

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025370.D
 Acq On : 19 Jun 2018 17:34
 Operator : SY/MD
 Sample : J3553-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KK3

Quant Time: Jun 20 01:38:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	511281	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	439273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	148315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	79130	4.54	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.80%
7) Chloroethane-d5	2.65	69	58262	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.65	63	164193	3.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	6.60	46	293641	62.91	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.82%
24) Chloroform-d	7.20	84	351787	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	7.89	65	151766	6.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.80%
32) Benzene-d6	7.86	84	756742	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	8.90	67	239056	5.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.00%
41) Toluene-d8	9.97	98	665727	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.00%
43) trans-1,3-Dichloropropene-	10.24	79	43392	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	10.59	63	257178	65.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.60%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	105931	6.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	154404	6.14	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.80%#

Target Compounds

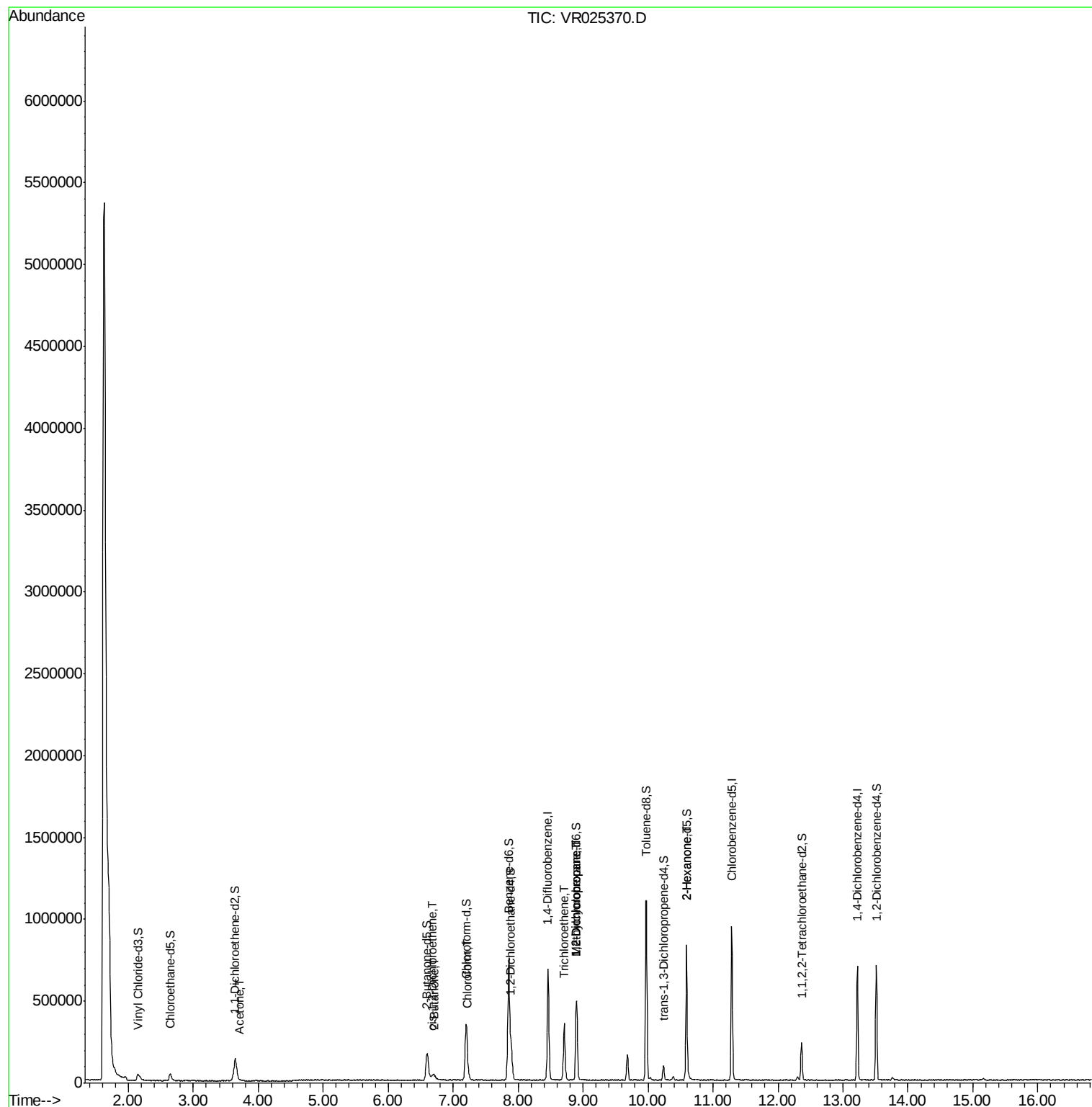
					Qvalue
13) Acetone	3.71	43	4779	2.267 ug/L	87
21) 2-Butanone	6.70	43	2306	0.463 ug/L	93
22) cis-1,2-Dichloroethene	6.68	96	11226	0.291 ug/L #	70
25) Chloroform	7.23	83	15791	0.249 ug/L	99
34) Trichloroethene	8.71	95	122875	2.945 ug/L	96
35) Methylcyclohexane	8.90	83	51447	0.781 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	25386	0.662 ug/L #	98
48) 2-Hexanone	10.59	43	33388	4.222 ug/L #	67

