

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR025318.D
 Acq On : 16 Jun 2018 1:30
 Operator : SY/MD
 Sample : J3549-15
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWF0

Quant Time: Jun 16 05:05:58 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	659683	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	534793	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	171062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	101858	4.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.60%
7) Chloroethane-d5	2.64	69	79246	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	3.63	63	196705	3.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.00%
20) 2-Butanone-d5	6.59	46	286109	47.50	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.00%
24) Chloroform-d	7.20	84	377010	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	7.89	65	149419	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	7.85	84	836488	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.90	67	258222	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	9.97	98	730080	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	10.24	79	47191	3.44	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.80%
46) 2-Hexanone-d5	10.59	63	240452	50.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	98982	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	153238	5.28	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.60%

Target Compounds

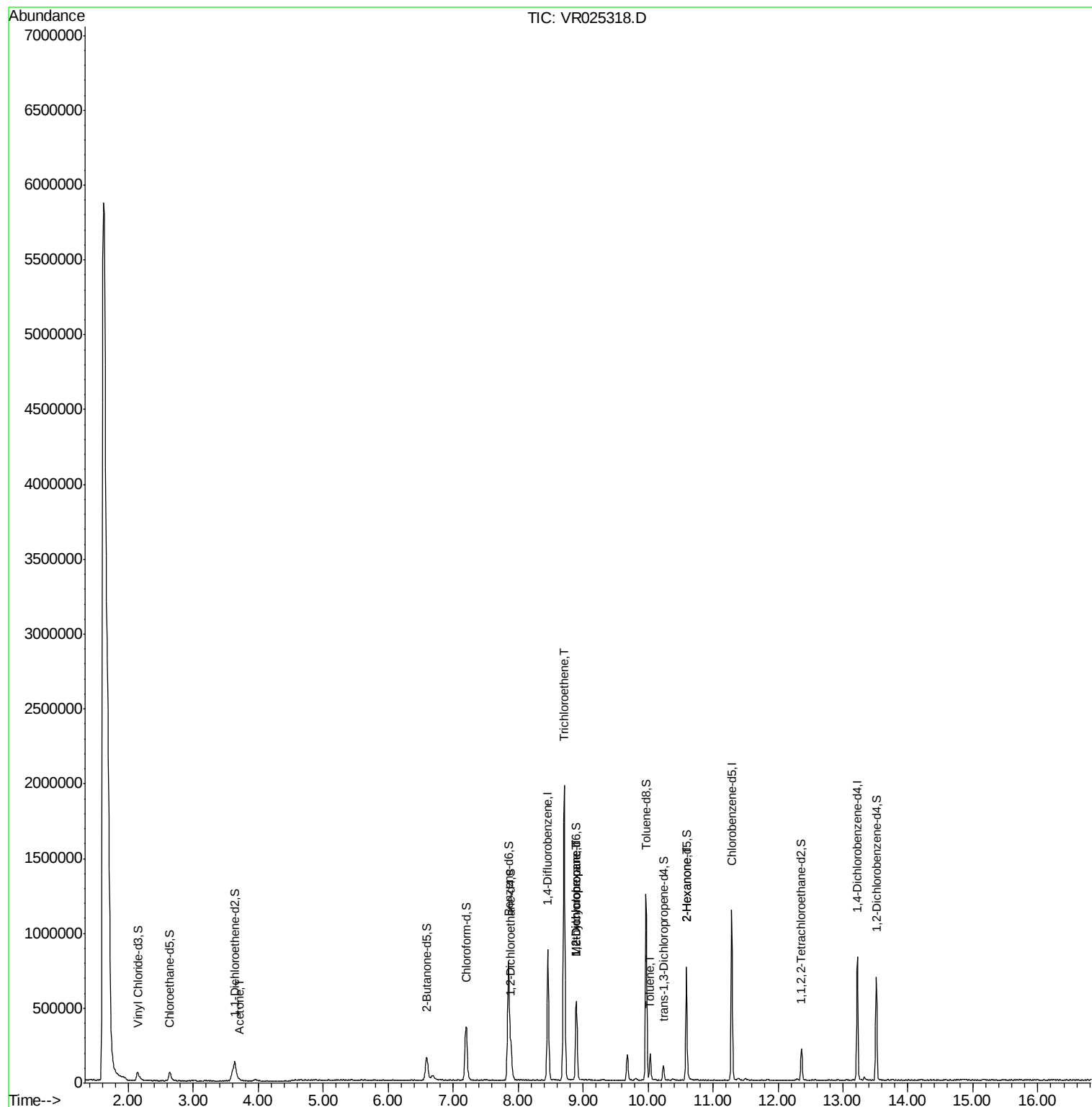
					Qvalue
13) Acetone	3.71	43	11179	4.110	ug/L 94
34) Trichloroethene	8.71	95	683767	13.460	ug/L 98
35) Methylcyclohexane	8.90	83	56685	0.707	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	25543	0.547	ug/L # 93
42) Toluene	10.03	91	120774	0.537	ug/L 100
48) 2-Hexanone	10.59	43	26762	2.779	ug/L # 72

