

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025398.D
 Acq On : 21 Jun 2018 14:38
 Operator : SY/MD
 Sample : J3514-20
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH7RE

Quant Time: Jun 22 02:53:30 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	508564	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	430175	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	141383	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	66932	3.86	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.20%
7) Chloroethane-d5	2.64	69	54577	4.29	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	3.64	63	144181	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	6.60	46	304229	65.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.04%#
24) Chloroform-d	7.20	84	349779	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	7.89	65	143332	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.80%
32) Benzene-d6	7.86	84	708203	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	8.90	67	223634	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	9.97	98	605483	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
43) trans-1,3-Dichloropropene-	10.24	79	48811	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	10.59	63	257468	67.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.54%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	102879	6.38	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	127.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	148705	6.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.00%#

Target Compounds

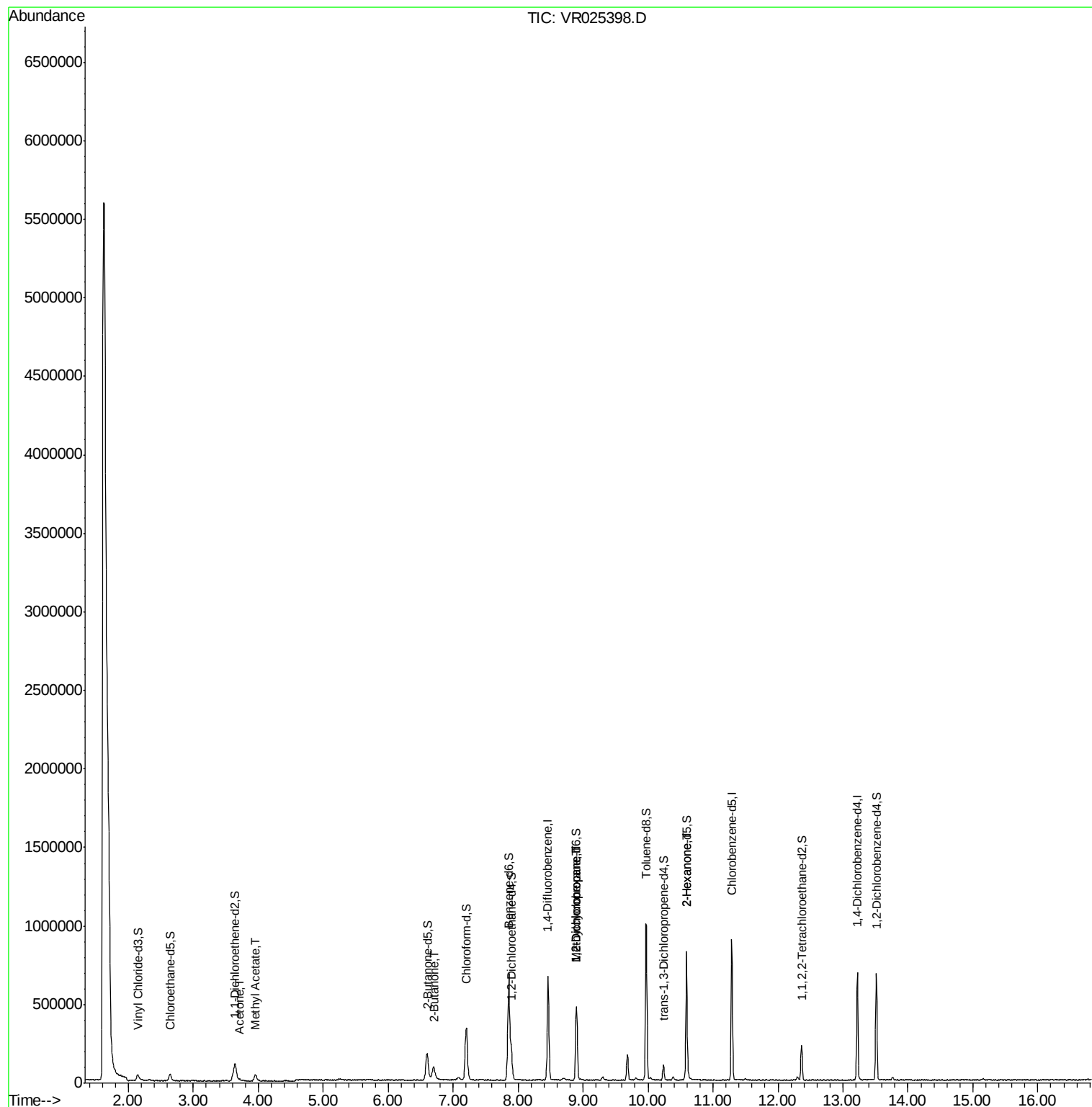
					Qvalue
13) Acetone	3.71	43	13789	6.576	ug/L 96
15) Methyl Acetate	3.95	43	20658	3.918	ug/L # 56
21) 2-Butanone	6.70	43	11140	2.248	ug/L 75
35) Methylcyclohexane	8.90	83	48807	0.757	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	22160	0.590	ug/L # 95
48) 2-Hexanone	10.59	43	32062	4.140	ug/L # 68

