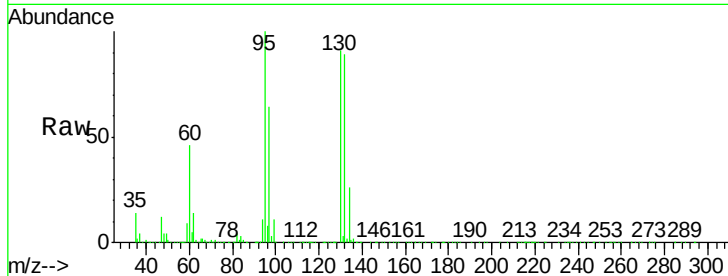
Ion Ratio Lower Upper

95 100

97 64.4 45.6 84.6

132 88.5 60.9 113.1

130 91.4 62.0 115.2

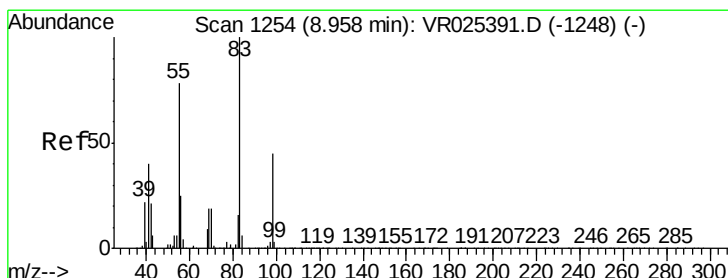
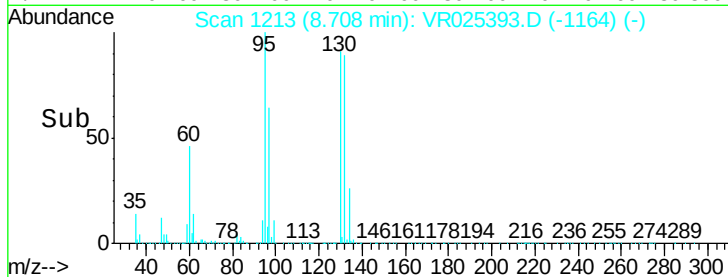
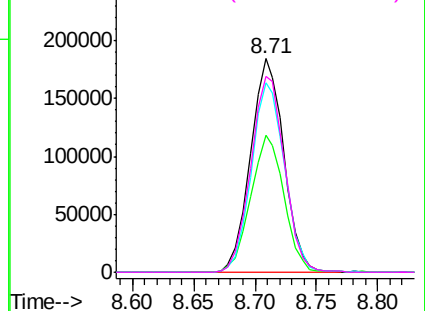


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.716 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025393.D

Acq: 21 Jun 2018 11:53

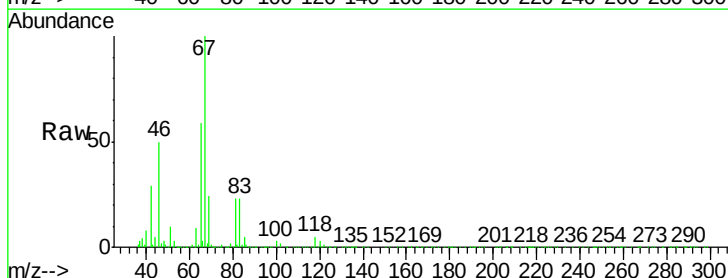
Tgt Ion: 83 Resp: 55986

Ion Ratio Lower Upper

83 100

55 1.0 66.1 99.1#

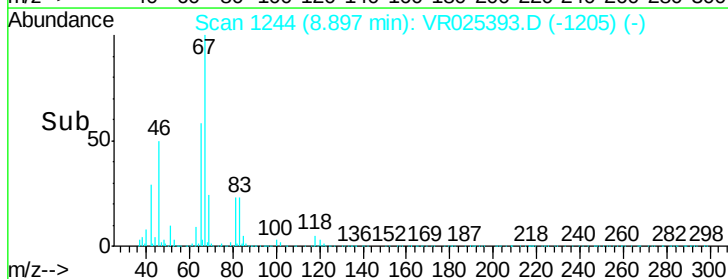
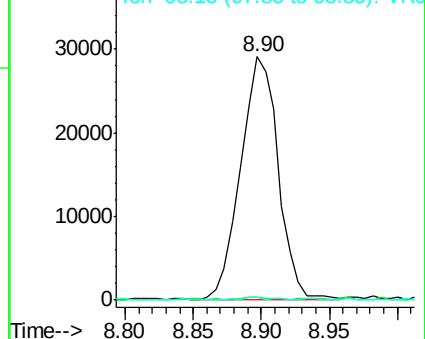
98 0.9 36.2 54.4#

