

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025330.D
 Acq On : 16 Jun 2018 18:37
 Operator : SY/MD
 Sample : J3550-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWG5

Quant Time: Jun 18 02:41:53 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	8.47	114	568483	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	475465	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	157612	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	96337	4.97	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	2.63	69	74987	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	3.63	63	178005	3.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.40%
20) 2-Butanone-d5	6.59	46	252411	48.63	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.26%
24) Chloroform-d	7.20	84	352858	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.89	65	130106	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	7.86	84	710892	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.90	67	217741	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	9.97	98	625025	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.60%
43) trans-1,3-Dichloropropene-	10.24	79	37138	3.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.00%
46) 2-Hexanone-d5	10.59	63	212512	50.23	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	92675	5.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	133744	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

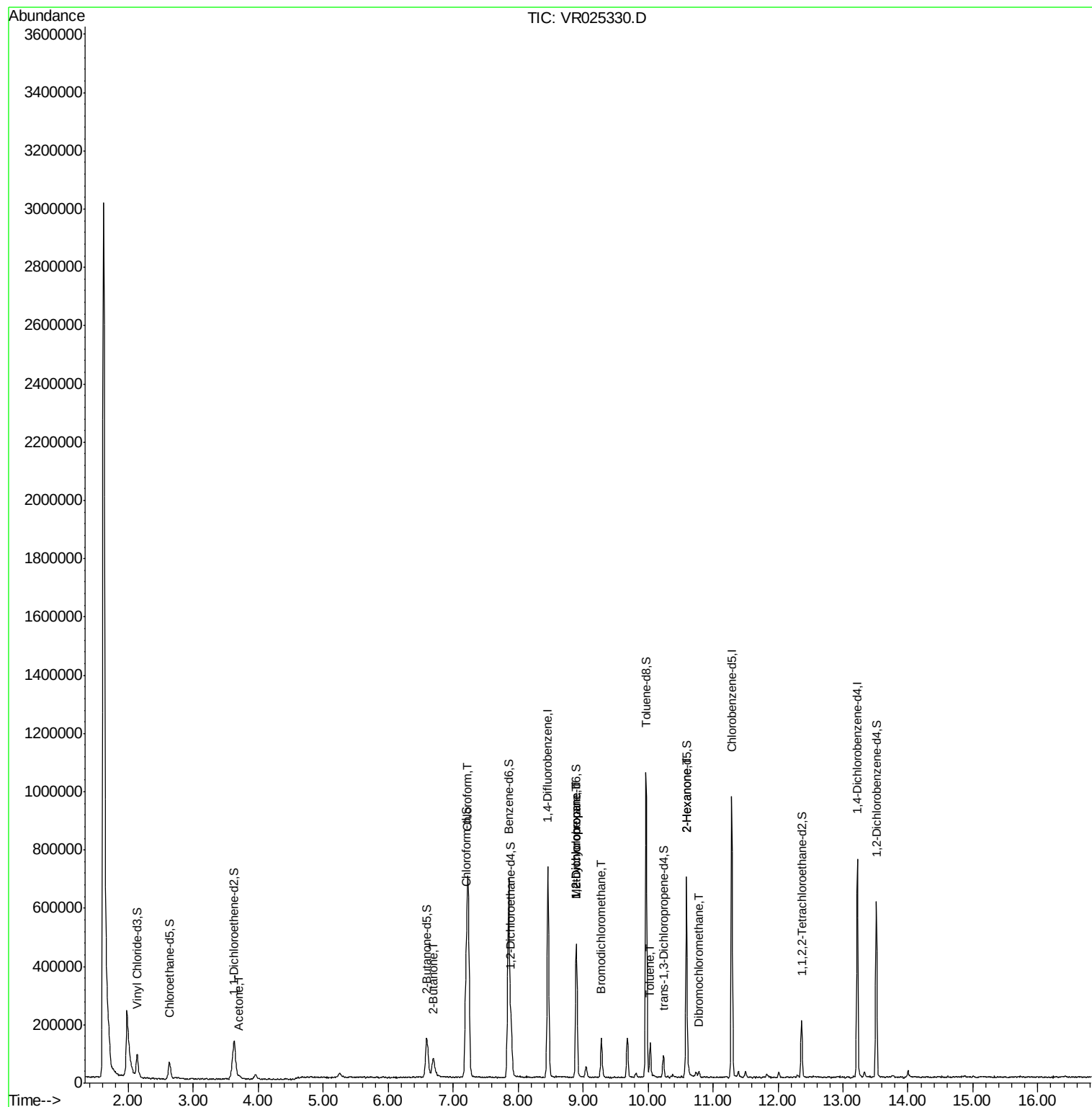
					Qvalue
13) Acetone	3.71	43	18288	7.802	ug/L 82
21) 2-Butanone	6.69	43	52250	9.431	ug/L 94
25) Chloroform	7.23	83	601571	8.527	ug/L 99
35) Methylcyclohexane	8.90	83	47485	0.666	ug/L # 17
37) 1,2-Dichloropropane	8.90	63	21006	0.506	ug/L # 93
38) Bromodichloromethane	9.28	83	80986	2.012	ug/L # 94
42) Toluene	10.03	91	78835	0.394	ug/L 95
48) 2-Hexanone	10.59	43	27019	3.156	ug/L # 79
49) Dibromochloromethane	10.78	129	8607	0.464	ug/L 90

