

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025338.D
 Acq On : 16 Jun 2018 22:59
 Operator : SY/MD
 Sample : J3550-08
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWG0

Quant Time: Jun 18 02:42:51 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	588060	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	488780	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	148898	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	96267	4.80	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	2.63	69	77083	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.80%
11) 1,1-Dichloroethene-d2	3.63	63	190956	3.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.20%
20) 2-Butanone-d5	6.59	46	270243	50.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.66%
24) Chloroform-d	7.20	84	351218	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	7.89	65	140386	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	7.85	84	769117	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	8.90	67	232166	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	9.97	98	660994	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.20%
43) trans-1,3-Dichloropropene-	10.24	79	33487	2.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.40%#
46) 2-Hexanone-d5	10.59	63	221781	51.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96082	5.24	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	139654	5.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.60%

Target Compounds

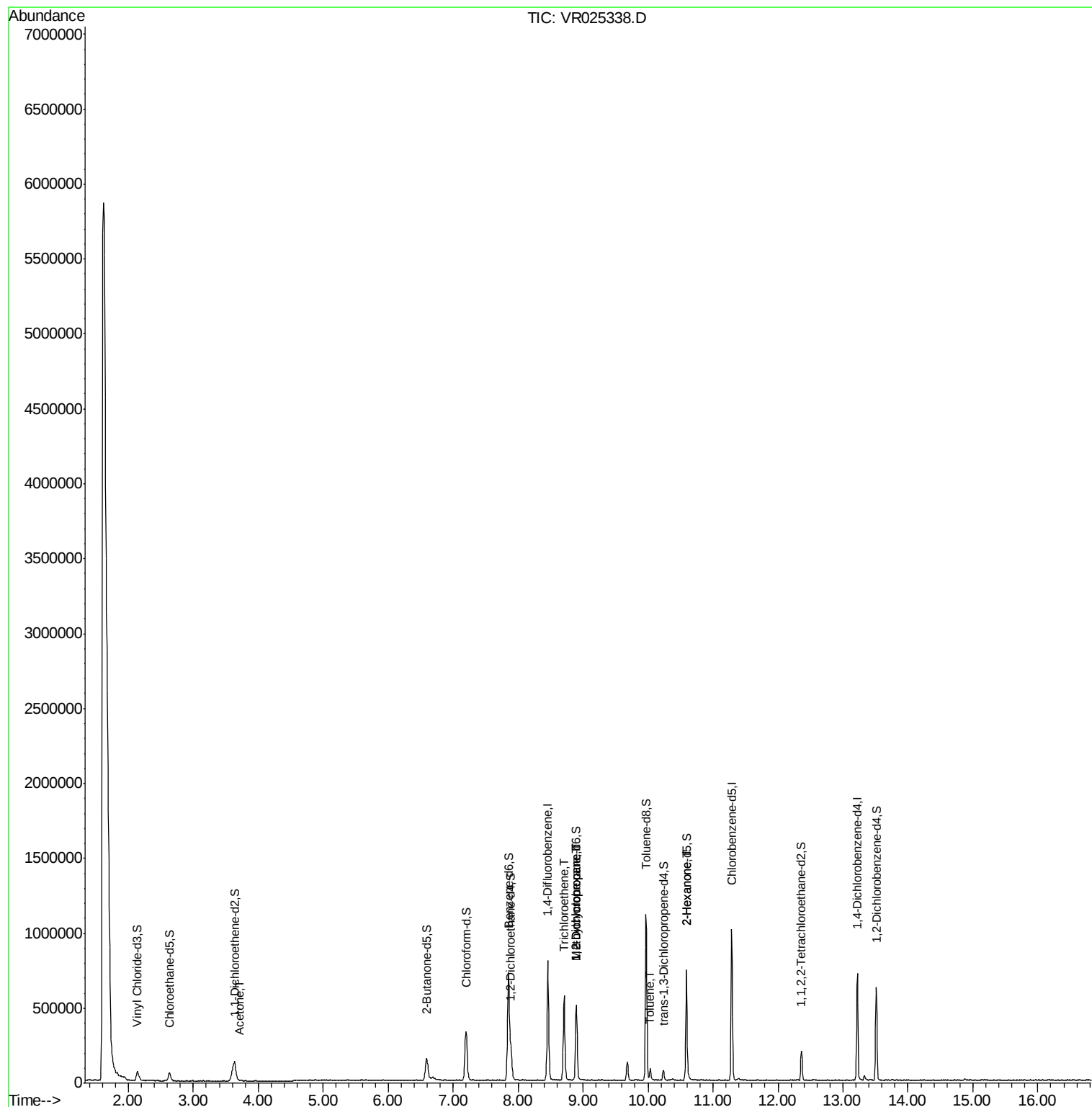
					Qvalue
13) Acetone	3.71	43	6590	2.718 ug/L	84
34) Trichloroethene	8.71	95	197324	4.250 ug/L	96
35) Methylcyclohexane	8.90	83	52060	0.711 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	23976	0.562 ug/L #	90
42) Toluene	10.03	91	46304	0.225 ug/L	98
48) 2-Hexanone	10.59	43	28285	3.214 ug/L #	75