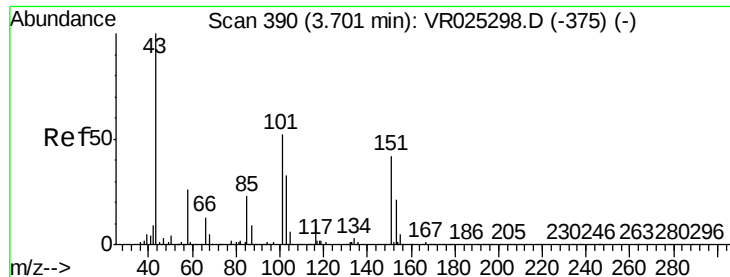
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.110 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025318.D

Acq: 16 Jun 2018 1:30

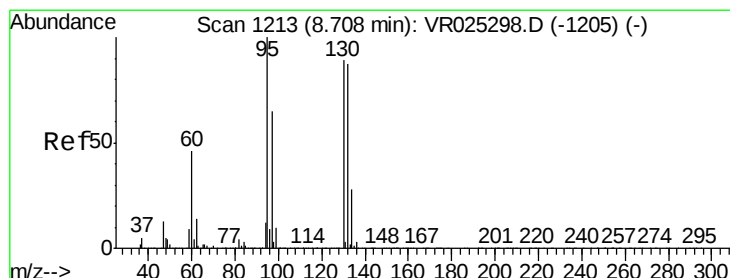
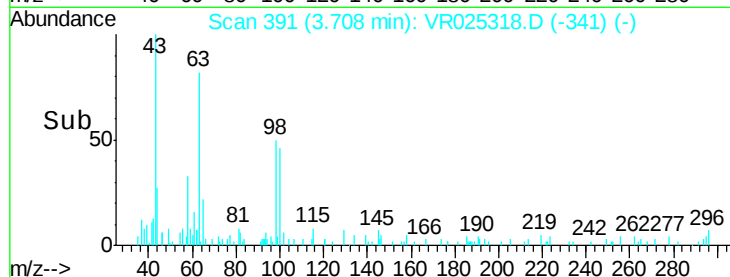
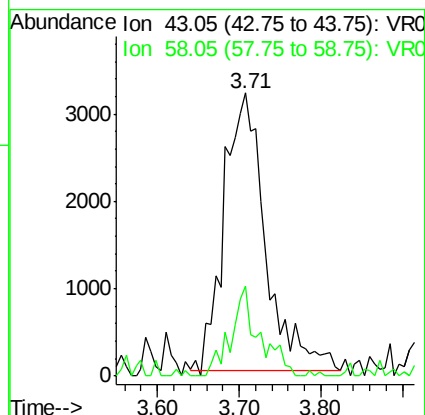
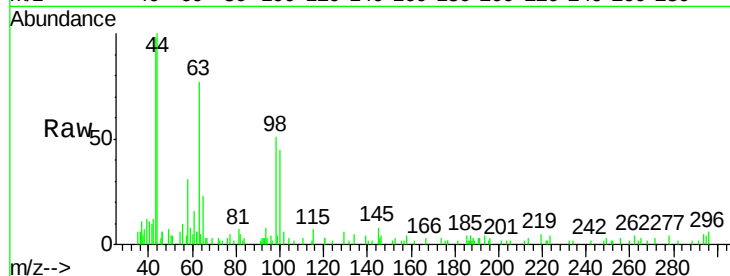
Instrument :
MSVOA_R
ClientSampled :
ESWF0

