

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025325.D
 Acq On : 16 Jun 2018 15:52
 Operator : SY/MD
 Sample : J3549-21
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWD3

Quant Time: Jun 18 02:41:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 02:40:54 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	602795	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	495191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153623	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	102577	4.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.80%
7) Chloroethane-d5	2.64	69	77149	5.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.20%
11) 1,1-Dichloroethene-d2	3.63	63	188682	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	6.59	46	269074	48.89	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.78%
24) Chloroform-d	7.19	84	352666	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	7.89	65	141420	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	7.86	84	789928	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	8.90	67	231627	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.20%
41) Toluene-d8	9.97	98	669704	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	40720	3.21	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.20%
46) 2-Hexanone-d5	10.59	63	214147	48.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93296	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	136104	5.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.40%

Target Compounds

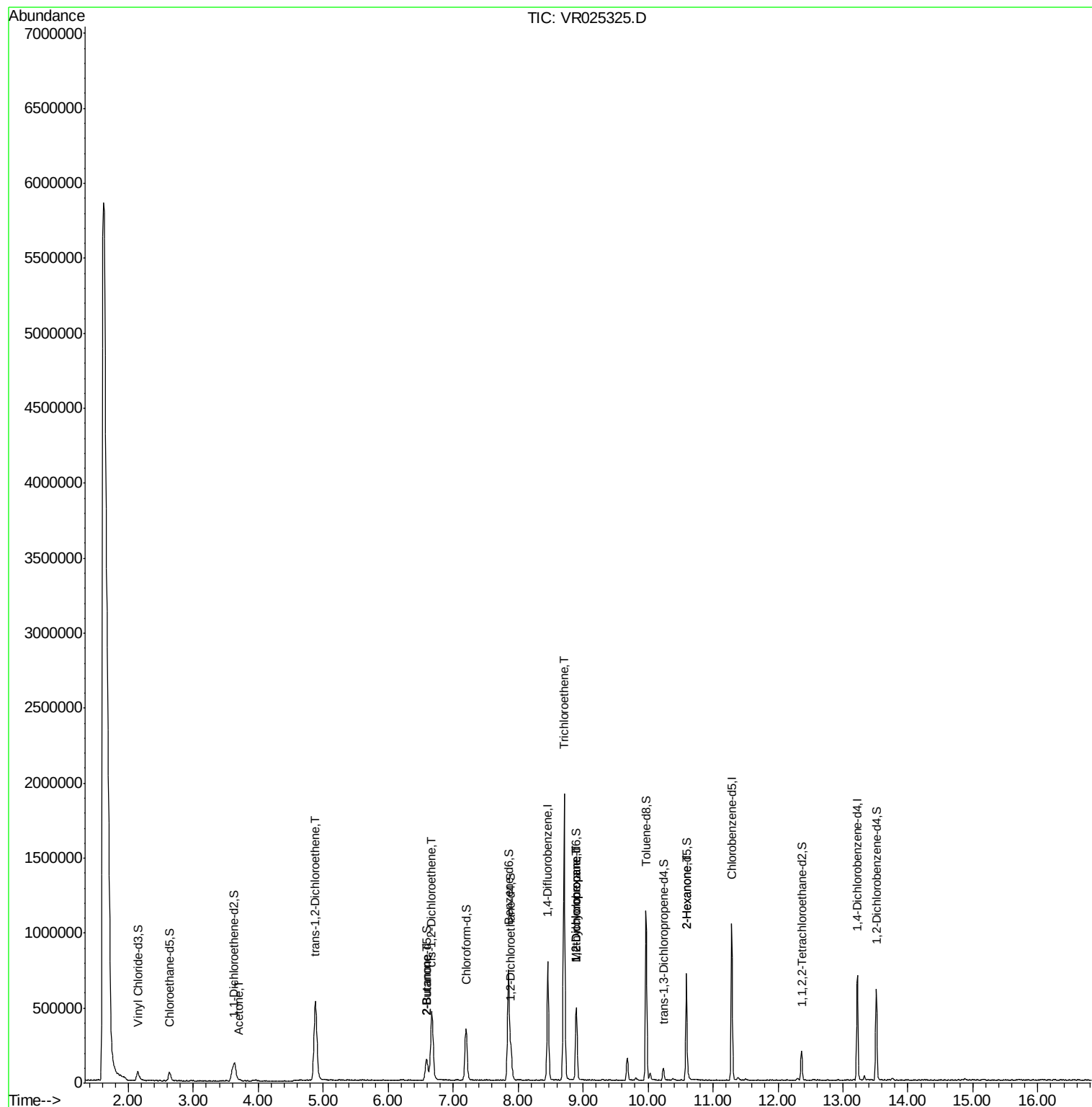
					Qvalue
13) Acetone	3.71	43	15968	6.424	ug/L 100
18) trans-1,2-Dichloroethene	4.88	96	350688	8.051	ug/L 97
21) 2-Butanone	6.60	43	1867	0.318	ug/L 76
22) cis-1,2-Dichloroethene	6.67	96	276344	6.079	ug/L 97
34) Trichloroethene	8.71	95	658170	13.992	ug/L 99
35) Methylcyclohexane	8.90	83	51072	0.688	ug/L # 17
37) 1,2-Dichloropropane	8.90	63	23838	0.552	ug/L # 91
48) 2-Hexanone	10.59	43	25142	2.820	ug/L # 70

