

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025343.D
 Acq On : 17 Jun 2018 3:22
 Operator : SY/MD
 Sample : J3513-03
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KD8

Quant Time: Jun 18 04:09:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	521392	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	450589	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	145471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	70919	3.99	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	2.64	69	58524	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	3.63	63	136368	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	6.59	46	251384	52.81	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.62%
24) Chloroform-d	7.20	84	269601	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.20%
26) 1,2-Dichloroethane-d4	7.90	65	111323	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
32) Benzene-d6	7.86	84	541842	3.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	71.00%
36) 1,2-Dichloropropane-d6	8.90	67	178868	4.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.40%
41) Toluene-d8	9.97	98	424509	3.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	62.80%#
43) trans-1,3-Dichloropropene-	10.24	79	27683	2.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	48.00%#
46) 2-Hexanone-d5	10.59	63	200649	50.05	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.10%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	81684	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	103484	4.19	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	83.80%

Target Compounds

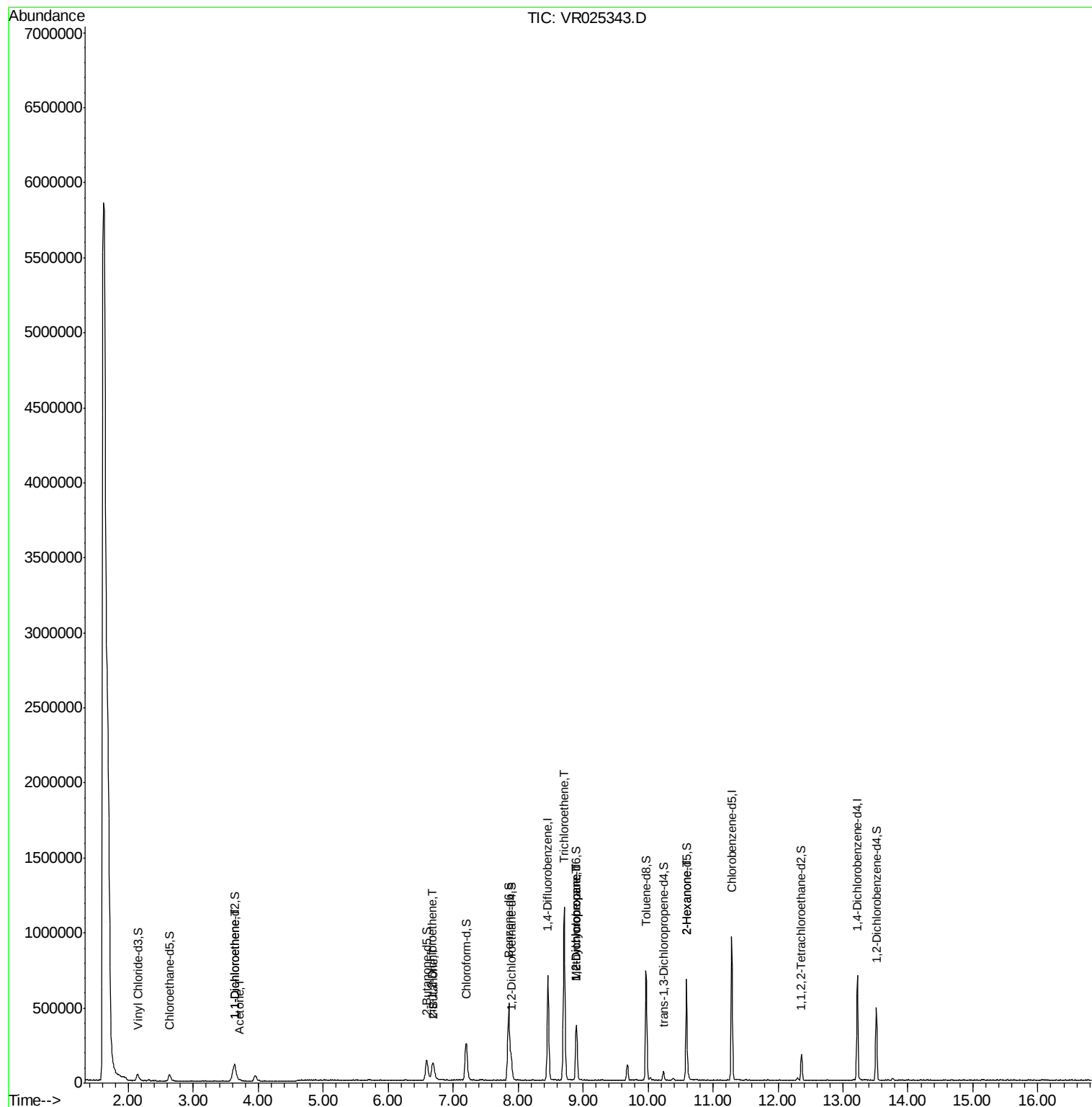
					Qvalue
12) 1,1-Dichloroethene	3.64	96	8038	0.439 ug/L #	1
13) Acetone	3.70	43	15784	7.342 ug/L	90
21) 2-Butanone	6.70	43	8336	1.640 ug/L	87
22) cis-1,2-Dichloroethene	6.68	96	17517	0.446 ug/L	91
34) Trichloroethene	8.71	95	408267	9.539 ug/L	96
35) Methylcyclohexane	8.90	83	39238	0.581 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	18588	0.473 ug/L	100
48) 2-Hexanone	10.59	43	24637	3.037 ug/L #	72