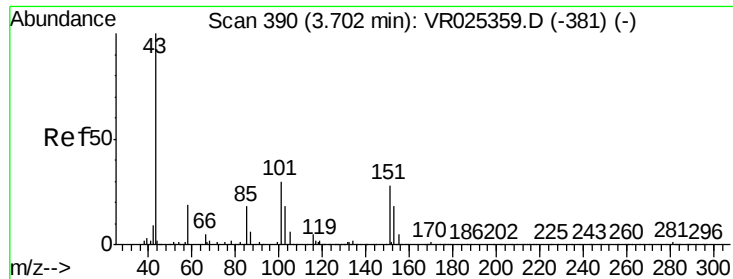
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Jun 20 01:37:06 2018
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#13

Acetone

Concen: 2.267 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

Lab File: VR025370.D

Acq: 19 Jun 2018 17:34

Instrument :

MSVOA_R

ClientSampleId :

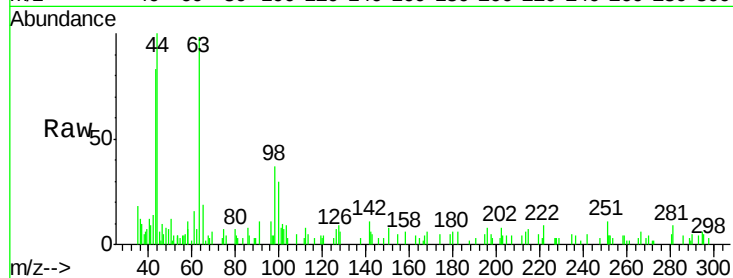
C0KK3

Tgt Ion: 43 Resp: 4779

Ion Ratio Lower Upper

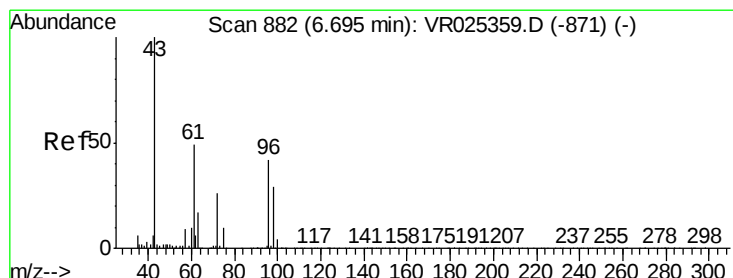
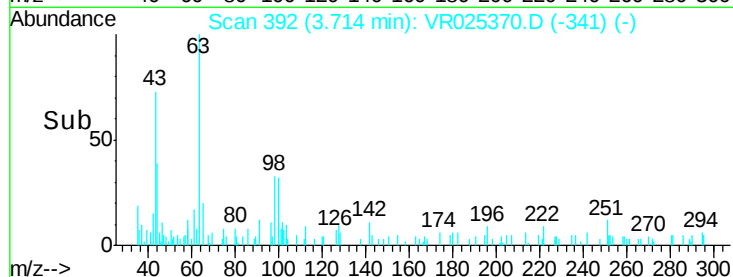
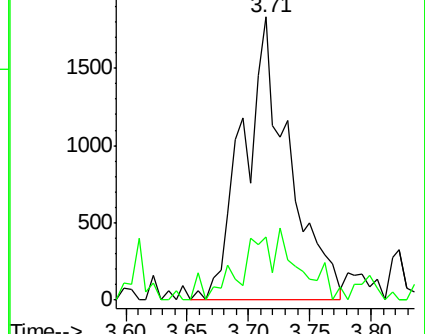
43 100

58 15.0 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.463 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025370.D