Tgt Ion: 43 Resp: 11179

Ion Ratio Lower Upper

43 100

58 17.9 0.0 41.6



#34

Trichloroethene

Concen: 13.460 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025318.D

Acq: 16 Jun 2018 1:30

Tgt Ion: 95 Resp: 683767

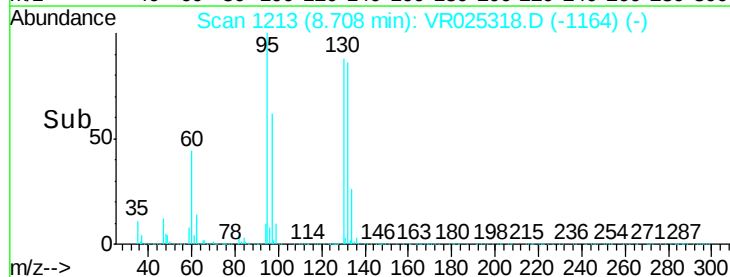
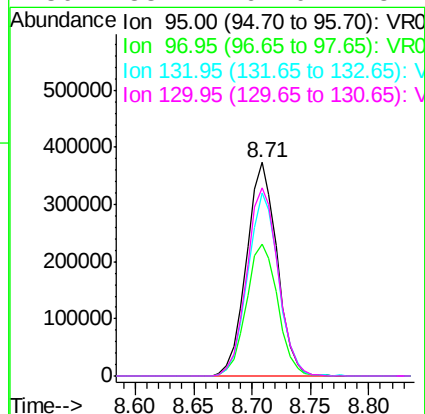
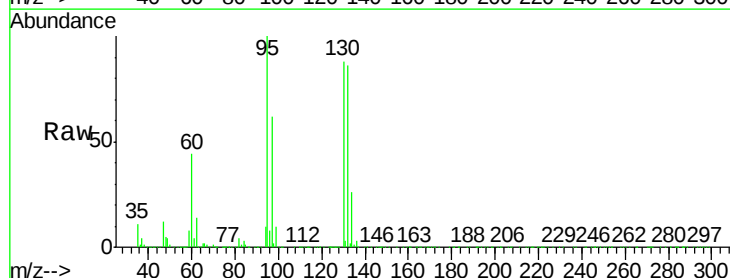
Ion Ratio Lower Upper

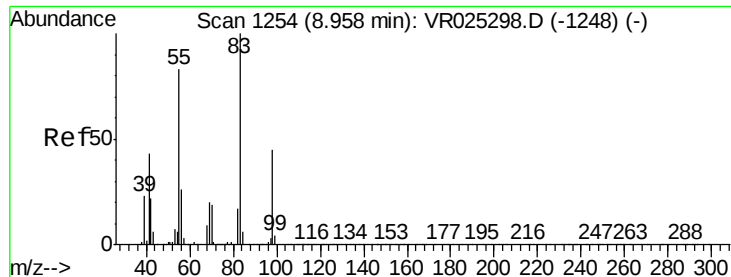
95 100

97 61.6 45.6 84.6

132 85.6 60.9 113.1

130 88.2 62.0 115.2





#35

Methylcyclohexane

Concen: 0.707 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025318.D

Acq: 16 Jun 2018 1:30

Instrument :

MSVOA_R

ClientSampleId :