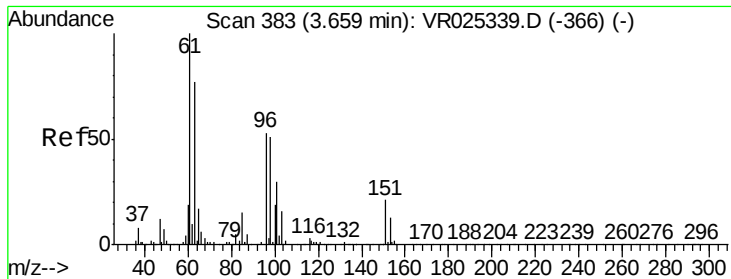
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 04:02:12 2018
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.439 ug/L

RT: 3.64 min Scan# 380

Delta R.T. -0.02 min

Lab File: VR025343.D

Acq: 17 Jun 2018 3:22

Instrument :

MSVOA_R

ClientSampleID :

C0KD8

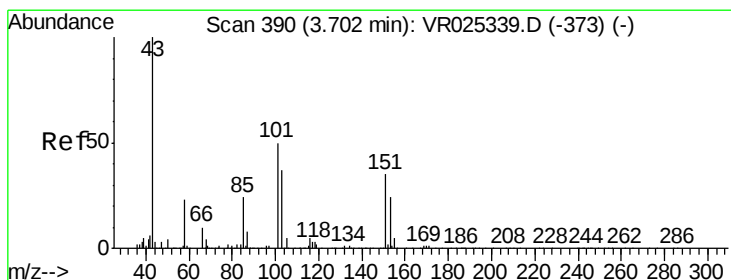
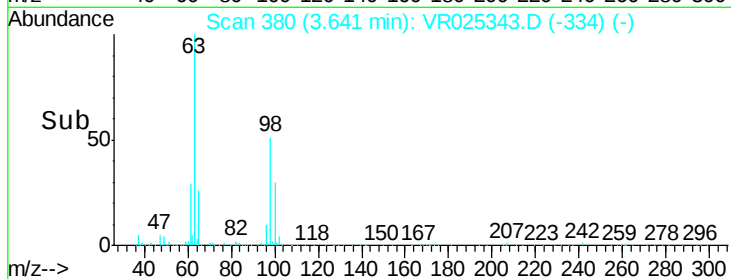