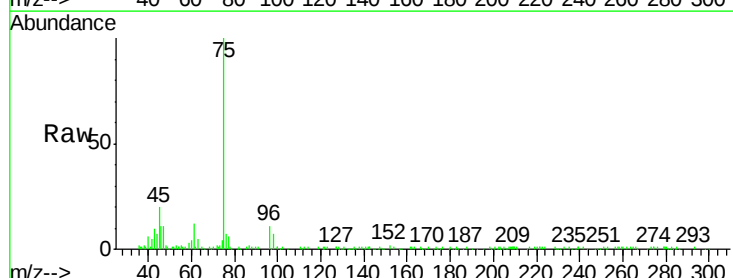
Acq: 19 Jun 2018 17:34

Tgt Ion: 43 Resp: 2306

Ion Ratio Lower Upper

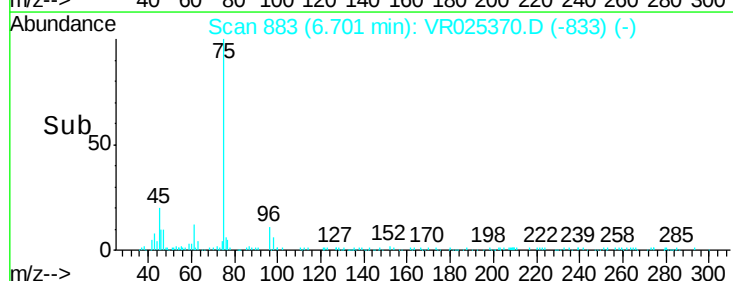
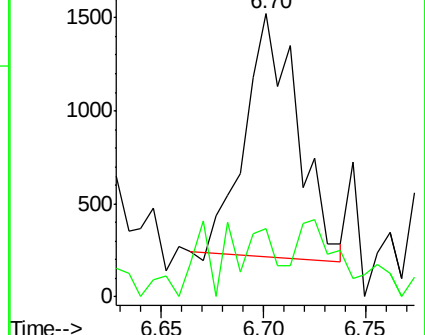
43 100

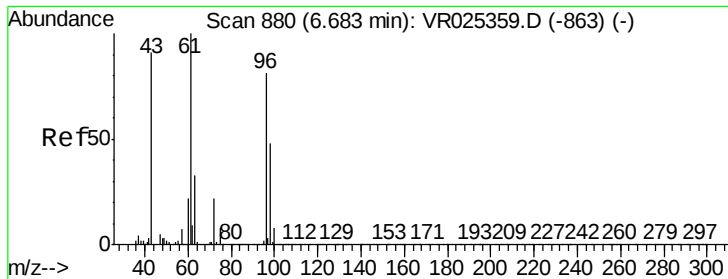
72 22.4 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0



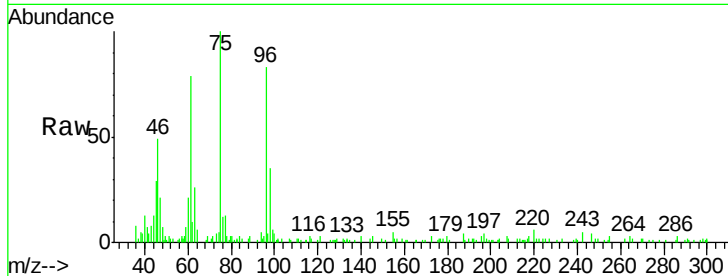


#22

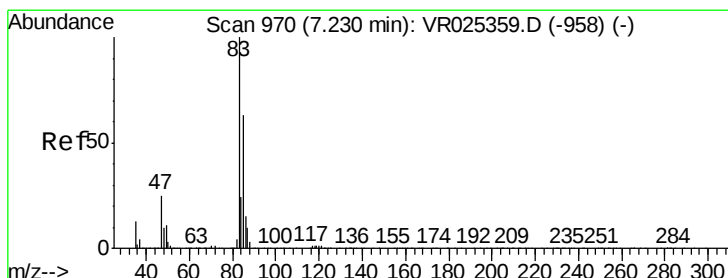
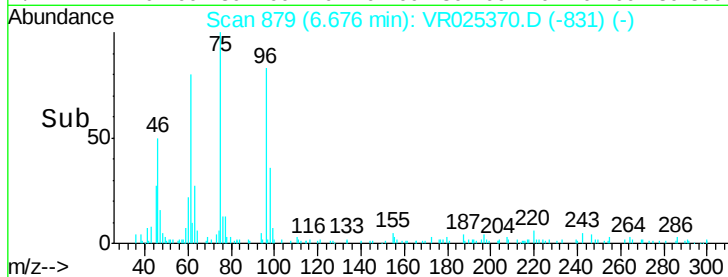
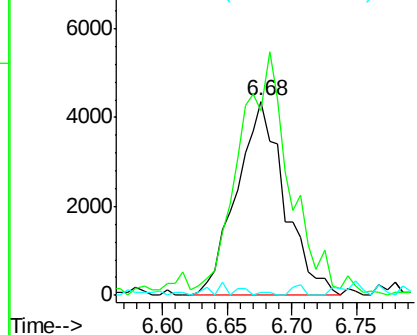
cis-1,2-Dichloroethene
Concen: 0.291 ug/L
RT: 6.68 min Scan# 879
Delta R.T. -0.01 min
Lab File: VR025370.D
Acq: 19 Jun 2018 17:34