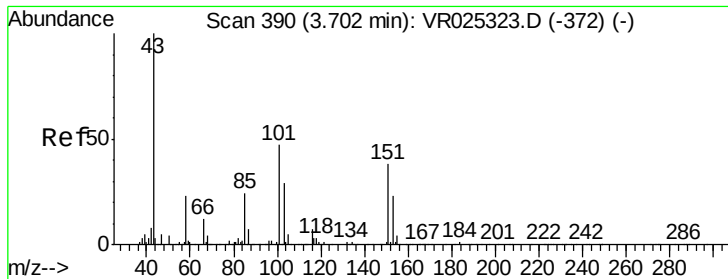
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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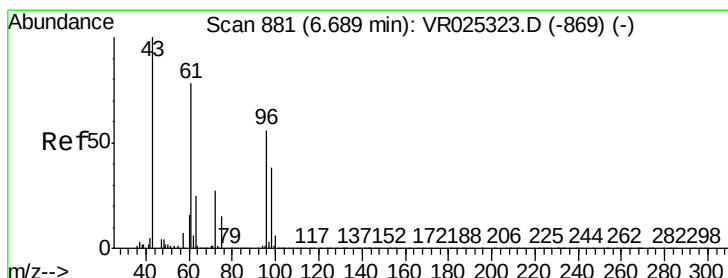
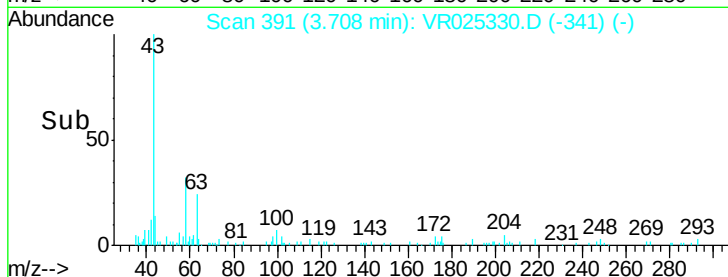
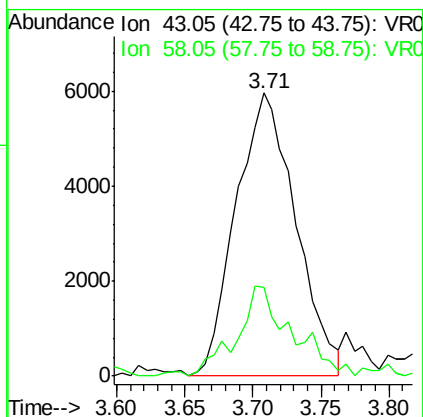
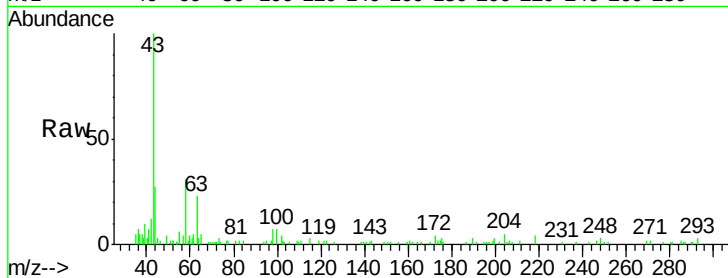