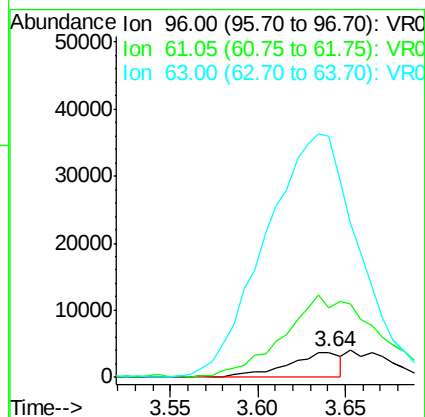
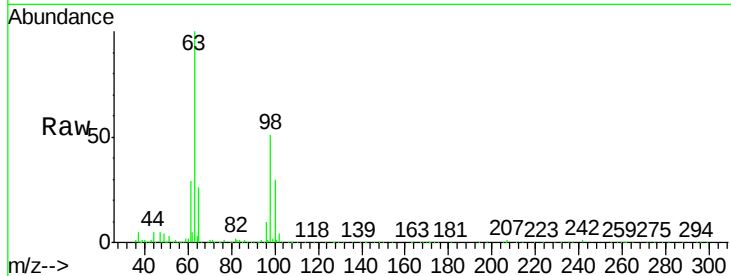
Tgt Ion: 96 Resp: 8038

Ion Ratio Lower Upper

96 100

61 261.3 155.0 287.9

63 905.6 122.3 227.1#



#13

Acetone

Concen: 7.342 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025343.D

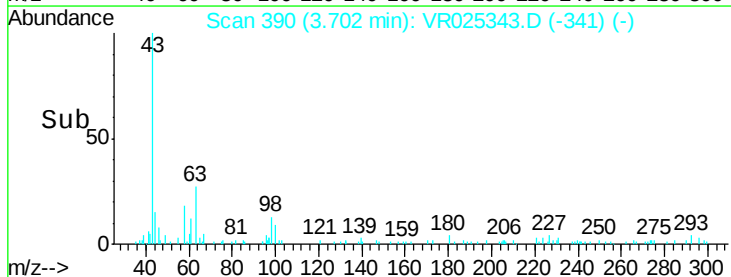
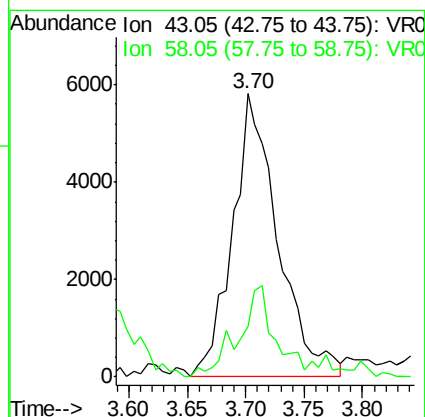
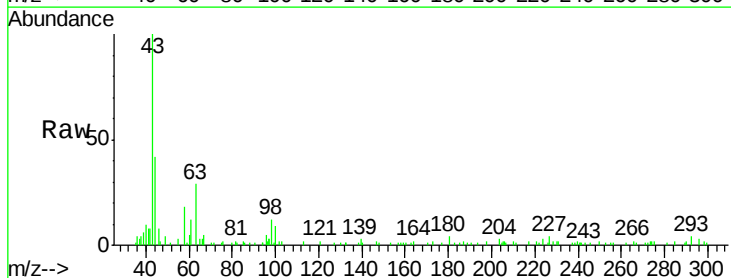
Acq: 17 Jun 2018 3:22