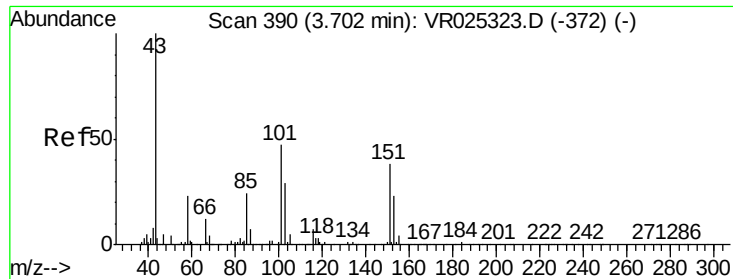
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
Data File : VR025325.D
Acq On : 16 Jun 2018 15:52
Operator : SY/MD
Sample : J3549-21
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
ESWD3

Quant Time: Jun 18 02:41:12 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon Jun 18 02:40:54 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.424 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

Instrument :

MSVOA_R

ClientSampleId :

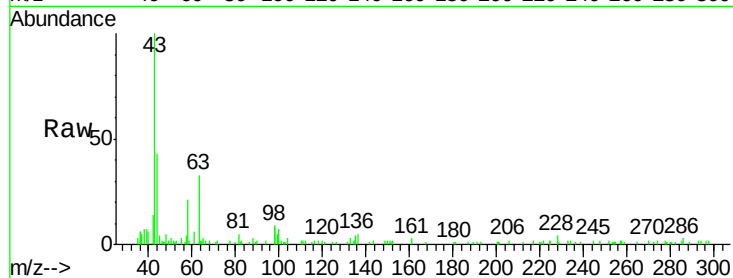
ESWD3

Tgt Ion: 43 Resp: 15968

Ion Ratio Lower Upper

43 100

58 20.9 0.0 41.6

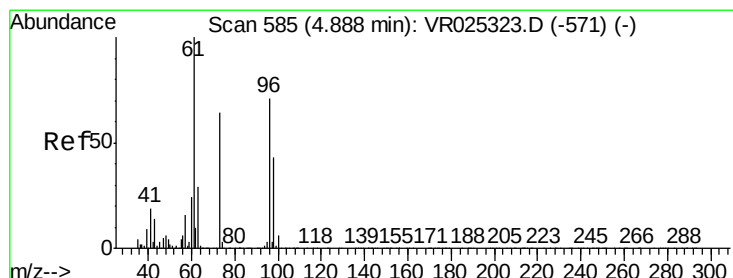
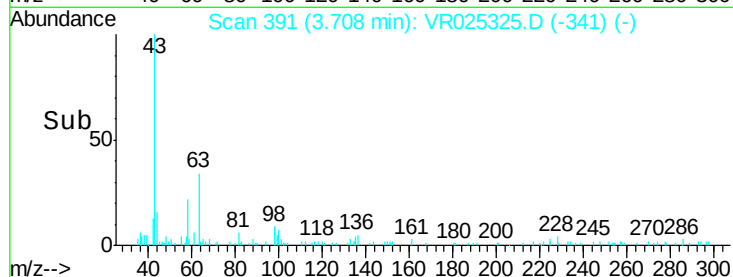


Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

3.71

Time-->



#18

trans-1,2-Dichloroethene

Concen: 8.051 ug/L

RT: 4.88 min Scan# 584

Delta R.T. -0.01 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

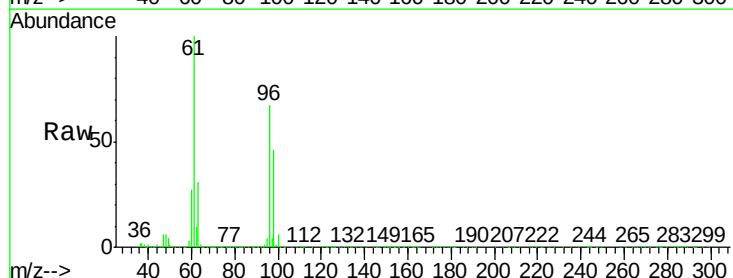
Tgt Ion: 96 Resp: 350688

Ion Ratio Lower Upper

96 100

61 148.3 104.4 193.8

98 68.2 43.1 80.1



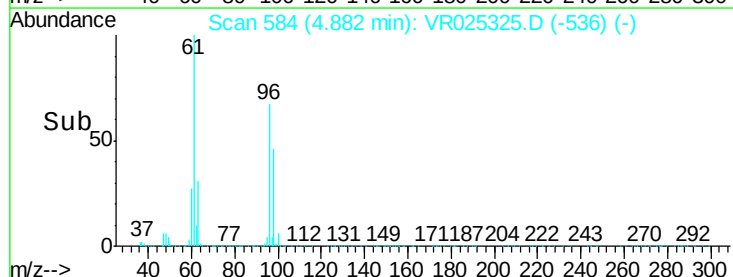
Abundance Ion 96.00 (95.70 to 96.70): VR0

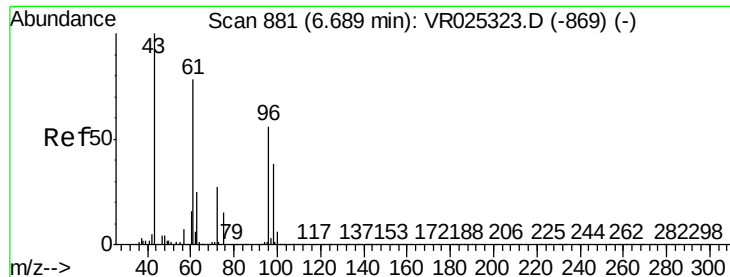
Ion 61.05 (60.75 to 61.75): VR0

Ion 97.95 (97.65 to 98.65): VR0

4.88

Time-->





#21

2-Butanone

Concen: 0.318 ug/L

RT: 6.60 min Scan# 867

Delta R.T. -0.09 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

Instrument :

MSVOA_R

ClientSampled :

