

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025337.D
 Acq On : 16 Jun 2018 22:27
 Operator : SY/MD
 Sample : J3550-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF9

Quant Time: Jun 18 02:42:43 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	556185	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	456550	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	133934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	86413	4.56	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	2.63	69	73525	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	3.63	63	170048	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	6.59	46	278103	54.77	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.54%
24) Chloroform-d	7.20	84	341754	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	7.89	65	140591	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
32) Benzene-d6	7.86	84	731625	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	8.90	67	229169	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	9.97	98	607029	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.60%
43) trans-1,3-Dichloropropene-	10.24	79	34890	2.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.60%
46) 2-Hexanone-d5	10.59	63	231884	57.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.16%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	95721	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	125811	5.54	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.80%

Target Compounds

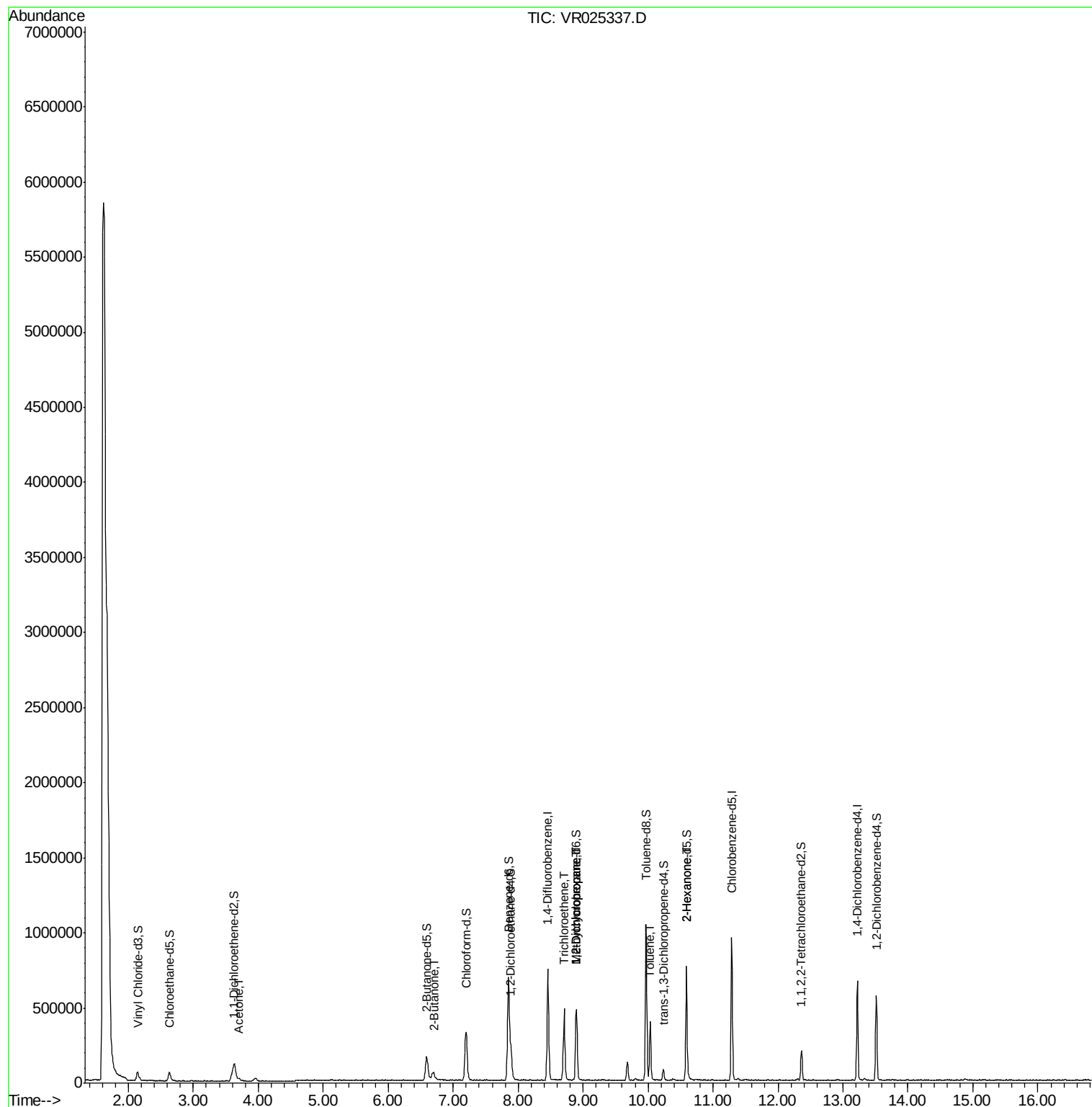
					Qvalue
13) Acetone	3.71	43	29818	13.002 ug/L	96
21) 2-Butanone	6.72	43	4675	0.862 ug/L	89
34) Trichloroethene	8.71	95	167731	3.868 ug/L	98
35) Methylcyclohexane	8.90	83	50411	0.737 ug/L #	18
37) 1,2-Dichloropropane	8.89	63	23112	0.580 ug/L #	95
42) Toluene	10.03	91	262492	1.367 ug/L	100
48) 2-Hexanone	10.59	43	29030	3.532 ug/L #	74