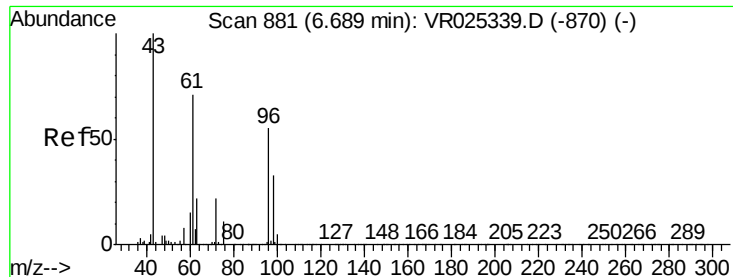
Tgt Ion: 43 Resp: 15784

Ion Ratio Lower Upper

43 100

58 25.6 0.0 41.6





#21

2-Butanone

Concen: 1.640 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025343.D

Acq: 17 Jun 2018 3:22

Instrument :

MSVOA_R

ClientSampleId :

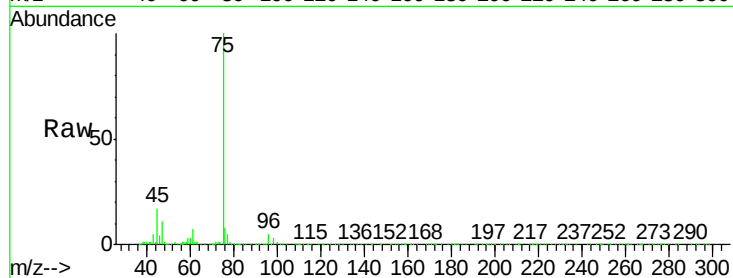
C0KD8

Tgt Ion: 43 Resp: 8336

Ion Ratio Lower Upper

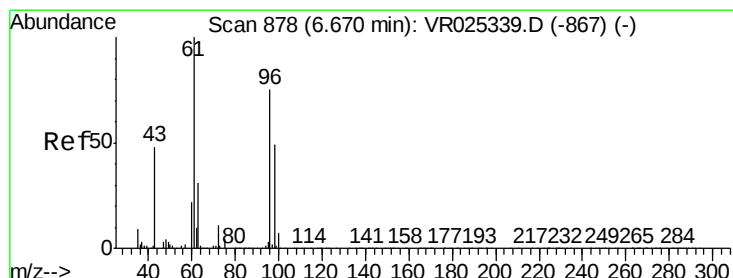
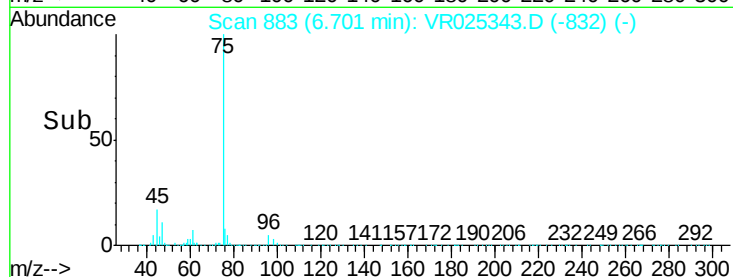
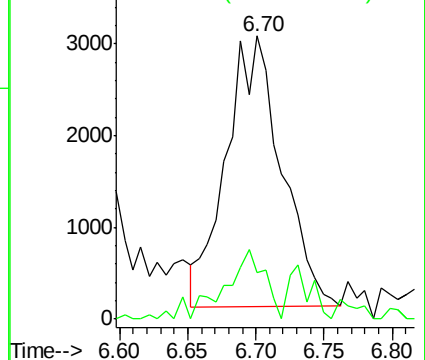
43 100

