

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025399.D
 Acq On : 21 Jun 2018 15:11
 Operator : SY/MD
 Sample : J3514-21
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH8

Quant Time: Jun 22 02:53:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	525461	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449649	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	156168	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	74201	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	2.64	69	53812	4.09	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	3.64	63	147000	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	6.60	46	314895	65.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.28%#
24) Chloroform-d	7.20	84	357065	5.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.80%
26) 1,2-Dichloroethane-d4	7.90	65	144496	5.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.00%
32) Benzene-d6	7.86	84	717301	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	8.90	67	223871	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	9.97	98	614245	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
43) trans-1,3-Dichloropropene-	10.24	79	43853	3.80	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.00%
46) 2-Hexanone-d5	10.59	63	266149	66.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.04%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	110734	6.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.40%#
64) 1,2-Dichlorobenzene-d4	13.51	152	151974	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

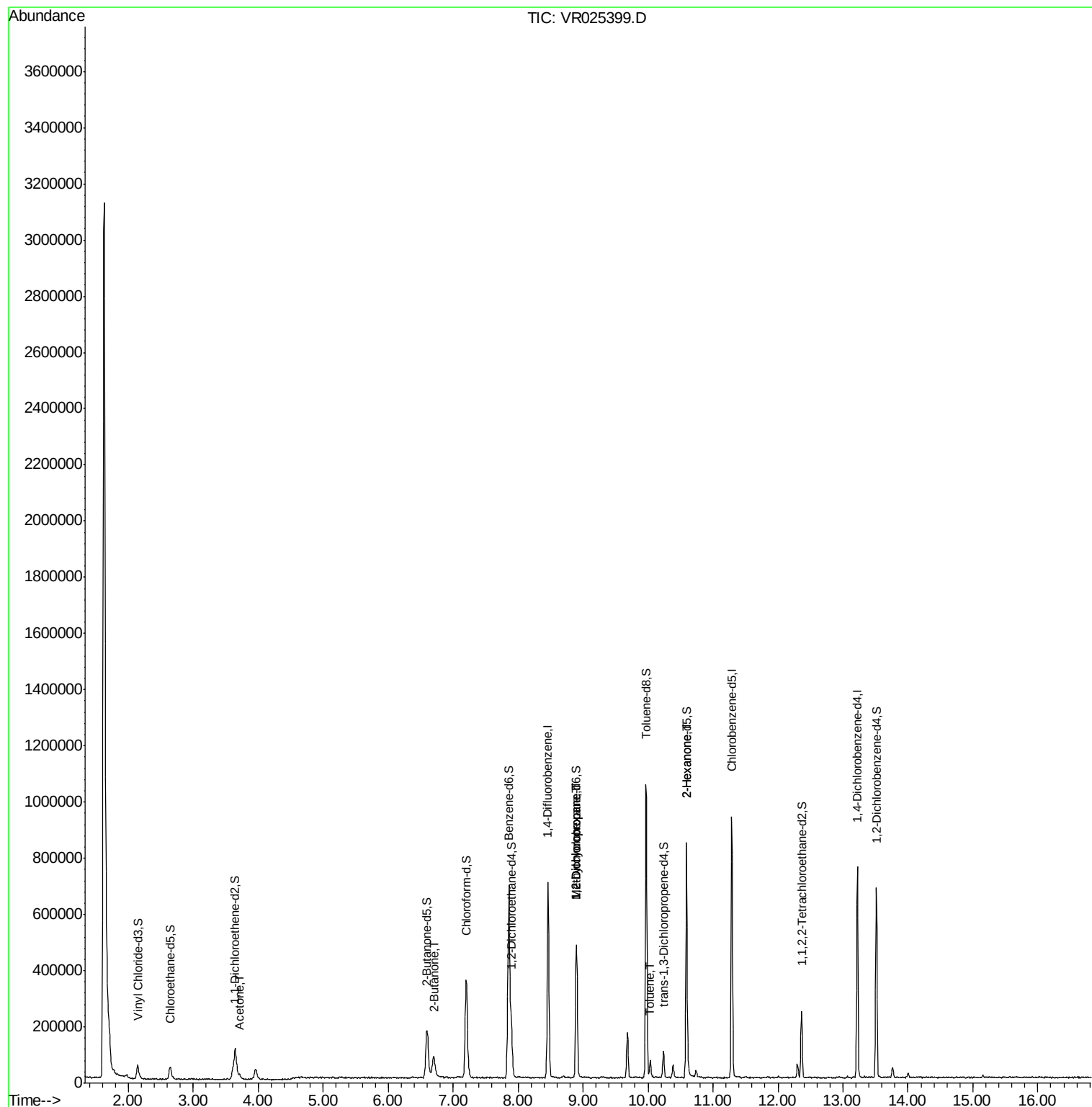
					Qvalue
13) Acetone	3.71	43	26802	12.370 ug/L	93
21) 2-Butanone	6.70	43	11061	2.160 ug/L	86
35) Methylcyclohexane	8.90	83	52738	0.782 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	22264	0.567 ug/L #	91
42) Toluene	10.03	91	39823	0.211 ug/L	89
48) 2-Hexanone	10.59	43	34764	4.294 ug/L #	74

