

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025307.D
 Acq On : 15 Jun 2018 19:30
 Operator : SY/MD
 Sample : J3549-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWD9

Quant Time: Jun 16 05:04:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	685092	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	551335	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	192949	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	98763	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	2.64	69	70419	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.20%
11) 1,1-Dichloroethene-d2	3.63	63	194751	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	6.59	46	309155	49.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	7.20	84	377556	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
26) 1,2-Dichloroethane-d4	7.89	65	156274	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.60%
32) Benzene-d6	7.85	84	825118	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	8.90	67	238286	4.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.80%
41) Toluene-d8	9.97	98	717146	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.80%
43) trans-1,3-Dichloropropene-	10.24	79	55570	3.93	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	78.60%
46) 2-Hexanone-d5	10.59	63	245064	49.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98818	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	157898	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

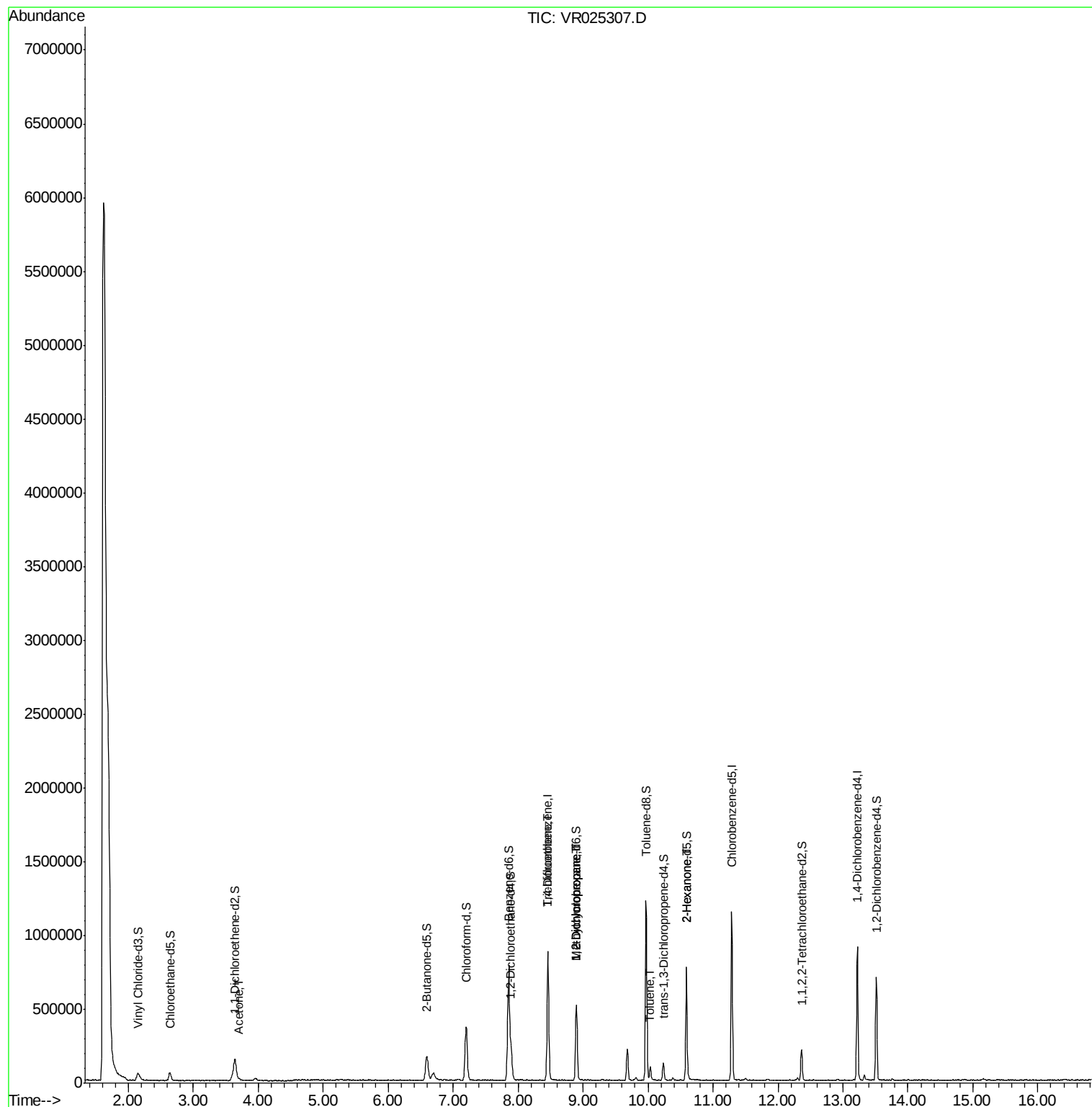
					Qvalue
13) Acetone	3.71	43	14902	5.275 ug/L	82
34) Trichloroethene	8.45	95	21052	0.402 ug/L #	9
35) Methylcyclohexane	8.90	83	54902	0.664 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25448	0.529 ug/L #	94
42) Toluene	10.03	91	62661	0.270 ug/L	99
48) 2-Hexanone	10.59	43	31092	3.132 ug/L #	67