72 19.2 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



#22

cis-1,2-Dichloroethene

Concen: 0.446 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.01 min

Lab File: VR025343.D

Acq: 17 Jun 2018 3:22

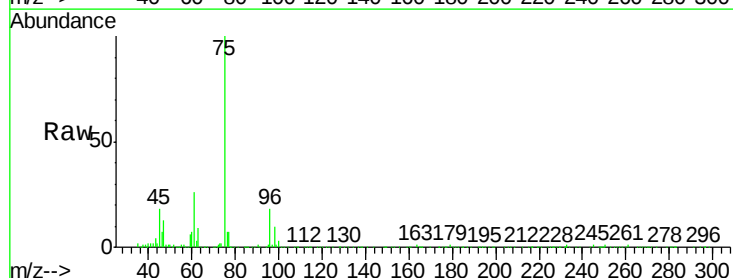
Tgt Ion: 96 Resp: 17517

Ion Ratio Lower Upper

96 100

61 139.9 91.0 169.0

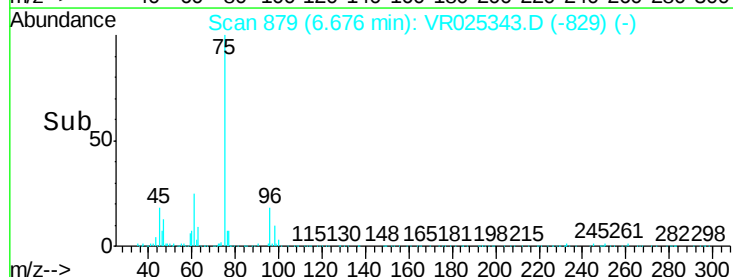
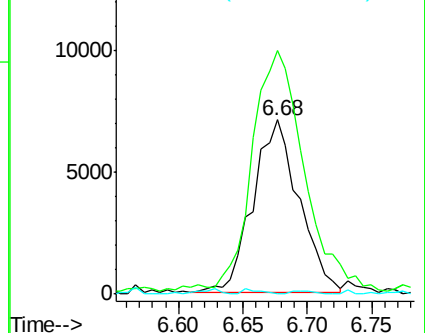
68 0.0 0.0 0.0

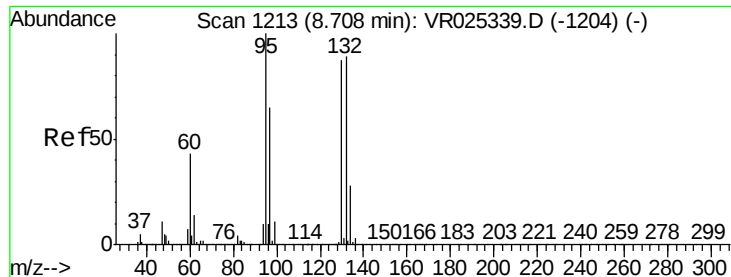


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 9.539 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025343.D

Acq: 17 Jun 2018 3:22

Instrument :

MSVOA_R

ClientSampleId :