#13
Acetone
Concen: 7.802 ug/L
RT: 3.71 min Scan# 391
Delta R.T. 0.01 min
Lab File: VR025330.D
Acq: 16 Jun 2018 18:37

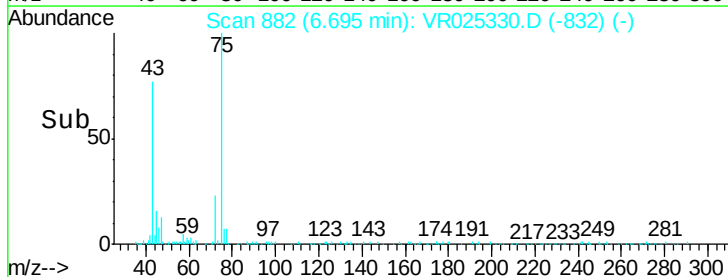
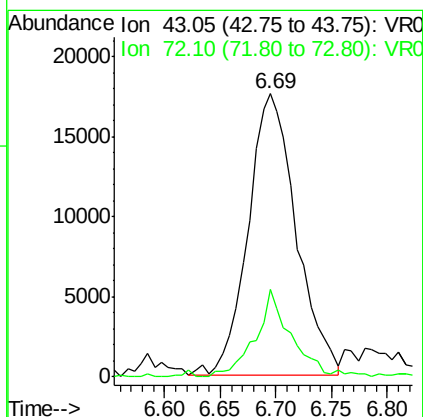
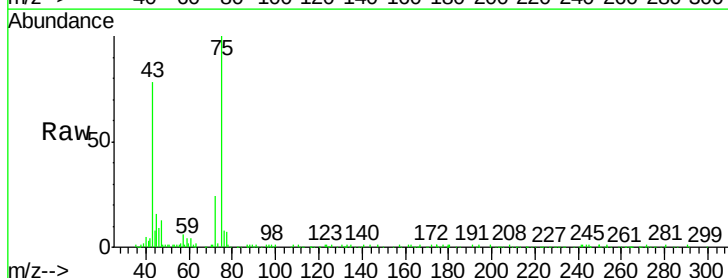
Instrument :
MSVOA_R
ClientSampleId :
ESWG5

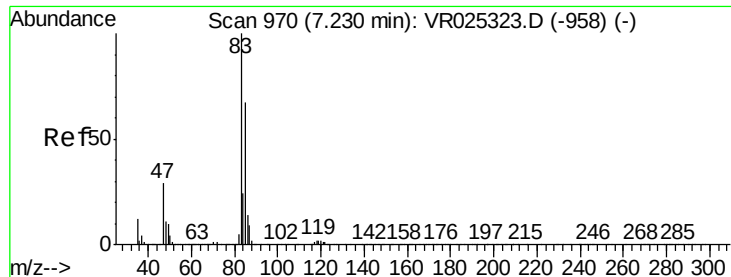
Tgt Ion: 43 Resp: 18288
Ion Ratio Lower Upper
43 100
58 29.2 0.0 41.6



#21
2-Butanone
Concen: 9.431 ug/L
RT: 6.69 min Scan# 882
Delta R.T. 0.01 min
Lab File: VR025330.D
Acq: 16 Jun 2018 18:37

Tgt Ion: 43 Resp: 52250
Ion Ratio Lower Upper
43 100
72 23.0 13.0 38.9





#25

Chloroform

Concen: 8.527 ug/L

RT: 7.23 min Scan# 970

Delta R.T. 0.00 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_R

ClientSampled :