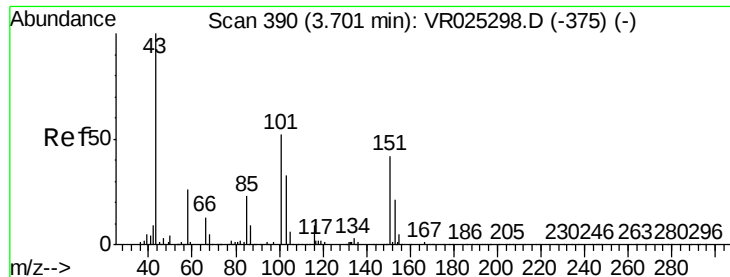
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.275 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025307.D

Acq: 15 Jun 2018 19:30

Instrument :

MSVOA_R

ClientSampleId :

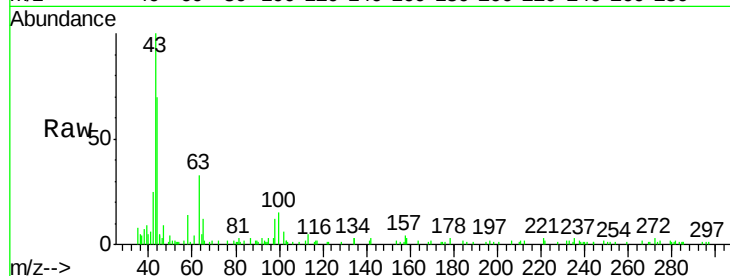
ESWD9

Tgt Ion: 43 Resp: 14902

Ion Ratio Lower Upper

43 100

58 12.4 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

6000

5000

4000

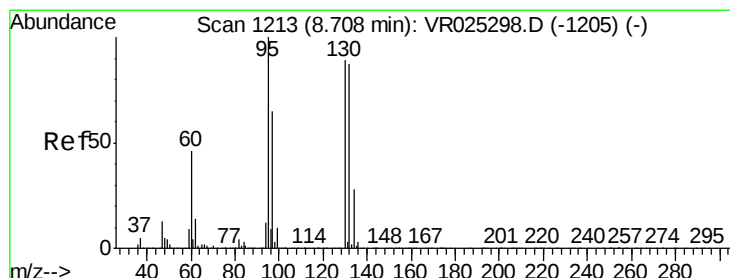
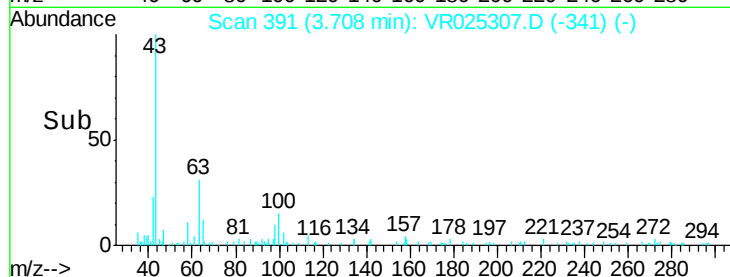
3000