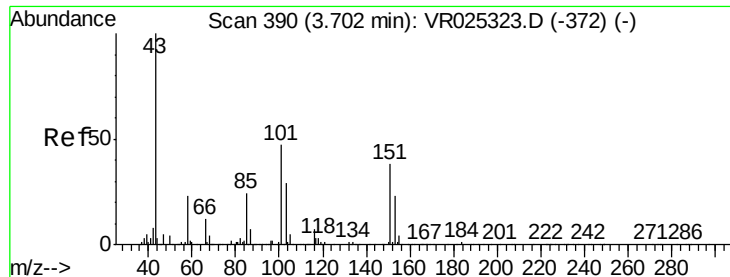
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 02:40:54 2018
Response via : Initial Calibration





#13

Acetone

Concen: 13.002 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

Instrument :

MSVOA_R

ClientSampled :

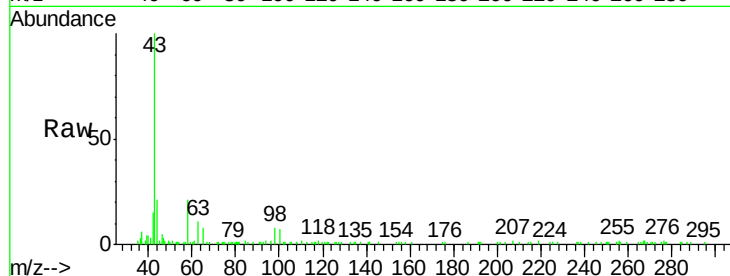
ESWF9

Tgt Ion: 43 Resp: 29818

Ion Ratio Lower Upper

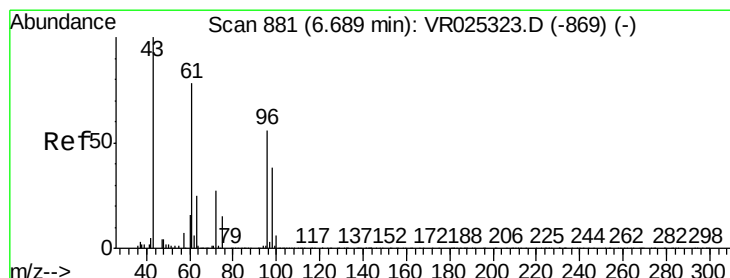
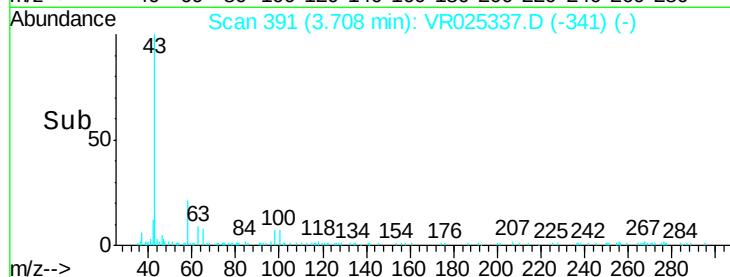
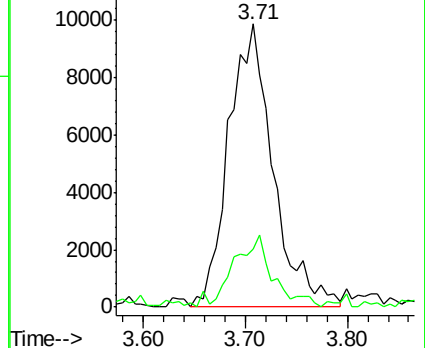
43 100