ESWF0

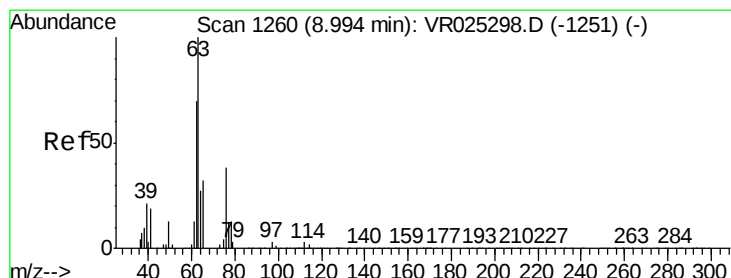
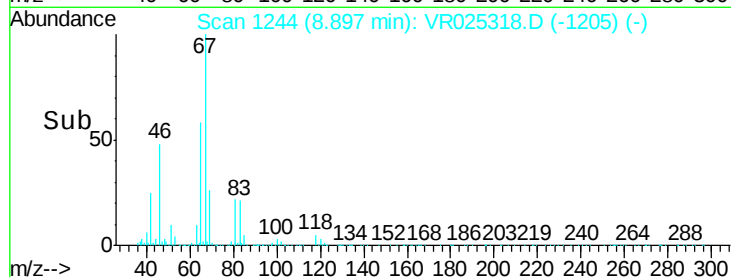
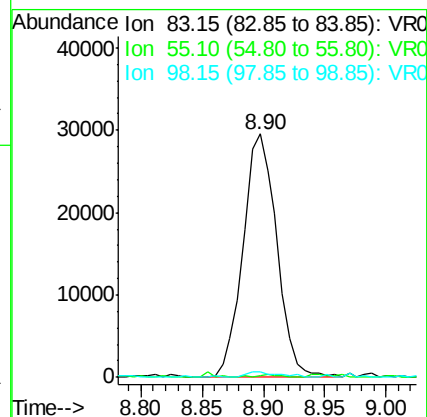
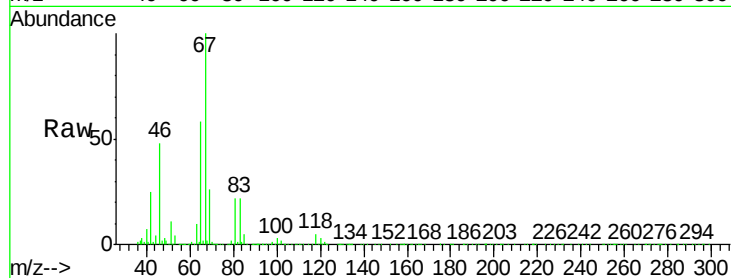
Tgt Ion: 83 Resp: 56685

Ion Ratio Lower Upper

83 100

55 0.8 66.1 99.1#

98 2.7 36.2 54.4#



#37

1,2-Dichloropropane

Concen: 0.547 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025318.D

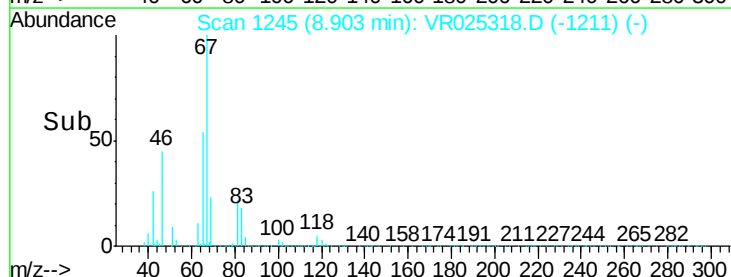
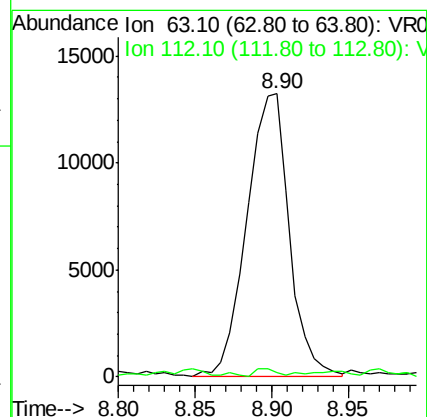
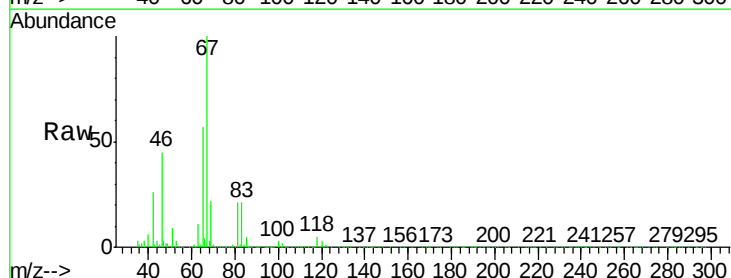
Acq: 16 Jun 2018 1:30