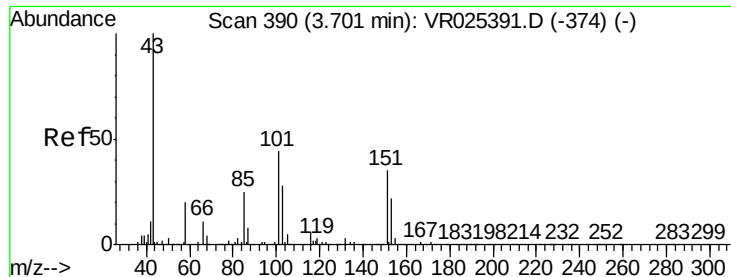
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 12.370 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

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Acq: 21 Jun 2018 15:11

Instrument :

MSVOA_R

ClientSampleId :

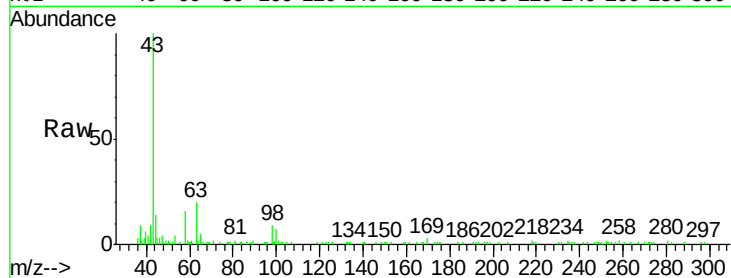
C0KH8

Tgt Ion: 43 Resp: 26802

Ion Ratio Lower Upper

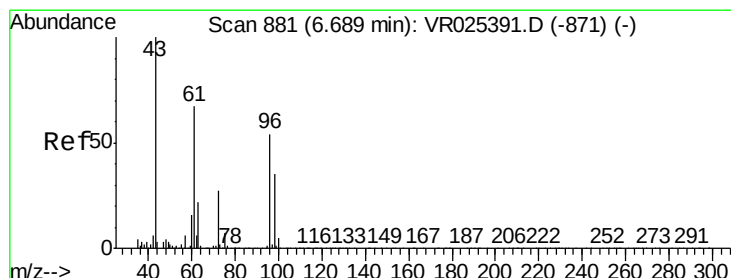
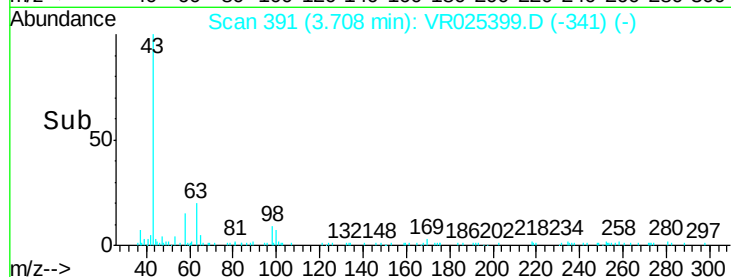
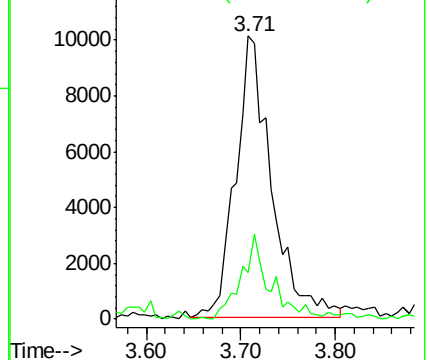
43 100