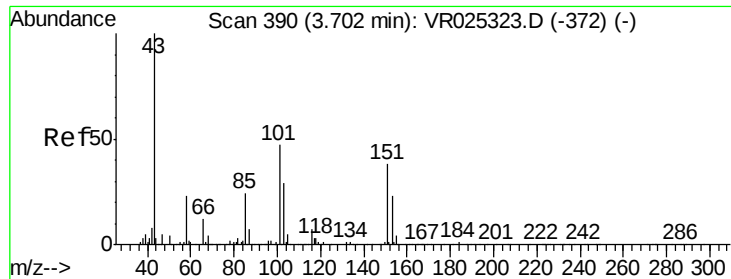
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.718 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025338.D

Acq: 16 Jun 2018 22:59

Instrument :

MSVOA_R

ClientSampleId :

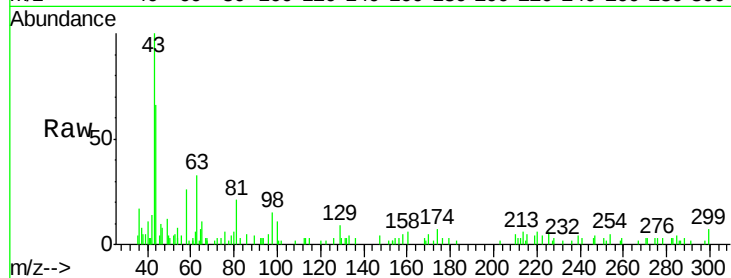
ESWG0

Tgt Ion: 43 Resp: 6590

Ion Ratio Lower Upper

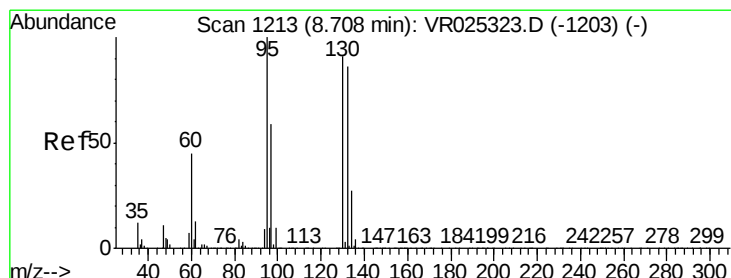
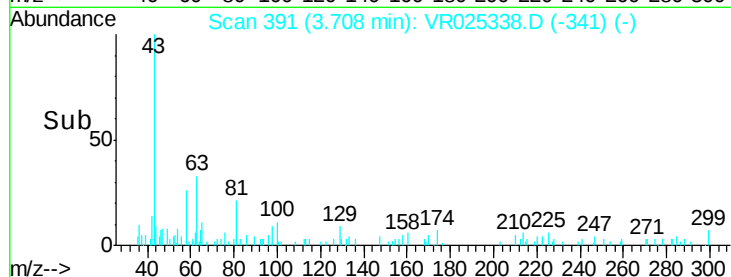
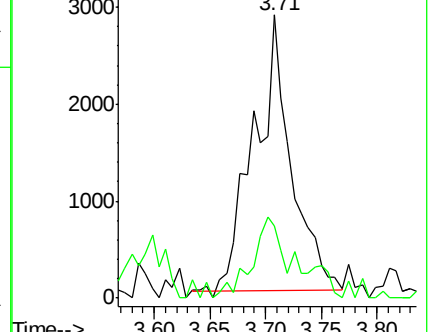
43 100