2000

1000

0

Time-->



#34

Trichloroethene

Concen: 0.402 ug/L

RT: 8.45 min Scan# 1171

Delta R.T. -0.26 min

Lab File: VR025307.D

Acq: 15 Jun 2018 19:30

Tgt Ion: 95 Resp: 21052

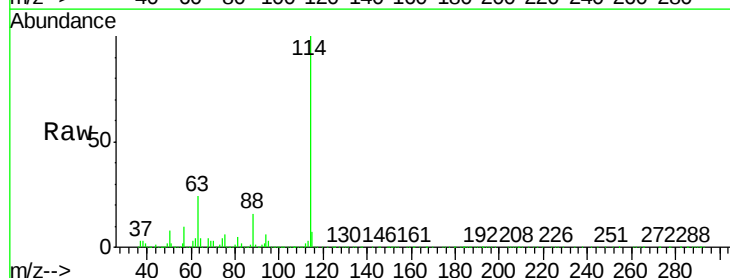
Ion Ratio Lower Upper

95 100

97 0.6 45.6 84.6#

132 0.0 60.9 113.1#

130 0.5 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

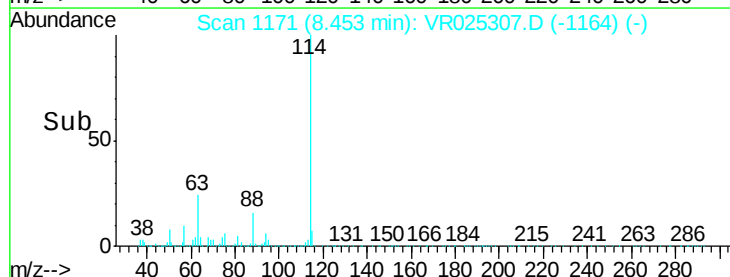
15000

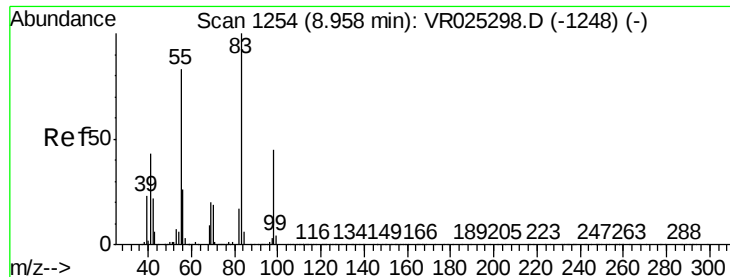
10000

5000

0

Time-->

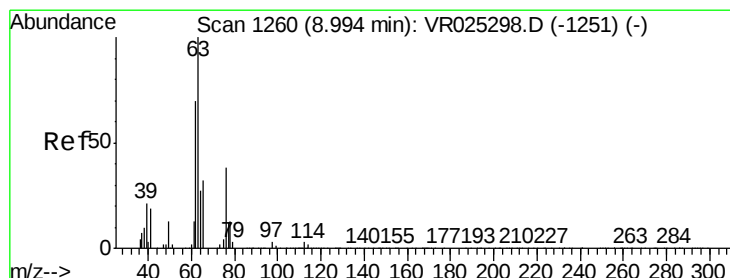
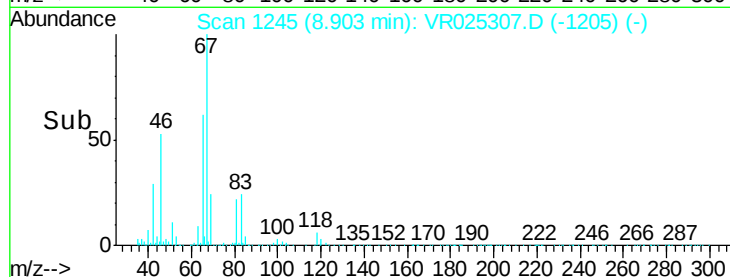
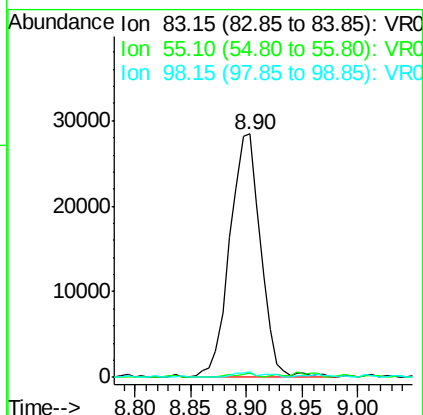
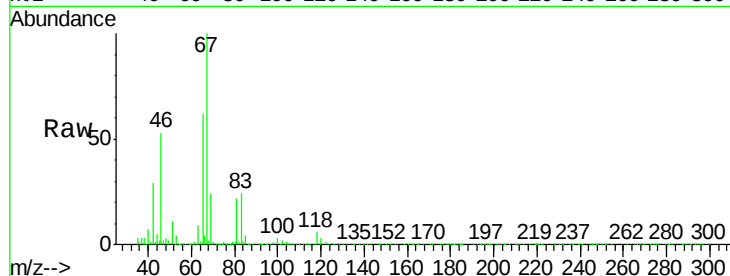