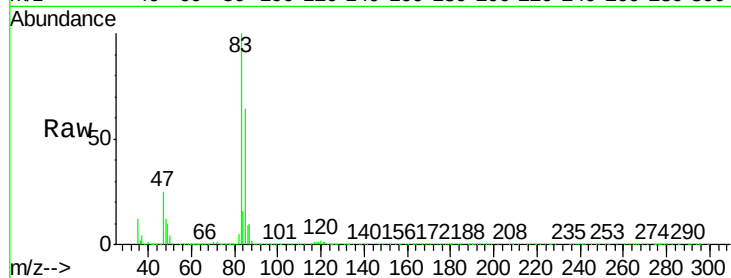
ESWG5

Tgt Ion: 83 Resp: 601571

Ion Ratio Lower Upper

83 100

85 64.1 45.4 84.4



Abundance Ion 83.05 (82.75 to 83.75): VR0

Ion 85.00 (84.70 to 85.70): VR0

7.23

250000

200000

150000

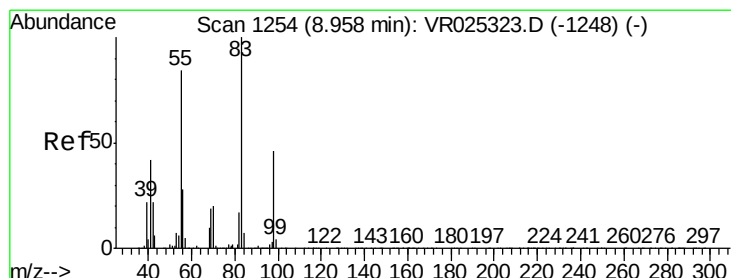
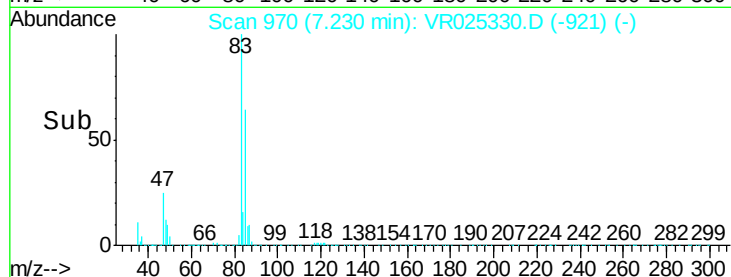
100000

50000

0

Time-->

7.10 7.20 7.30 7.40



#35

Methylcyclohexane

Concen: 0.666 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

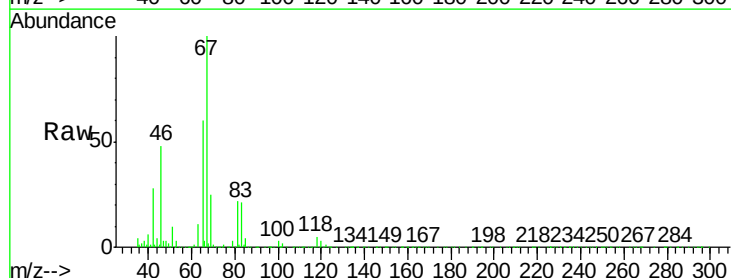
Tgt Ion: 83 Resp: 47485

Ion Ratio Lower Upper

83 100

55 0.5 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

8.90

30000

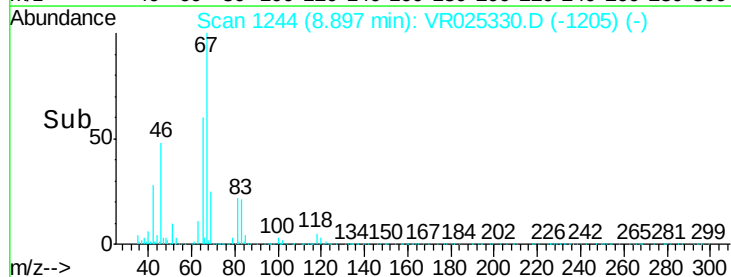
20000

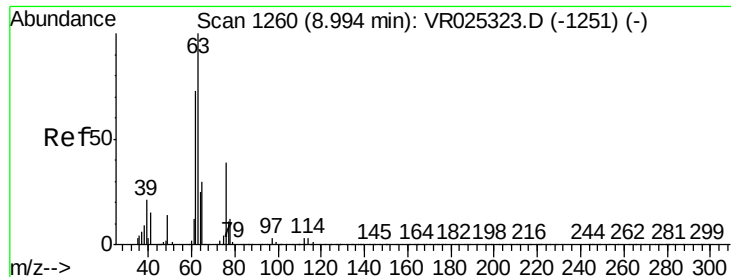
10000

0

Time-->

8.80 8.85 8.90 8.95 9.00





#37

1,2-Dichloropropane

Concen: 0.506 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_R

ClientSampled :