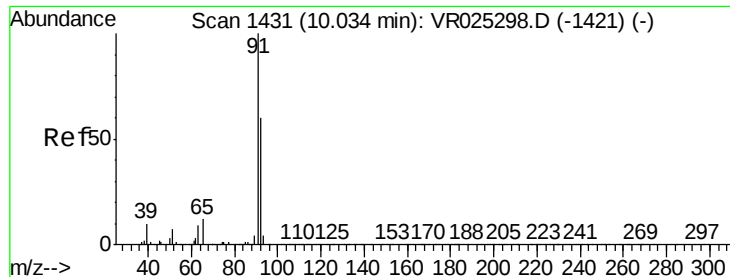
Tgt Ion: 63 Resp: 25543

Ion Ratio Lower Upper

63 100

112 1.3 2.9 4.3#





#42

Toluene

Concen: 0.537 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025318.D

Acq: 16 Jun 2018 1:30

Instrument :

MSVOA_R

ClientSampleId :

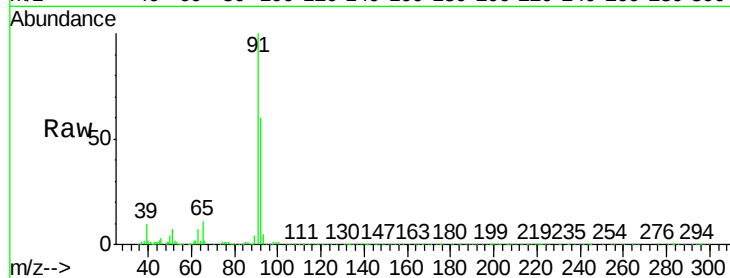
ESWF0

Tgt Ion: 91 Resp: 120774

Ion Ratio Lower Upper

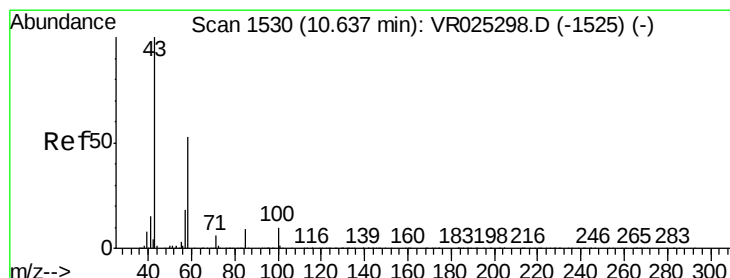
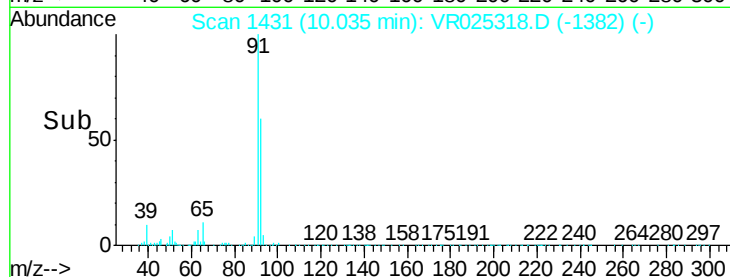
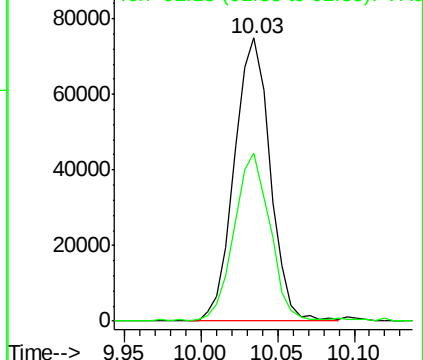
91 100

92 59.5 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: 2.779 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

Lab File: VR025318.D

Acq: 16 Jun 2018 1:30

Tgt Ion: 43 Resp: 26762

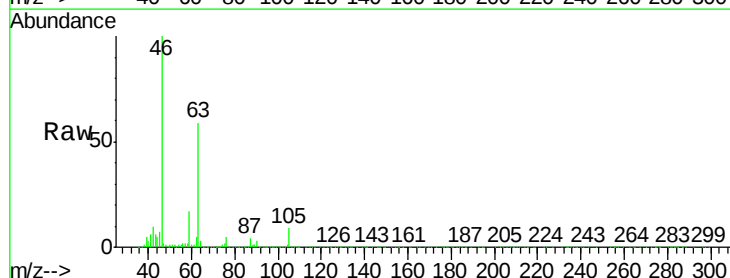
Ion Ratio Lower Upper

43 100

58 32.4 43.1 64.7#

57 32.2 15.3 22.9#

100 4.7 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