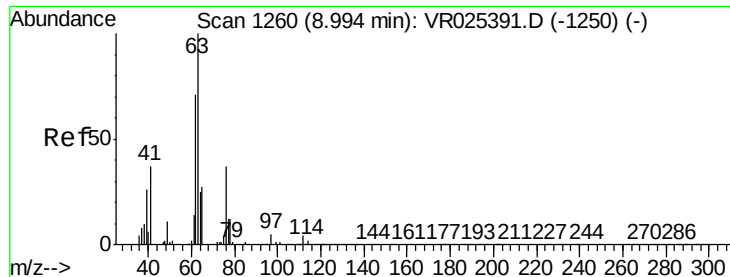


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.552 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025393.D

Acq: 21 Jun 2018 11:53

Instrument :

MSVOA_R

ClientSampleId :

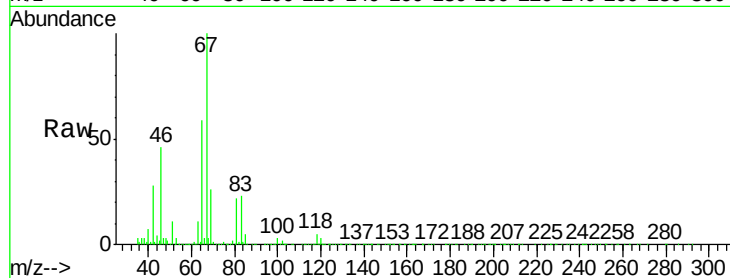
C0KG8DL

Tgt Ion: 63 Resp: 25115

Ion Ratio Lower Upper

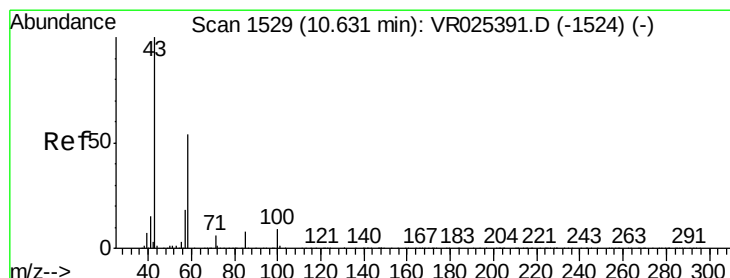
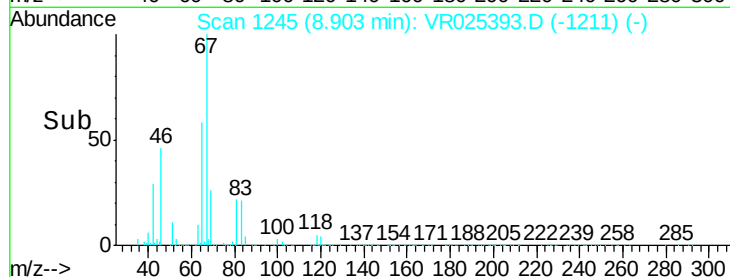
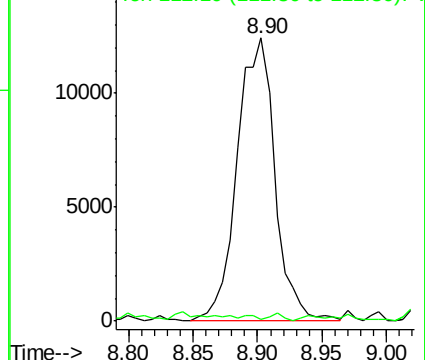
63 100

112 1.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V



#48

2-Hexanone

Concen: 3.186 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025393.D

Acq: 21 Jun 2018 11:53

Tgt Ion: 43 Resp: 29922

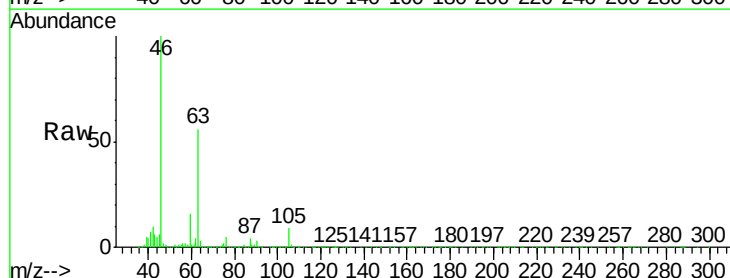
Ion Ratio Lower Upper

43 100

58 26.8 43.1 64.7#

57 29.2 15.3 22.9#

100 2.6 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