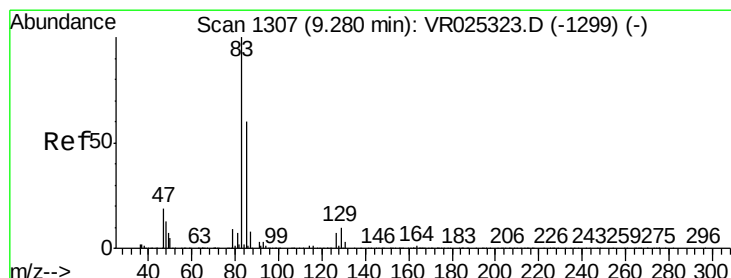
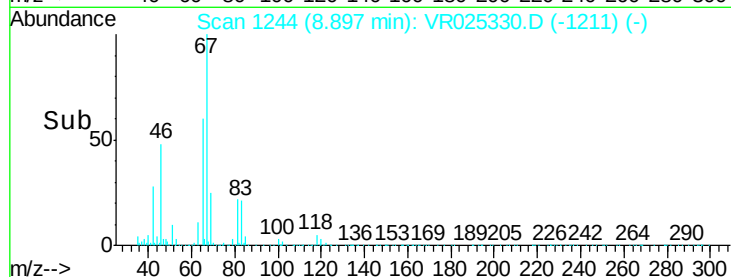
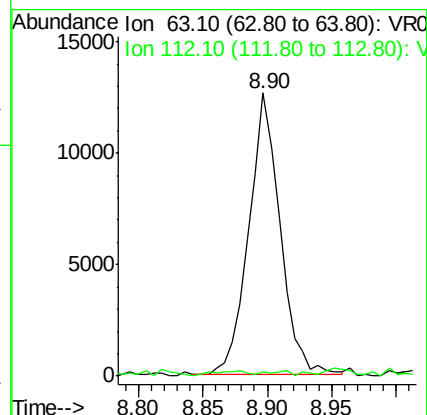
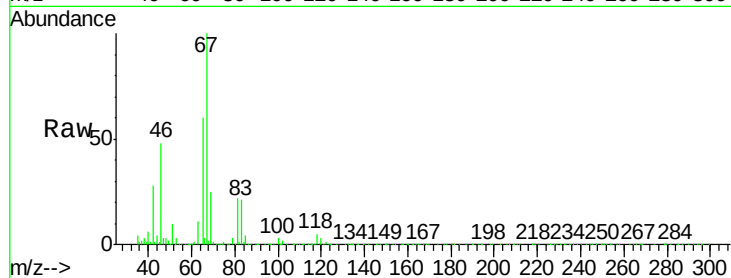
ESWG5