58 24.3 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: 2.160 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025399.D

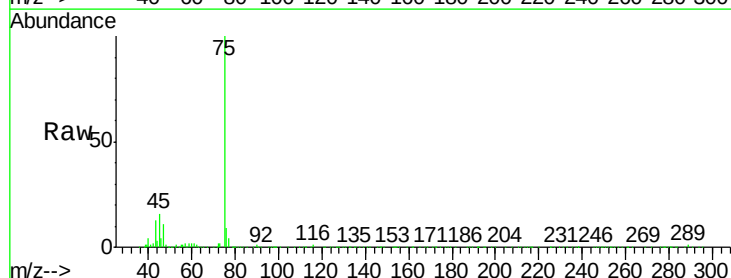
Acq: 21 Jun 2018 15:11

Tgt Ion: 43 Resp: 11061

Ion Ratio Lower Upper

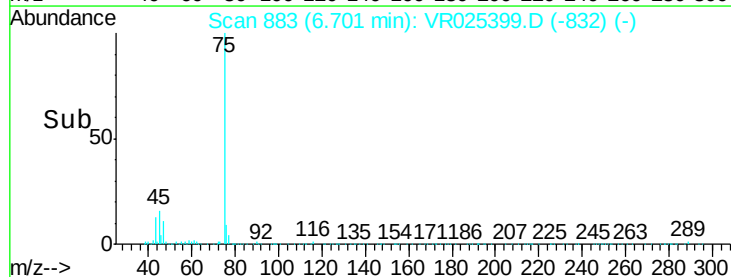
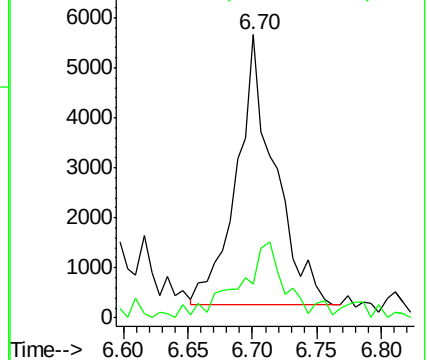
43 100

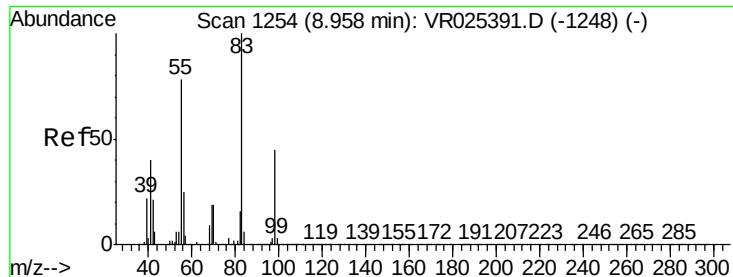
72 32.9 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0