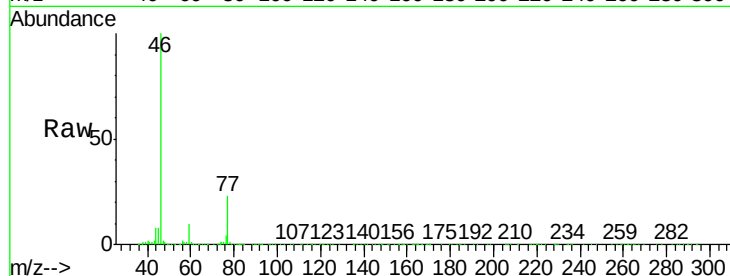
ESWD3

Tgt Ion: 43 Resp: 1867

Ion Ratio Lower Upper

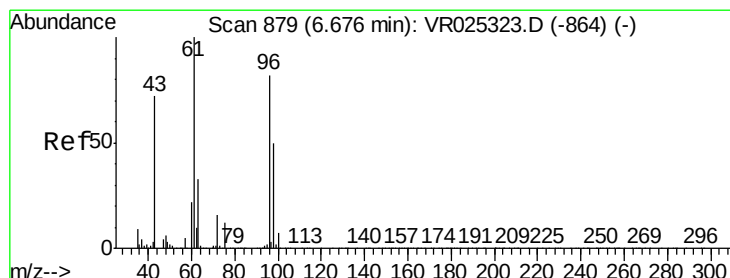
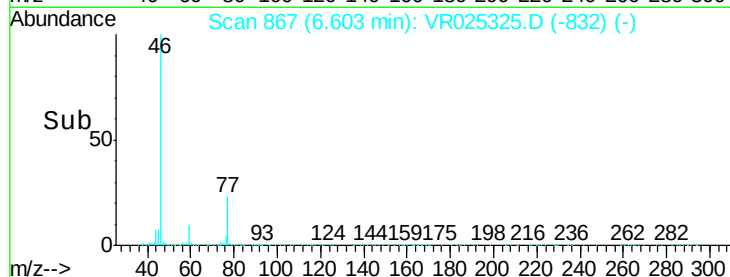
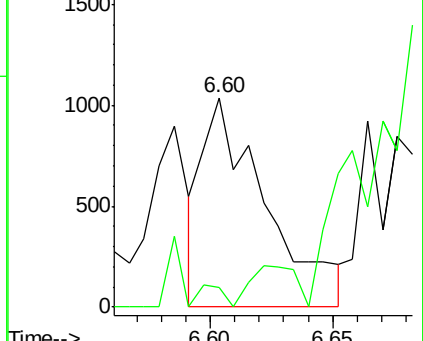
43 100

72 13.9 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: 6.079 ug/L

RT: 6.67 min Scan# 878

Delta R.T. -0.01 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

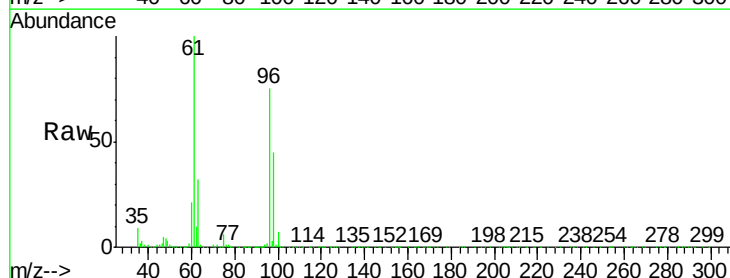
Tgt Ion: 96 Resp: 276344

Ion Ratio Lower Upper

96 100

61 133.0 91.0 169.0

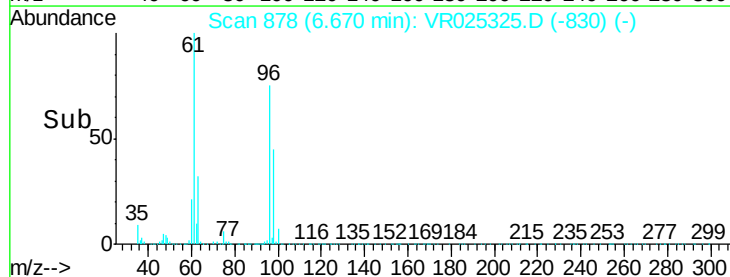
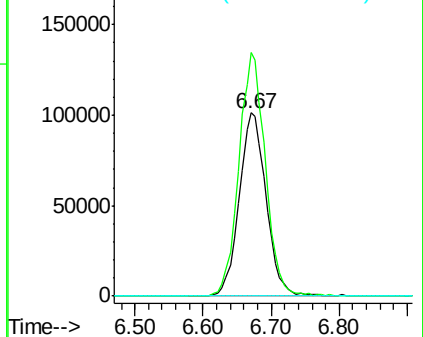
68 0.0 0.0 0.0

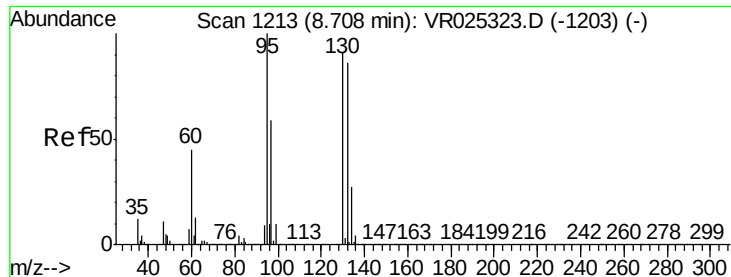


Abundance Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

Ion 68.15 (67.85 to 68.85): VR0





#34

Trichloroethene

Concen: 13.992 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

Instrument :

MSVOA_R

ClientSampled :