58 22.6 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: 0.862 ug/L

RT: 6.72 min Scan# 886

Delta R.T. 0.03 min

Lab File: VR025337.D

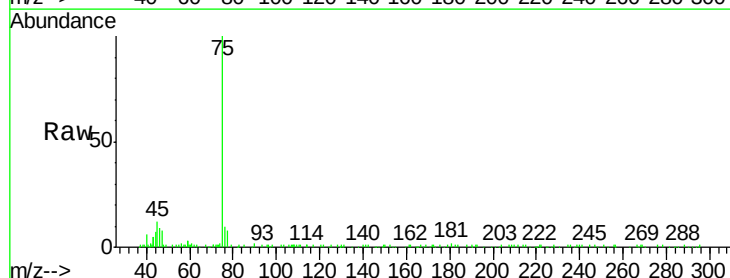
Acq: 16 Jun 2018 22:27

Tgt Ion: 43 Resp: 4675

Ion Ratio Lower Upper

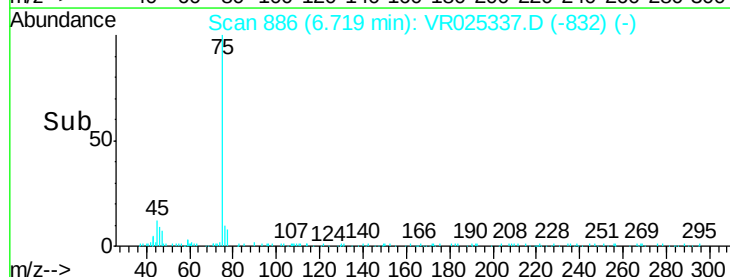
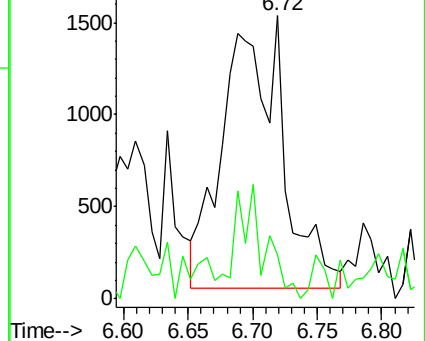
43 100

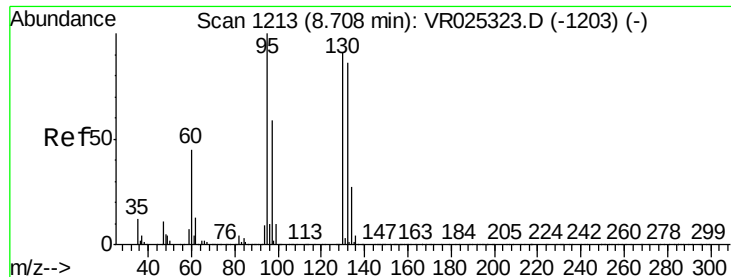
72 20.4 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 3.868 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

Instrument :

MSVOA_R

ClientSampled :