58 28.3 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 4.250 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. -0.00 min

Lab File: VR025338.D

Acq: 16 Jun 2018 22:59

Tgt Ion: 95 Resp: 197324

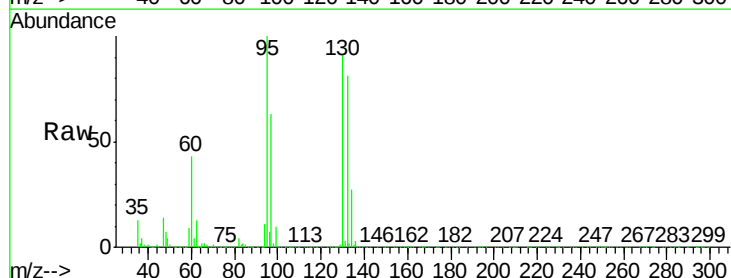
Ion Ratio Lower Upper

95 100

97 62.9 45.6 84.6

132 81.0 60.9 113.1

130 91.2 62.0 115.2

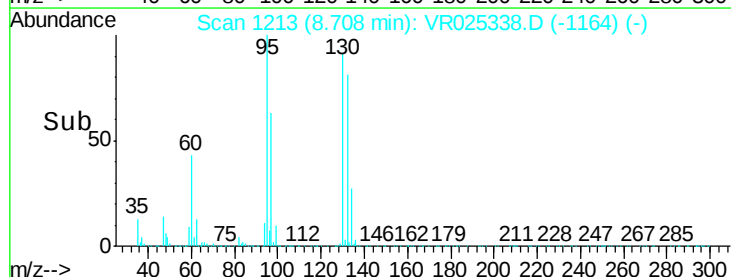
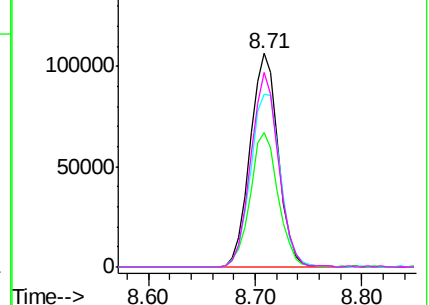


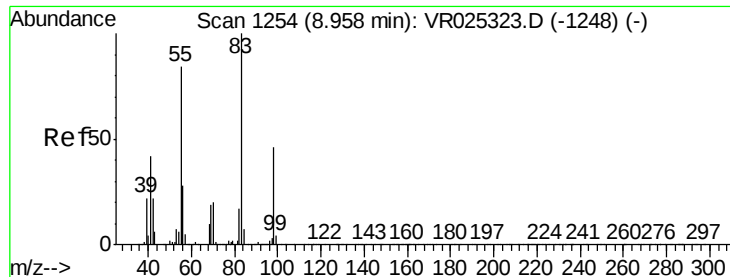
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