ESWD3

Tgt Ion: 95 Resp: 658170

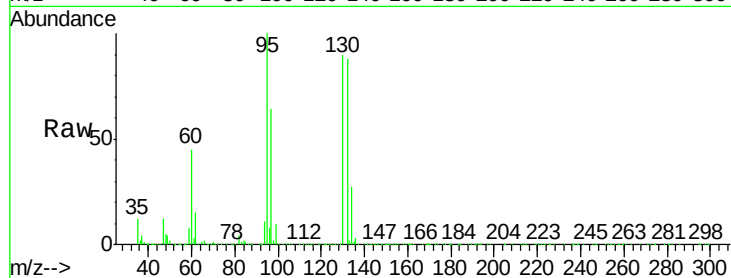
Ion Ratio Lower Upper

95 100

97 63.8 45.6 84.6

132 87.7 60.9 113.1

130 90.0 62.0 115.2

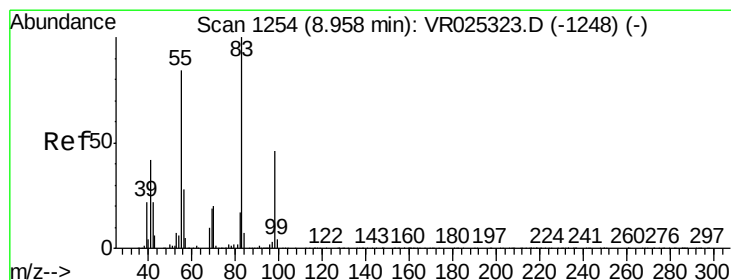
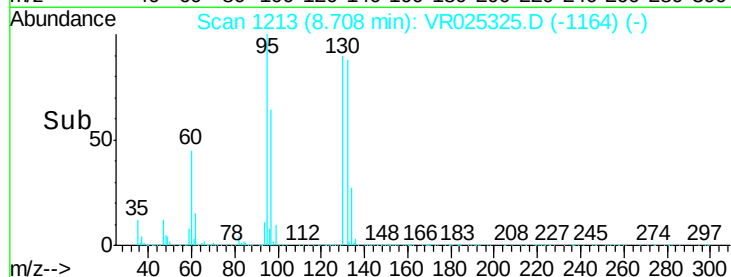
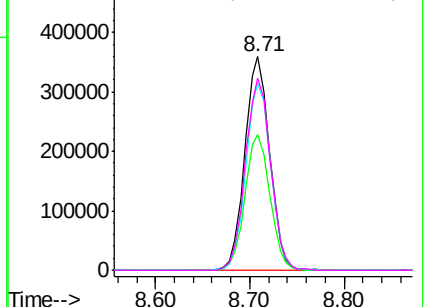


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.688 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

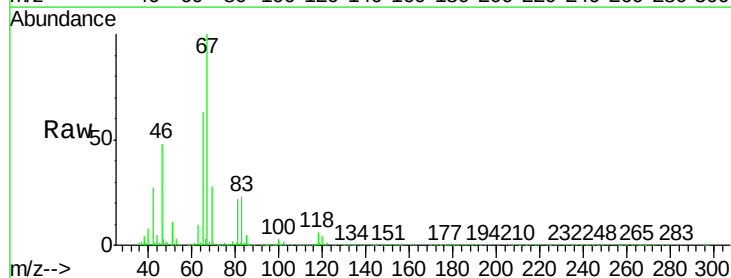
Tgt Ion: 83 Resp: 51072

Ion Ratio Lower Upper

83 100

55 0.9 66.1 99.1#

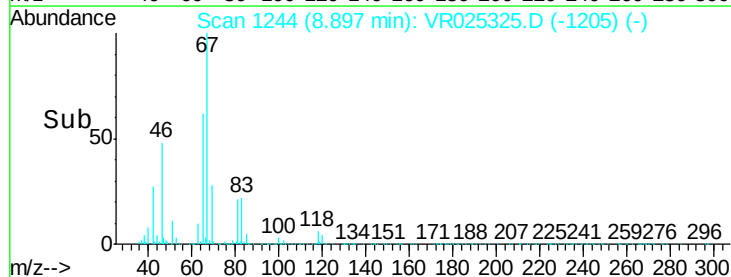
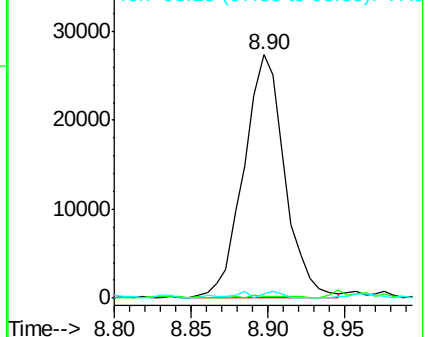
98 1.2 36.2 54.4#