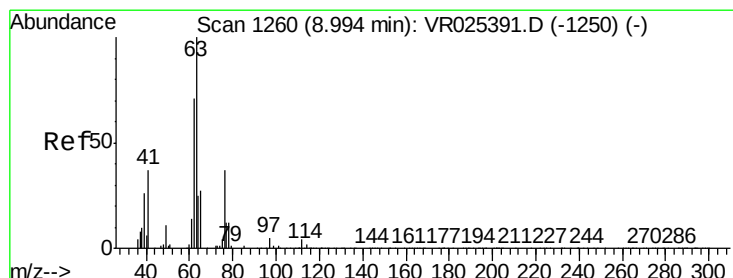
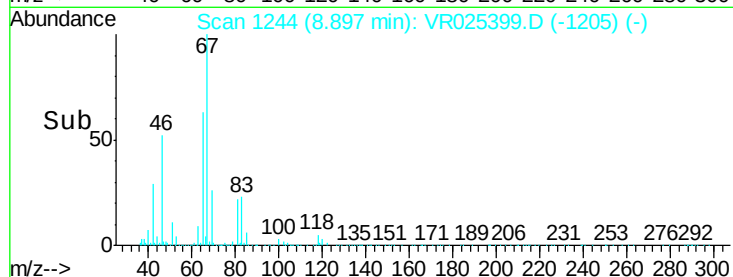
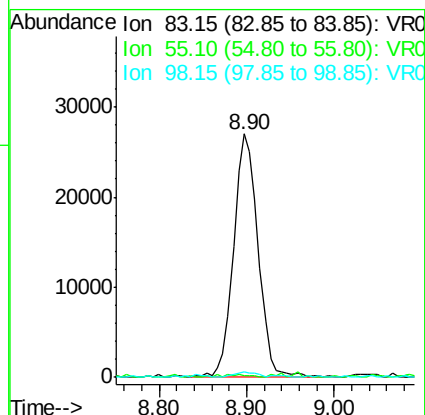
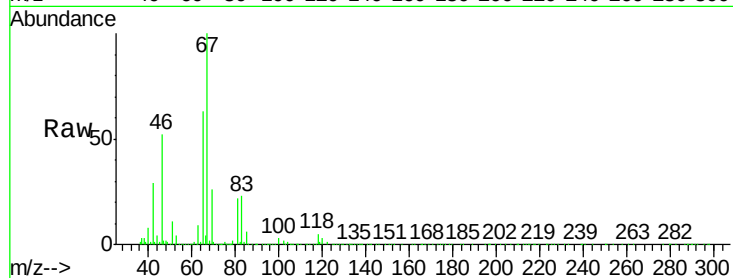




#35
Methylcyclohexane
Concen: 0.782 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.06 min
Lab File: VR025399.D
Acq: 21 Jun 2018 15:11

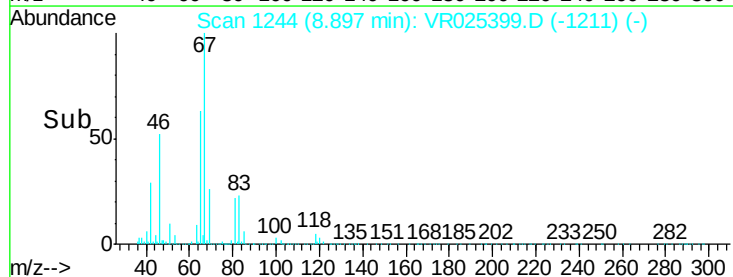
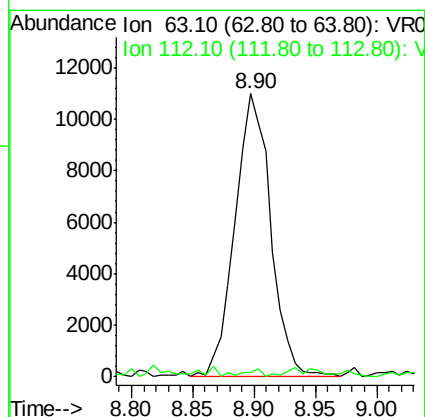
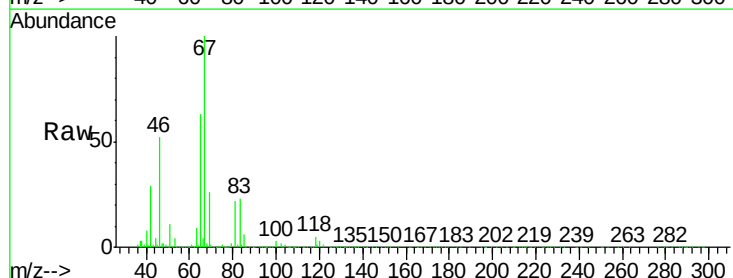
Instrument :
MSVOA_R
ClientSampled :
C0KH8