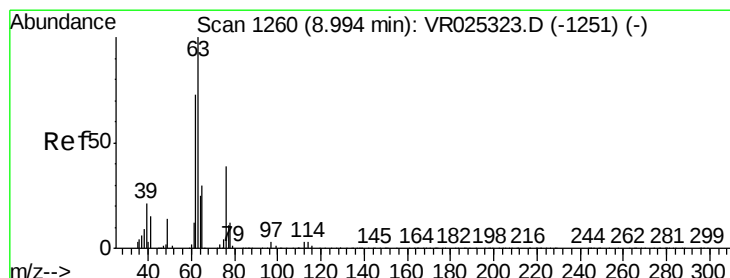
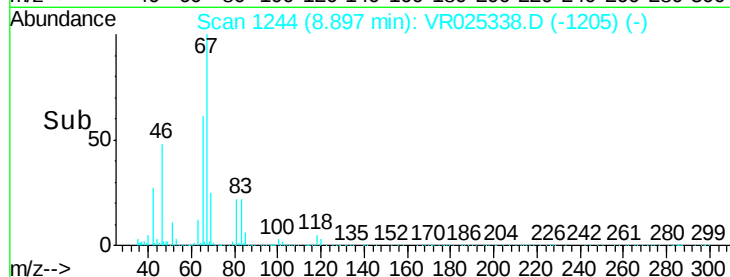
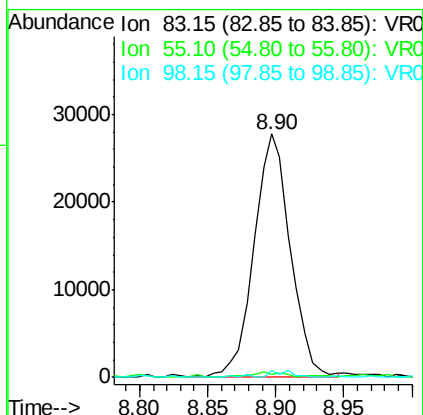
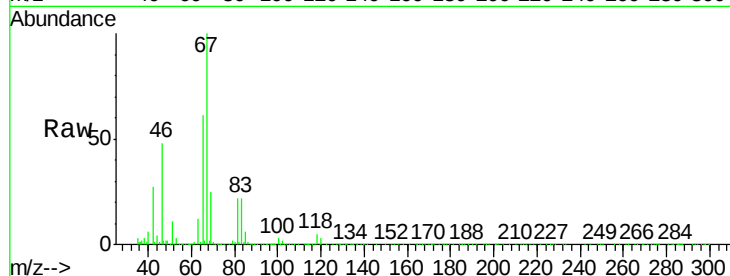




#35
Methylcyclohexane
Concen: 0.711 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025338.D
Acq: 16 Jun 2018 22:59

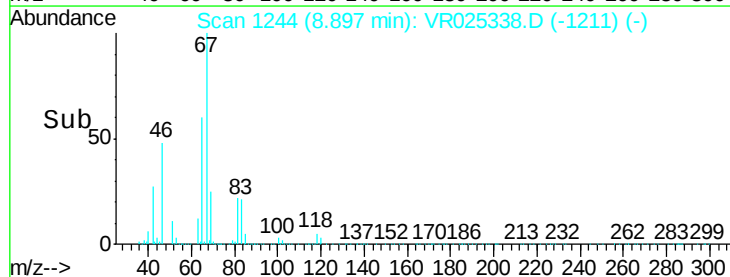
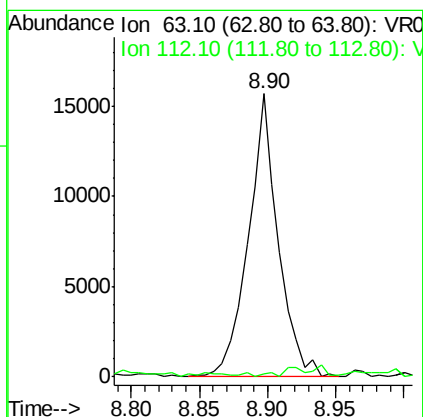
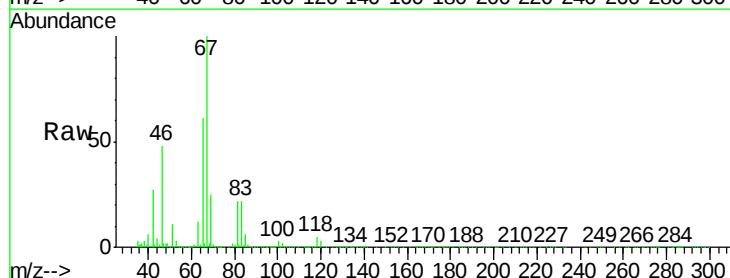
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ESWG0