Instrument :
MSVOA_R
ClientSampleId :
C0KK3

Tgt Ion: 96 Resp: 11226
Ion Ratio Lower Upper
96 100
61 95.3 91.0 169.0
68 1.3 0.0 0.0#



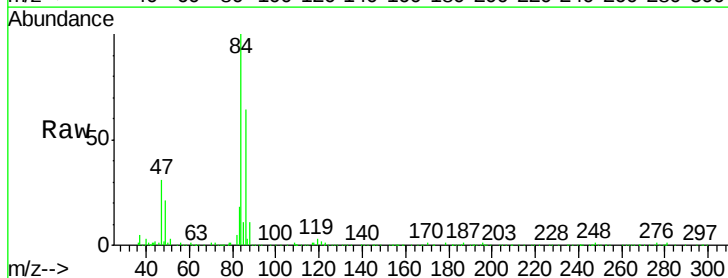
Abundance Ion 96.00 (95.70 to 96.70): VR0
Ion 61.05 (60.75 to 61.75): VR0
Ion 68.15 (67.85 to 68.85): VR0



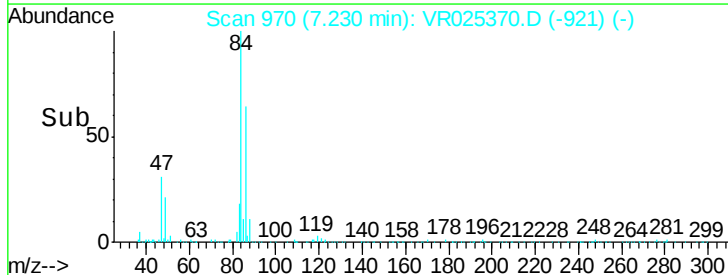
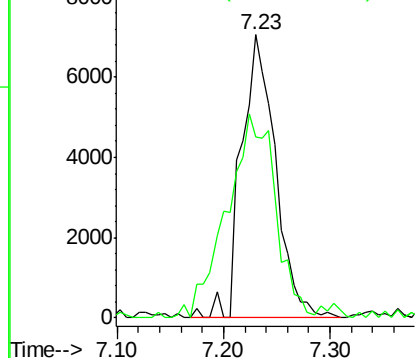
#25

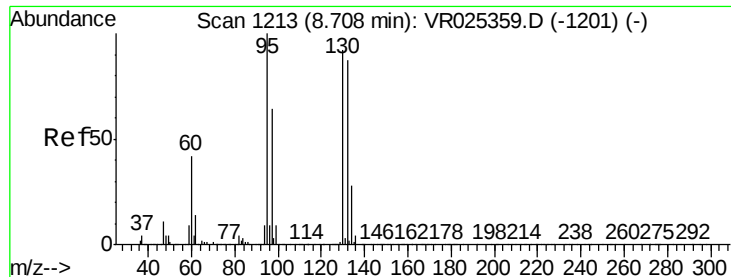
Chloroform
Concen: 0.249 ug/L
RT: 7.23 min Scan# 970
Delta R.T. -0.00 min
Lab File: VR025370.D
Acq: 19 Jun 2018 17:34

Tgt Ion: 83 Resp: 15791
Ion Ratio Lower Upper
83 100
85 64.0 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VR0
Ion 85.00 (84.70 to 85.70): VR0





#34

Trichloroethene

Concen: 2.945 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025370.D

Acq: 19 Jun 2018 17:34

Instrument :

MSVOA_R

ClientSampleId :