ESWF9

Tgt Ion: 95 Resp: 167731

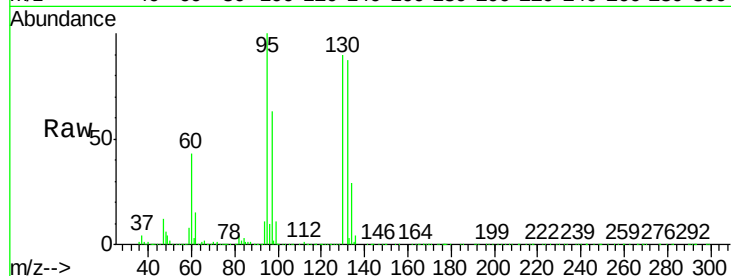
Ion Ratio Lower Upper

95 100

97 62.6 45.6 84.6

132 87.2 60.9 113.1

130 90.5 62.0 115.2

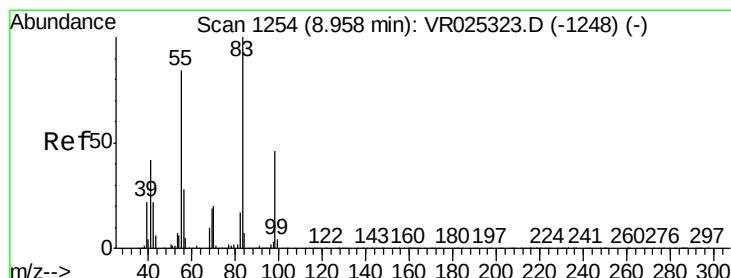
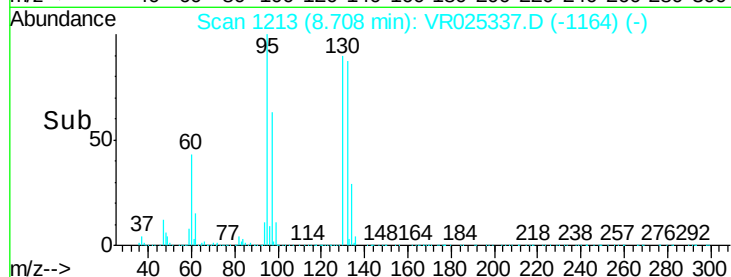
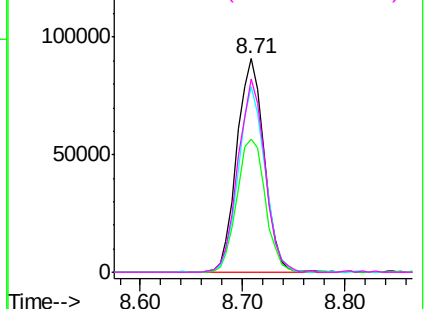


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.737 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

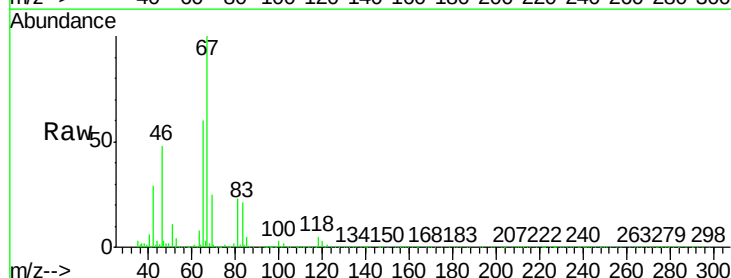
Tgt Ion: 83 Resp: 50411

Ion Ratio Lower Upper

83 100

55 0.9 66.1 99.1#

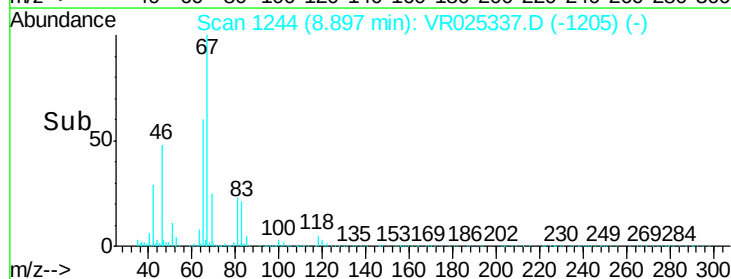
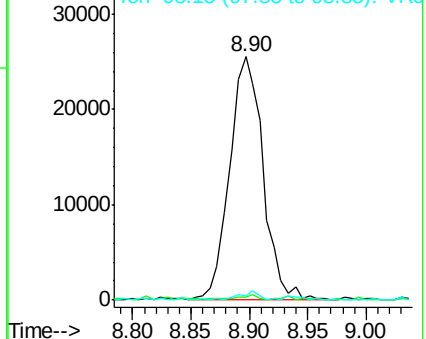
98 2.3 36.2 54.4#