Tgt Ion: 63 Resp: 21006

Ion Ratio Lower Upper

63 100

112 1.3 2.9 4.3#



#38

Bromodichloromethane

Concen: 2.012 ug/L

RT: 9.28 min Scan# 1307

Delta R.T. 0.00 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

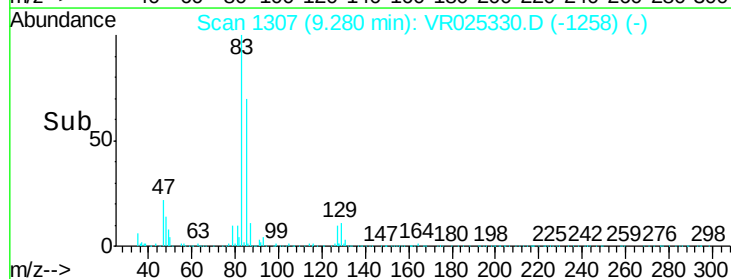
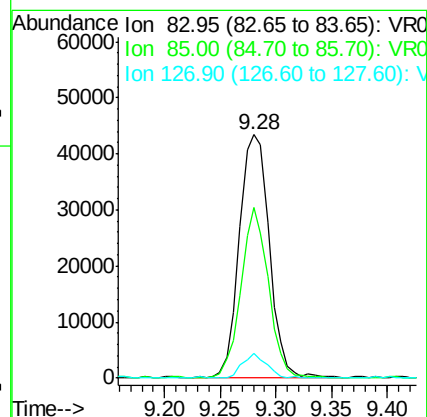
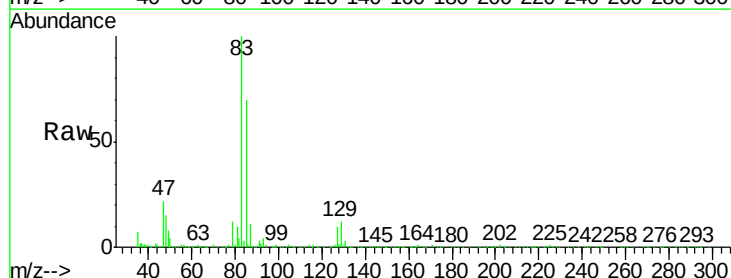
Tgt Ion: 83 Resp: 80986

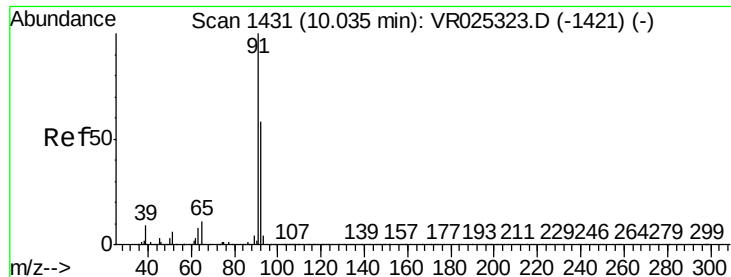
Ion Ratio Lower Upper

83 100

85 70.1 46.1 85.7

127 10.1 5.7 8.5#





#42

Toluene

Concen: 0.394 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_R

ClientSampled :

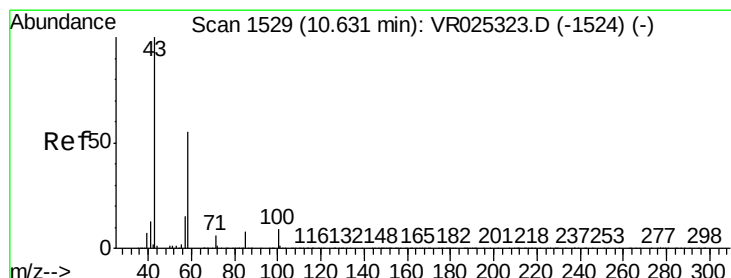
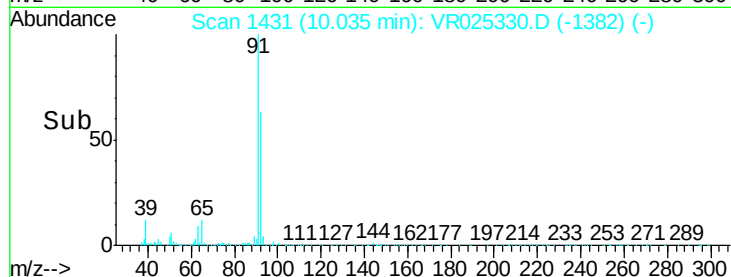
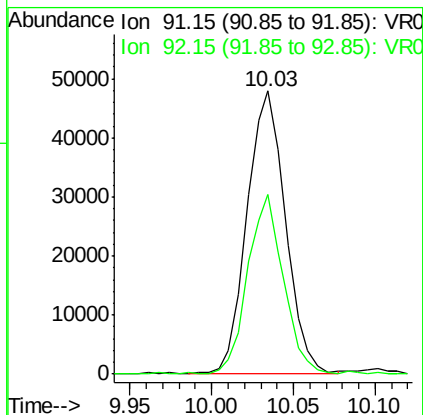
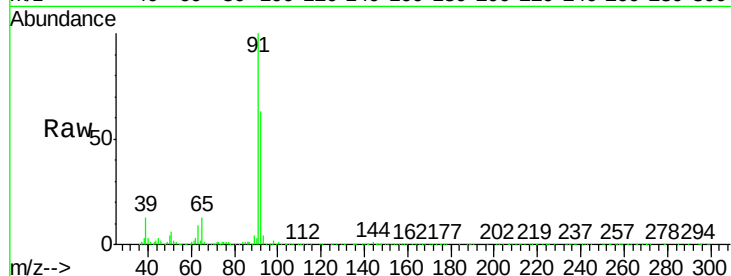
ESWG5