C0KK3

Tgt Ion: 95 Resp: 122875

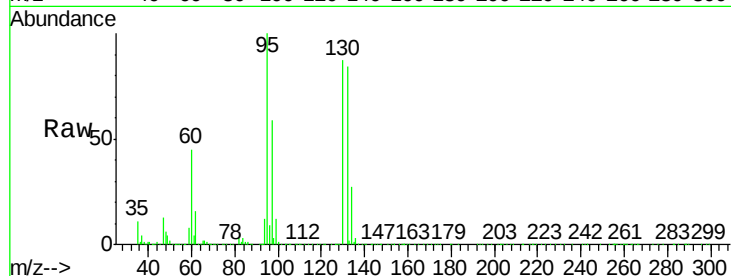
Ion Ratio Lower Upper

95 100

97 59.2 45.6 84.6

132 83.8 60.9 113.1

130 87.0 62.0 115.2

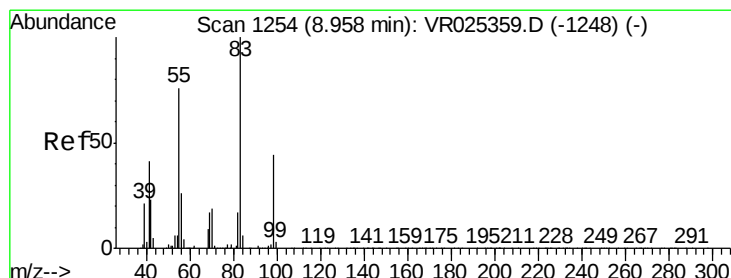
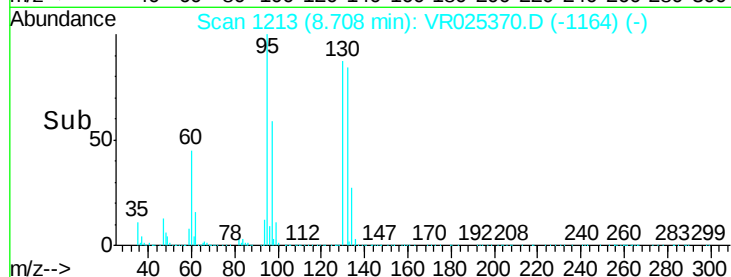
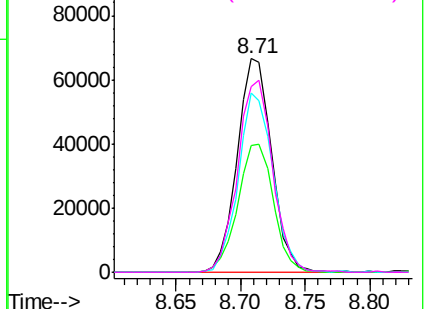


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.781 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025370.D

Acq: 19 Jun 2018 17:34

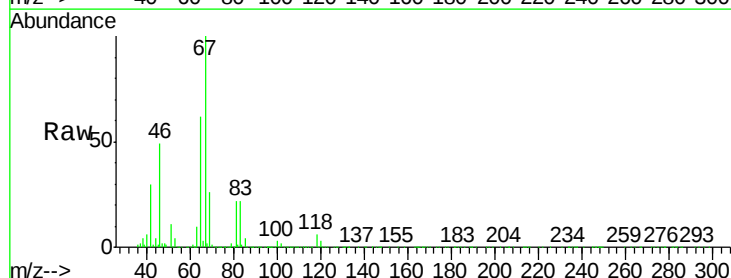
Tgt Ion: 83 Resp: 51447

Ion Ratio Lower Upper

83 100

55 0.9 66.1 99.1#

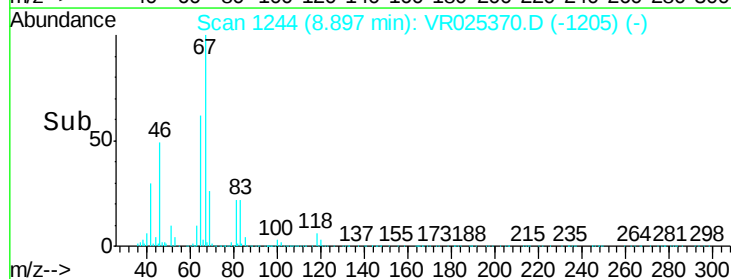
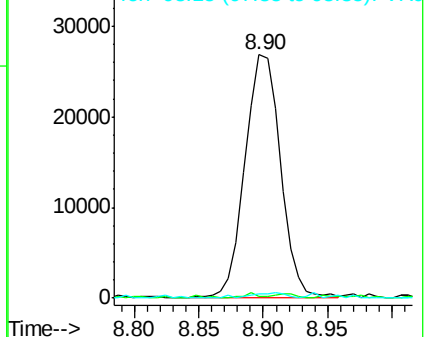
98 0.3 36.2 54.4#