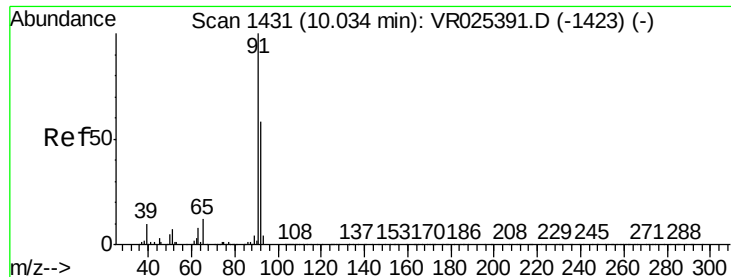
Tgt Ion: 83 Resp: 52738
Ion Ratio Lower Upper
83 100
55 1.0 66.1 99.1#
98 2.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.567 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025399.D
Acq: 21 Jun 2018 15:11

Tgt Ion: 63 Resp: 22264
Ion Ratio Lower Upper
63 100
112 0.8 2.9 4.3#





#42

Toluene

Concen: 0.211 ug/L

RT: 10.03 min Scan# 1431

Delta R.T. 0.00 min

Lab File: VR025399.D

Acq: 21 Jun 2018 15:11

Instrument :

MSVOA_R

ClientSampled :

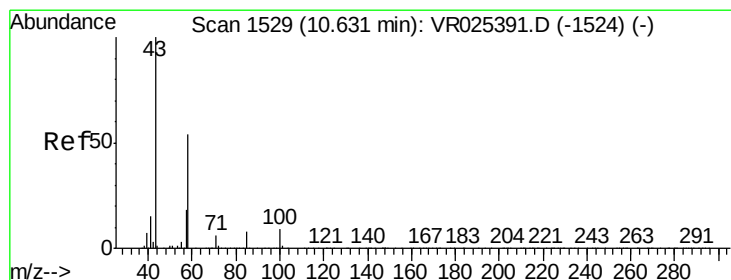
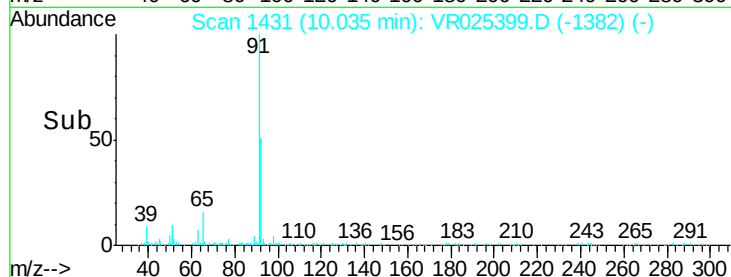
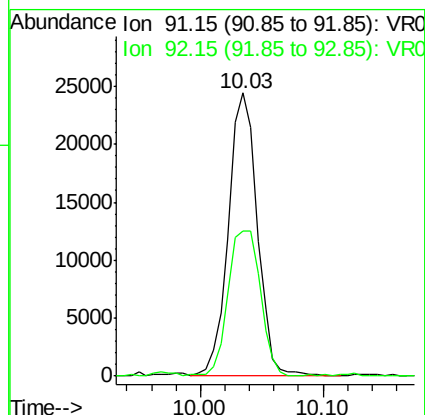
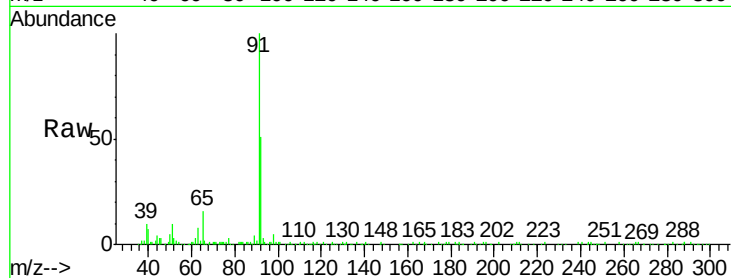
C0KH8

Tgt Ion: 91 Resp: 39823

Ion Ratio Lower Upper

91 100

92 51.4 41.9 77.7



#48

2-Hexanone

Concen: 4.294 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025399.D

Acq: 21 Jun 2018 15:11

Tgt Ion: 43 Resp: 34764

Ion Ratio Lower Upper

43 100

58 32.1 43.1 64.7#

57 28.1 15.3 22.9#

100 5.1 7.9 11.9#