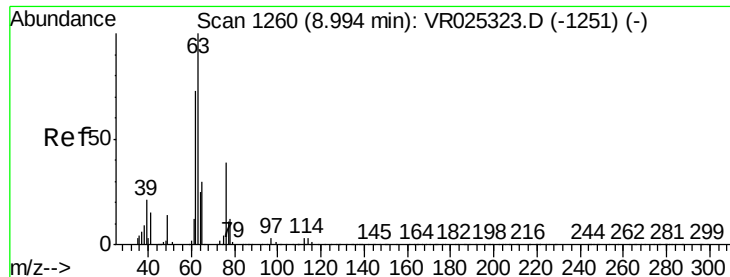


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.580 ug/L

RT: 8.89 min Scan# 1243

Delta R.T. -0.10 min

Lab File: VR025337.D

Acq: 16 Jun 2018 22:27

Instrument :

MSVOA_R

ClientSampleId :

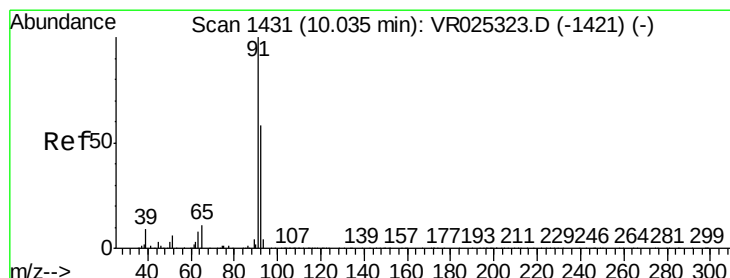
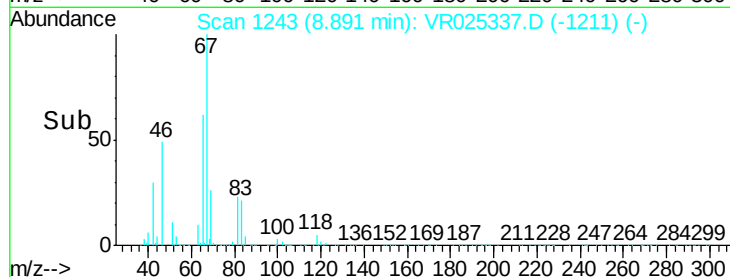
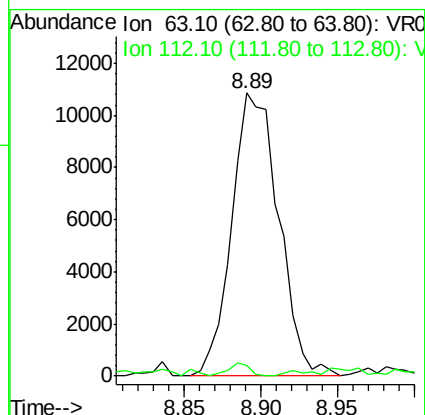
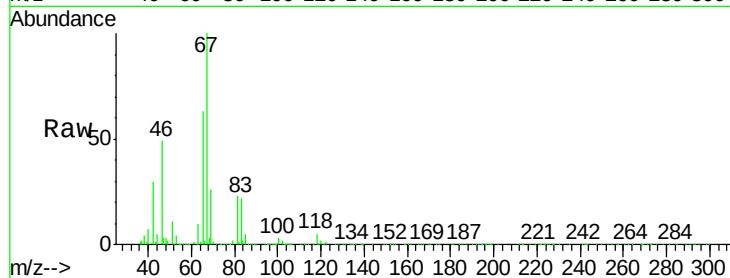
ESWF9