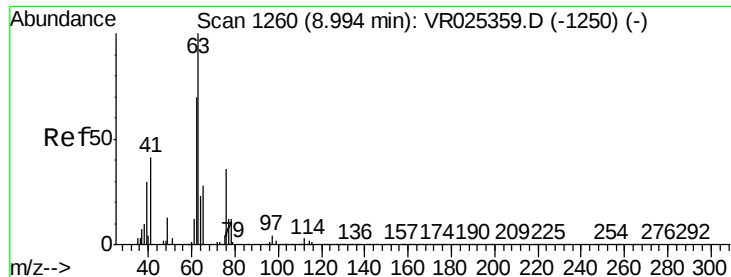


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025370.D

Acq: 19 Jun 2018 17:34

Instrument :

MSVOA_R

ClientSampled :

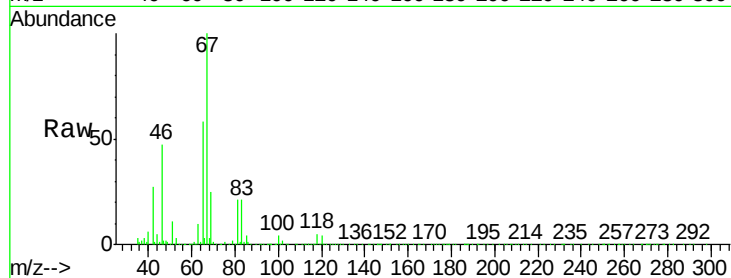
C0KK3

Tgt Ion: 63 Resp: 25386

Ion Ratio Lower Upper

63 100

112 2.8 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

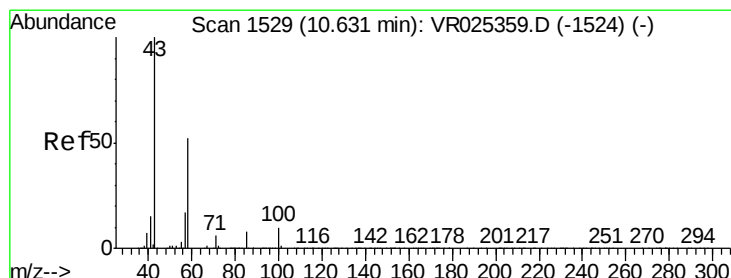
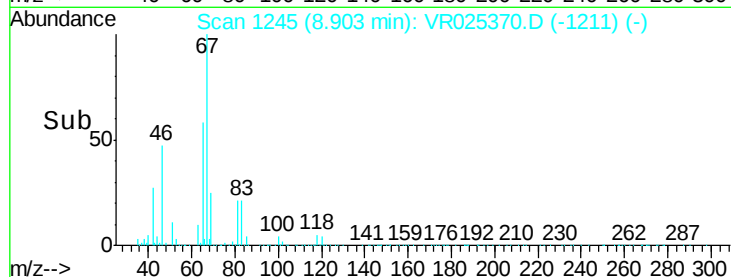
8.90

10000

5000

0

Time--> 8.80 8.85 8.90 8.95 9.00



#48

2-Hexanone

Concen: 4.222 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025370.D

Acq: 19 Jun 2018 17:34

Tgt Ion: 43 Resp: 33388

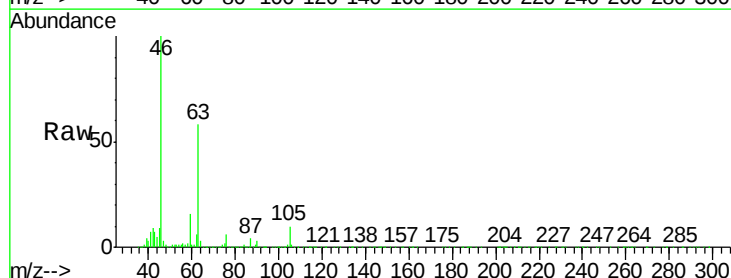
Ion Ratio Lower Upper

43 100

58 24.5 43.1 64.7#

57 28.5 15.3 22.9#

100 4.3 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

30000

25000

20000

15000

10000

5000

0

Time--> 10.50 10.60