C0KD8

Tgt Ion: 95 Resp: 408267

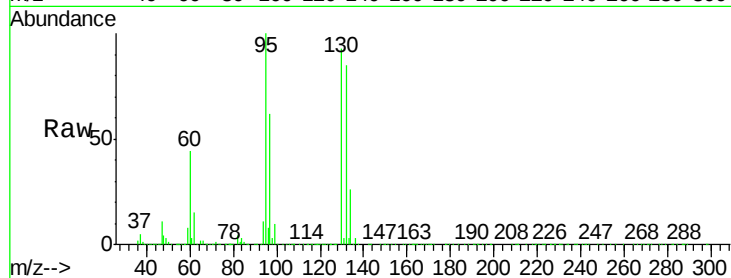
Ion Ratio Lower Upper

95 100

97 61.8 45.6 84.6

132 84.6 60.9 113.1

130 93.2 62.0 115.2

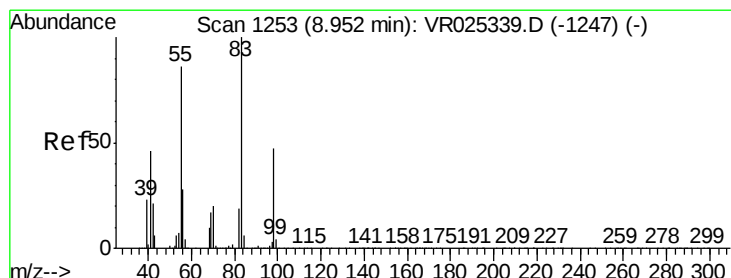
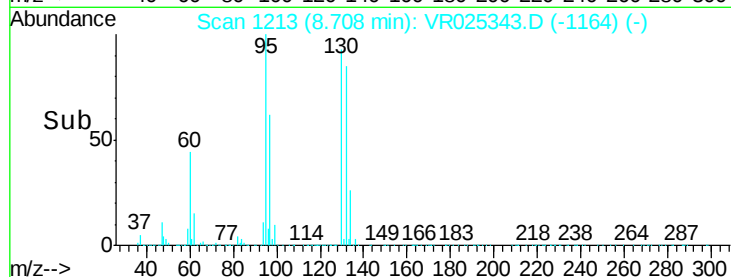
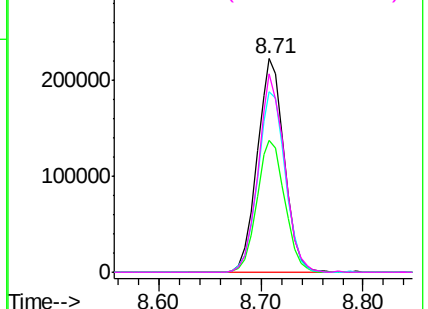


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.581 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025343.D

Acq: 17 Jun 2018 3:22

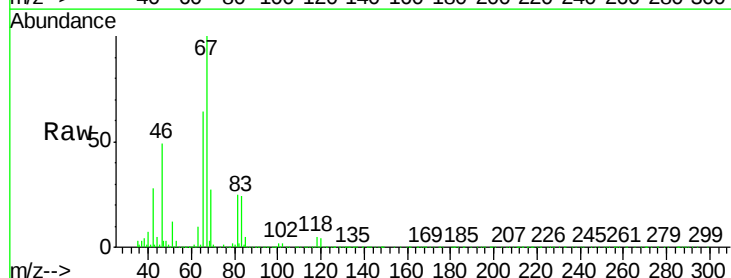
Tgt Ion: 83 Resp: 39238

Ion Ratio Lower Upper

83 100

55 0.5 66.1 99.1#

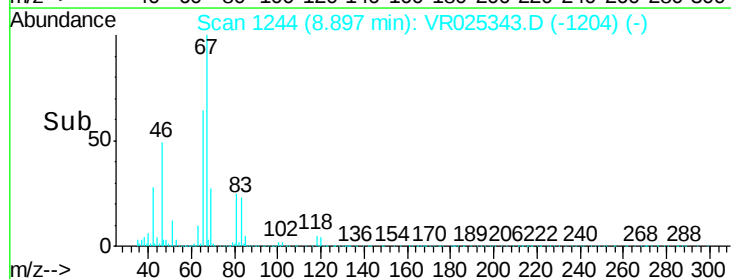
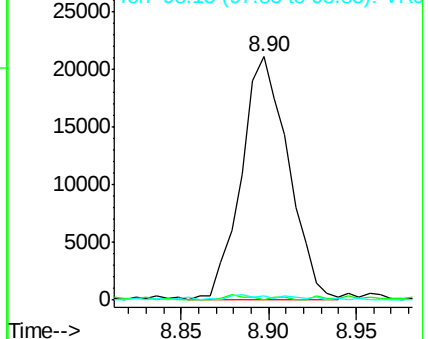
98 0.0 36.2 54.4#