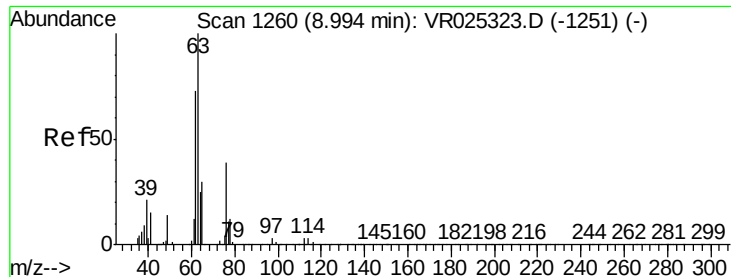


Abundance Ion 83.15 (82.85 to 83.85): VR0

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# 1244

Delta R.T. -0.10 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

Instrument :

MSVOA_R

ClientSampled :

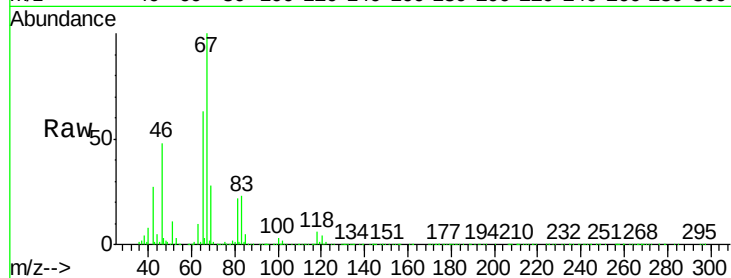
ESWD3

Tgt Ion: 63 Resp: 23838

Ion Ratio Lower Upper

63 100

112 0.7 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

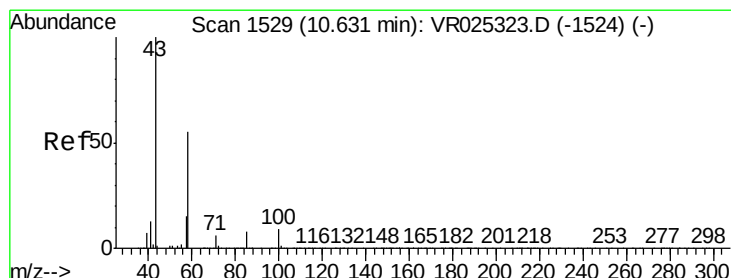
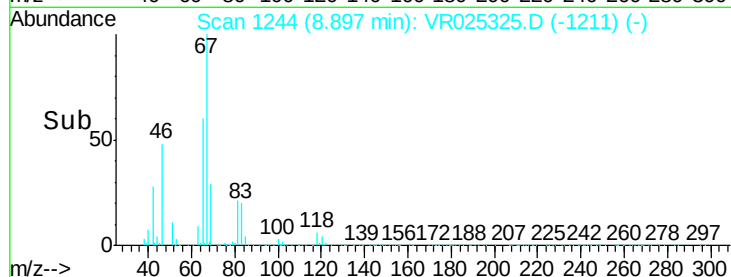
8.90

10000

5000

0

Time--> 8.80 8.85 8.90 8.95 9.00



#48

2-Hexanone

Concen: 2.820 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025325.D

Acq: 16 Jun 2018 15:52

Tgt Ion: 43 Resp: 25142

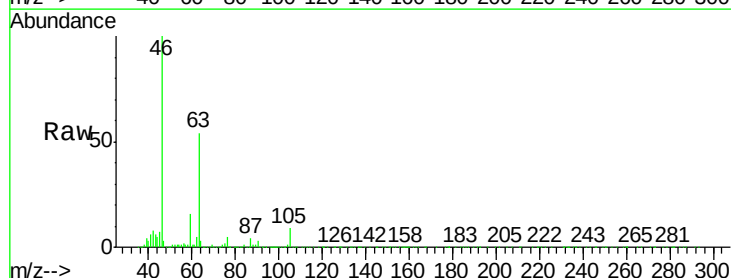
Ion Ratio Lower Upper

43 100

58 30.2 43.1 64.7#

57 31.5 15.3 22.9#

100 3.9 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

10.59

20000

15000

10000

5000

0

Time--> 10.50 10.60 10.70