Tgt Ion: 63 Resp: 23112

Ion Ratio Lower Upper

63 100

112 2.0 2.9 4.3#



#42

Toluene

Concen: 1.367 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025337.D

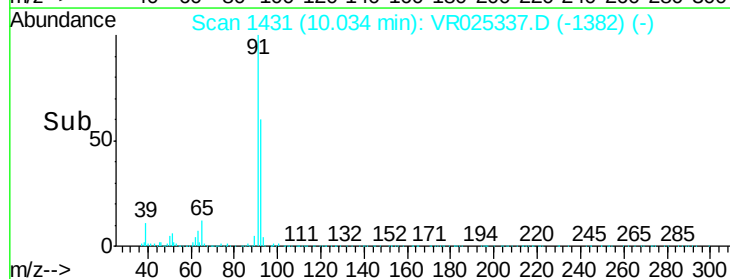
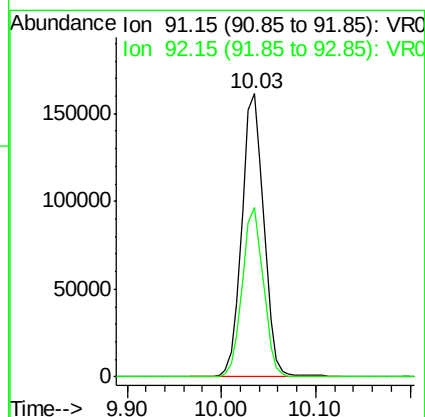
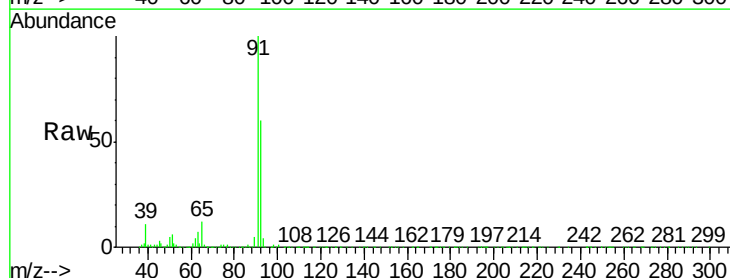
Acq: 16 Jun 2018 22:27

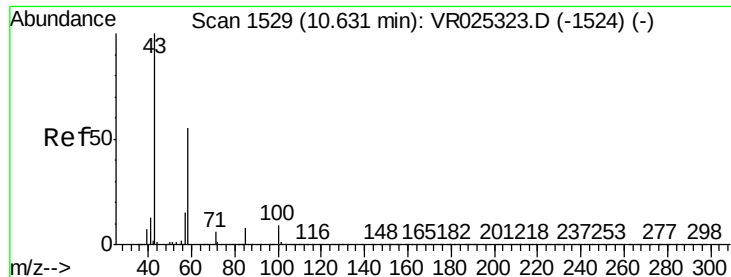
Tgt Ion: 91 Resp: 262492

Ion Ratio Lower Upper

91 100

92 59.8 41.9 77.7





#48

2-Hexanone

Concen: 3.532 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025337.D

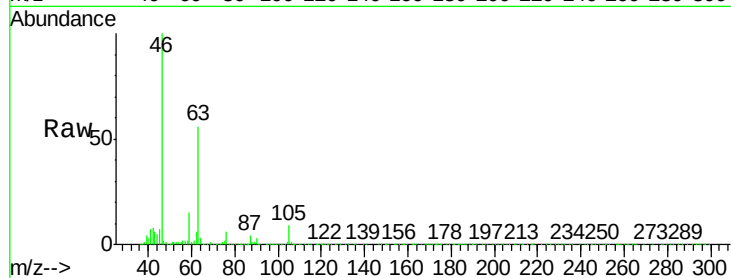
Acq: 16 Jun 2018 22:27

Instrument :

MSVOA_R

ClientSampleId :

ESWF9



Tgt Ion: 43 Resp: 29030

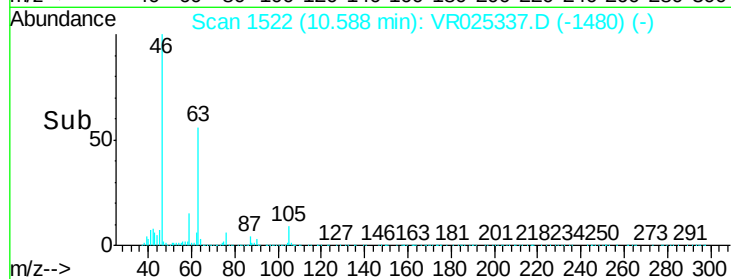
Ion Ratio Lower Upper

43 100

58 33.8 43.1 64.7#

57 30.2 15.3 22.9#

100 4.1 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