Tgt Ion: 91 Resp: 78835

Ion Ratio Lower Upper

91 100

92 63.3 41.9 77.7



#48

2-Hexanone

Concen: 3.156 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

Tgt Ion: 43 Resp: 27019

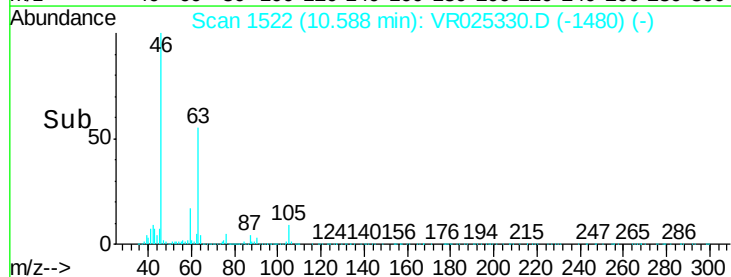
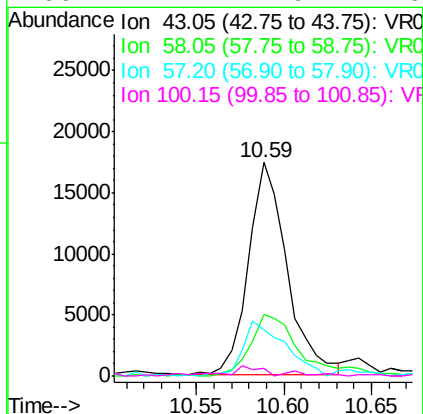
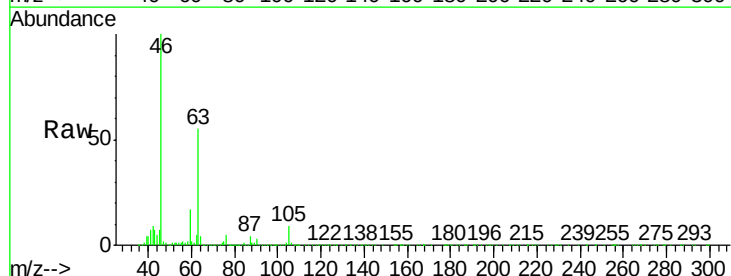
Ion Ratio Lower Upper

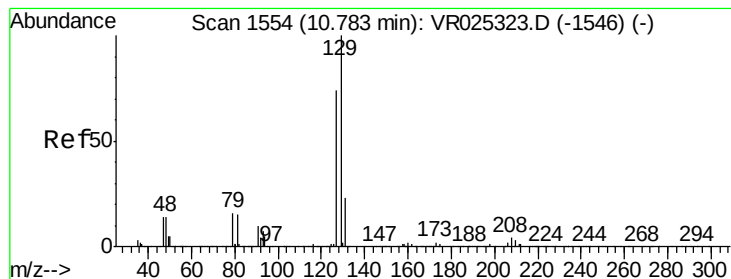
43 100

58 37.4 43.1 64.7#

57 27.5 15.3 22.9#

100 4.7 7.9 11.9#





#49

Dibromochloromethane

Concen: 0.464 ug/L

RT: 10.78 min Scan# 1554

Delta R.T. 0.00 min

Lab File: VR025330.D

Acq: 16 Jun 2018 18:37

Instrument :

MSVOA_R

ClientSampleId :

ESWG5

Tgt Ion:129 Resp: 8607

Ion Ratio Lower Upper

129 100

127 71.2 55.9 103.7