#35
Methylcyclohexane
Concen: 0.664 ug/L
RT: 8.90 min Scan# 1245
Delta R.T. -0.05 min
Lab File: VR025307.D
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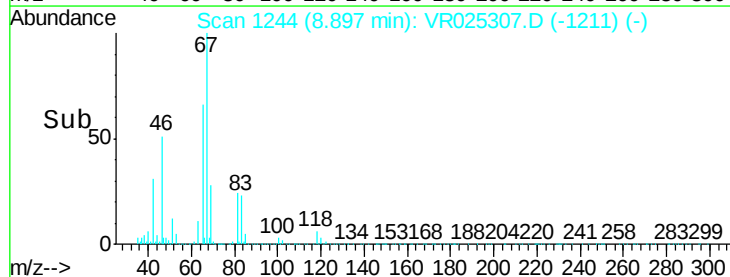
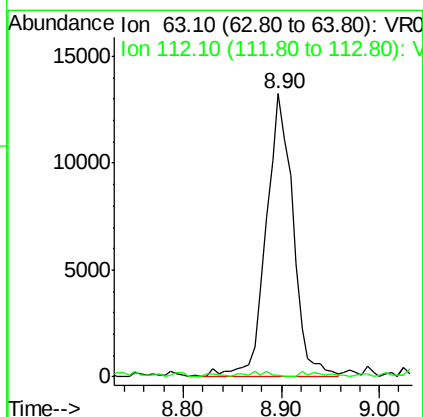
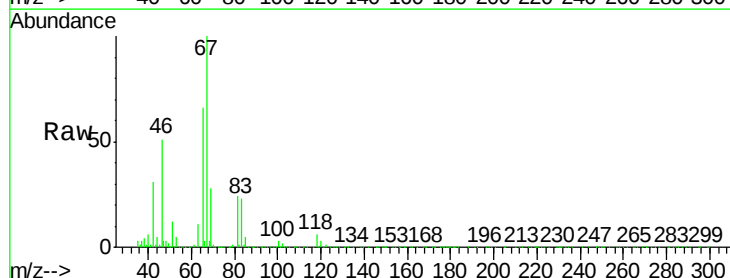
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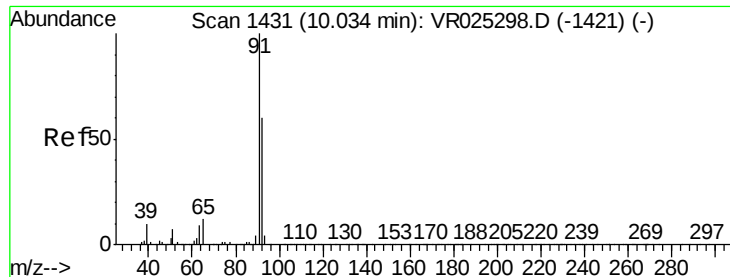
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.5	66.1	99.1#
98	1.5	36.2	54.4#



#37
1,2-Dichloropropane
Concen: 0.529 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025307.D
Acq: 15 Jun 2018 19:30

Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.6	2.9	4.3#





#42

Toluene

Concen: 0.270 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025307.D

Acq: 15 Jun 2018 19:30

Instrument :

MSVOA_R

ClientSampleId :

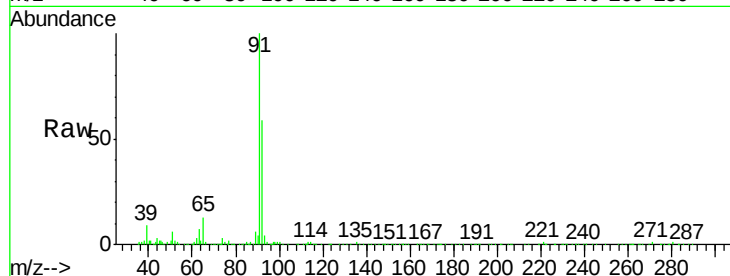
ESWD9

Tgt Ion: 91 Resp: 62661

Ion Ratio Lower Upper

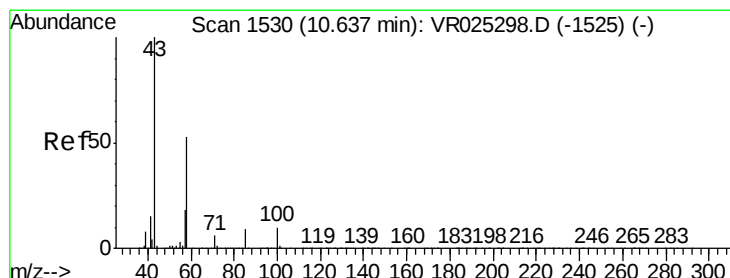
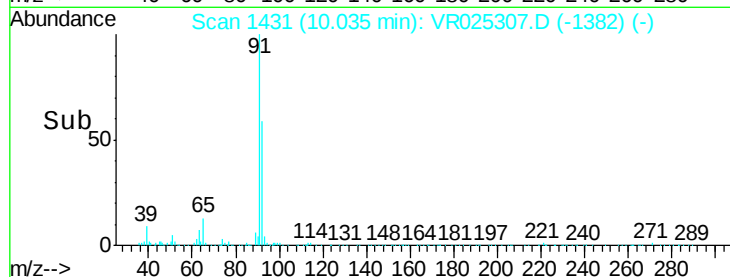
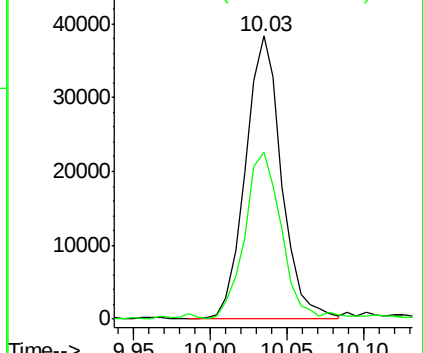
91 100

92 59.0 41.9 77.7



Abundance Ion 91.15 (90.85 to 91.85): VR0

Ion 92.15 (91.85 to 92.85): VR0



#48

2-Hexanone

Concen: 3.132 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025307.D

Acq: 15 Jun 2018 19:30

Tgt Ion: 43 Resp: 31092

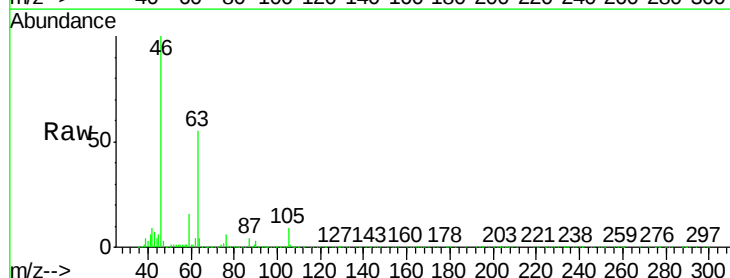
Ion Ratio Lower Upper

43 100

58 22.8 43.1 64.7#

57 23.5 15.3 22.9#

100 3.3 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