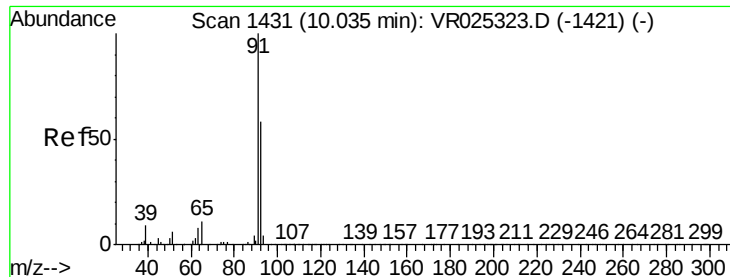
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.9	66.1	99.1#
98	1.5	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.562 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025338.D
Acq: 16 Jun 2018 22:59

Tgt Ion	Ratio	Lower	Upper
63	100		
112	0.4	2.9	4.3#





#42

Toluene

Concen: 0.225 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. -0.00 min

Lab File: VR025338.D

Acq: 16 Jun 2018 22:59

Instrument :

MSVOA_R

ClientSampleId :

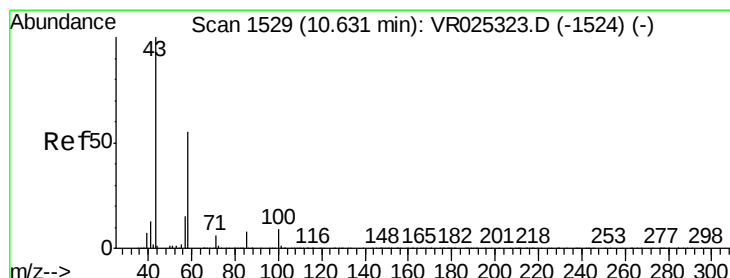
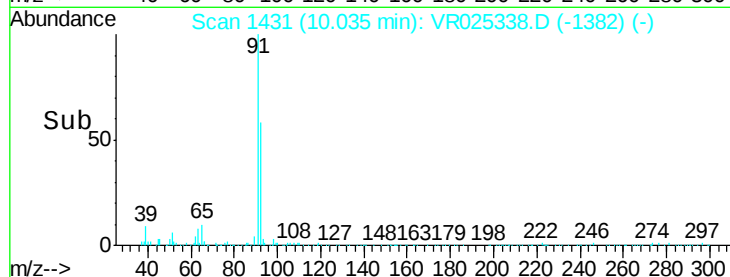
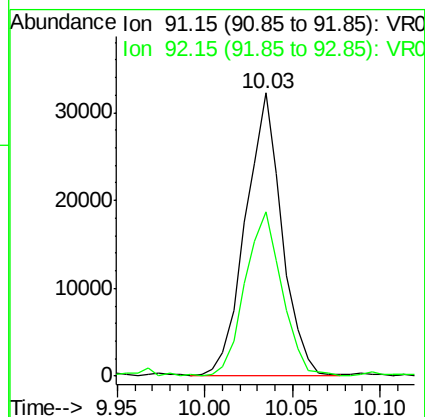
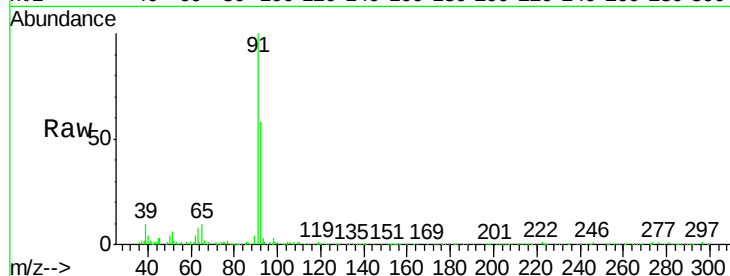
ESWG0

Tgt Ion: 91 Resp: 46304

Ion Ratio Lower Upper

91 100

92 58.1 41.9 77.7



#48

2-Hexanone

Concen: 3.214 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025338.D

Acq: 16 Jun 2018 22:59

Tgt Ion: 43 Resp: 28285

Ion Ratio Lower Upper

43 100

58 36.3 43.1 64.7#

57 32.3 15.3 22.9#

100 3.0 7.9 11.9#