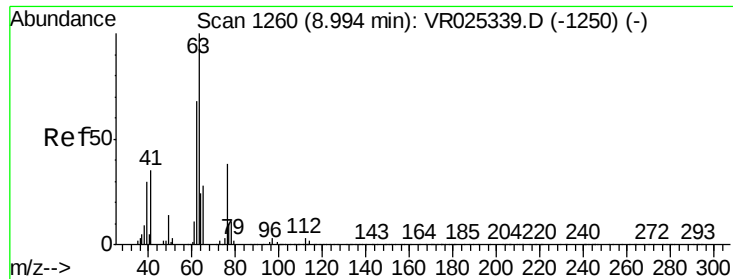


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

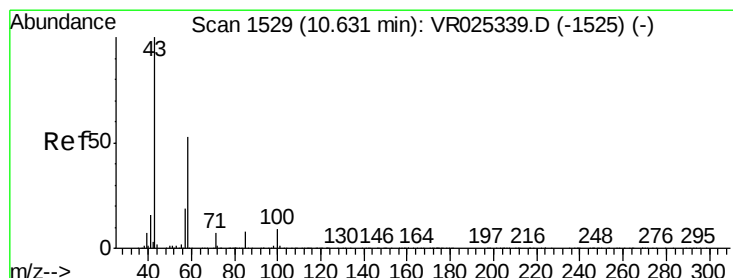
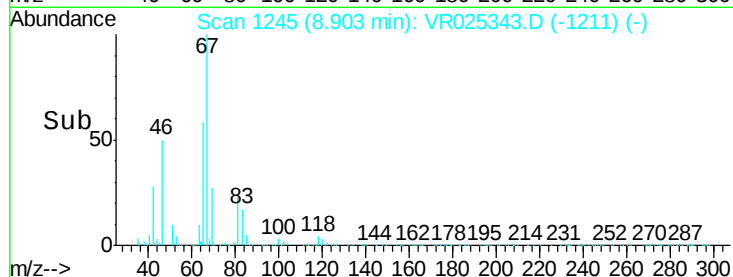
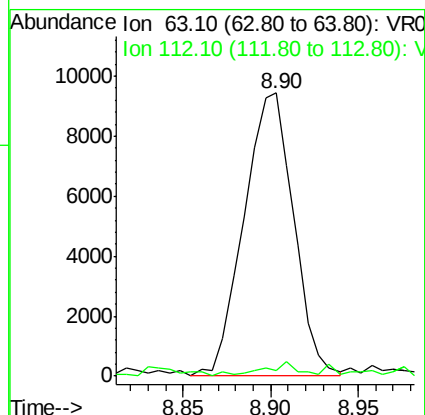
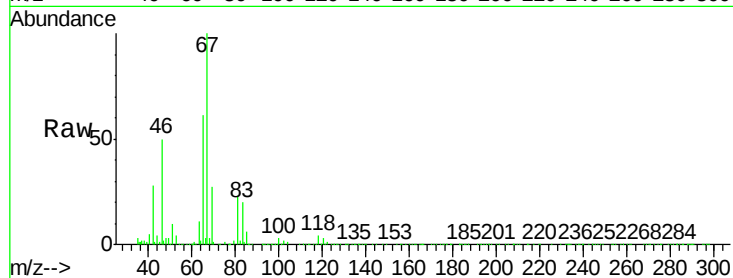




#37
 1,2-Dichloropropane
 Concen: 0.473 ug/L
 RT: 8.90 min Scan# 1245
 Delta R.T. -0.09 min
 Lab File: VR025343.D
 Acq: 17 Jun 2018 3:22

Instrument :
 MSVOA_R
 ClientSampled :
 C0KD8

Tgt Ion: 63 Resp: 18588
 Ion Ratio Lower Upper
 63 100
 112 3.5 2.9 4.3



#48
 2-Hexanone
 Concen: 3.037 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025343.D
 Acq: 17 Jun 2018 3:22

Tgt Ion: 43 Resp: 24637
 Ion Ratio Lower Upper
 43 100
 58 32.5 43.1 64.7#
 57 32.2 15.3 22.9#
 100 4.5 7.9 11.9#