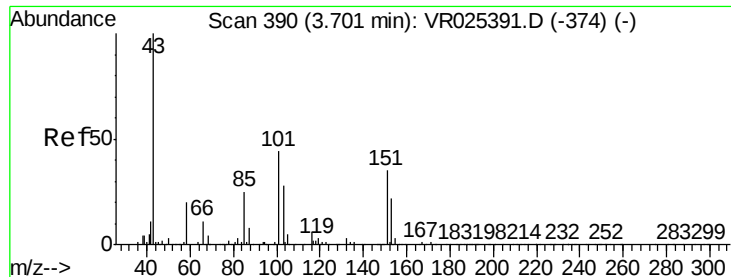
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jun 22 02:50:30 2018
Response via : Initial Calibration





#13

Acetone

Concen: 6.576 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

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MSVOA_R

ClientSampleId :

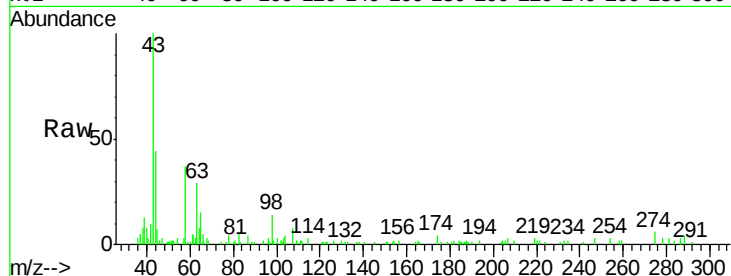
C0KH7RE

Tgt Ion: 43 Resp: 13789

Ion Ratio Lower Upper

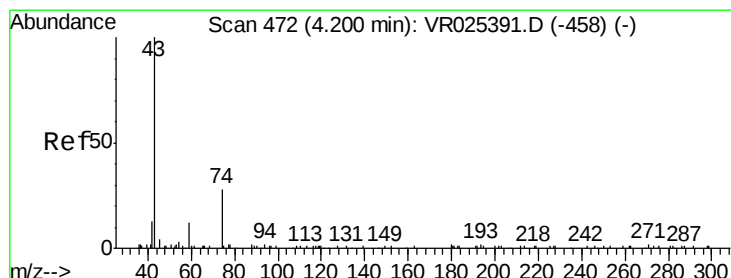
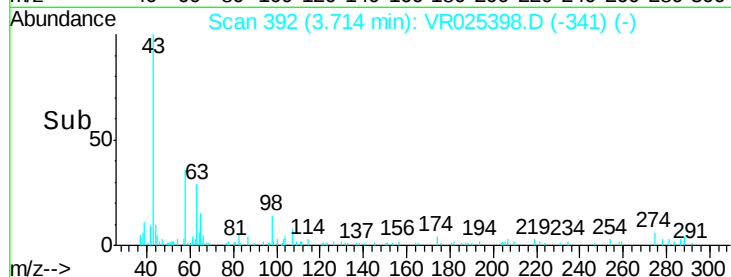
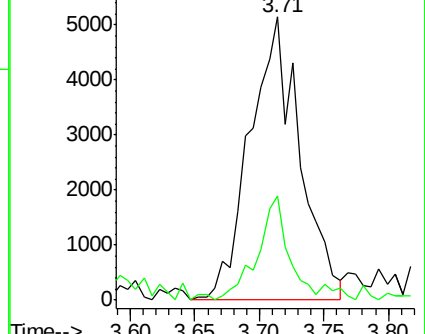
43 100

58 22.8 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#15

Methyl Acetate

Concen: 3.918 ug/L

RT: 3.95 min Scan# 431

Delta R.T. -0.25 min

Lab File: VR025398.D

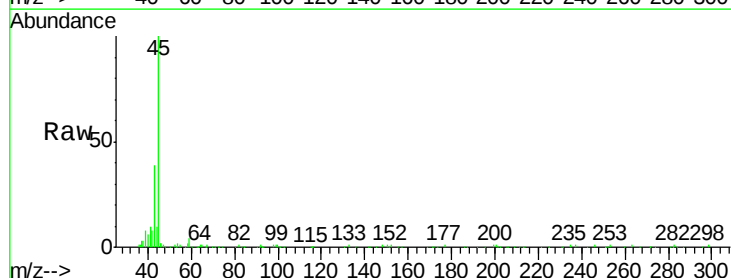
Acq: 21 Jun 2018 14:38

Tgt Ion: 43 Resp: 20658

Ion Ratio Lower Upper

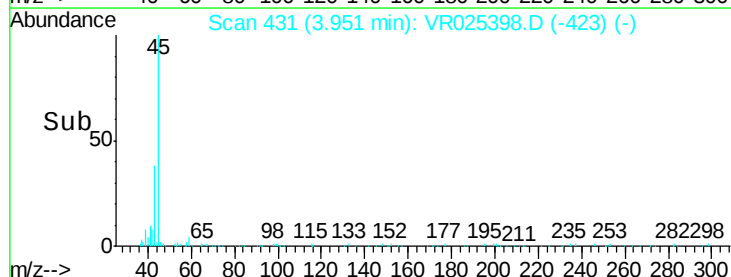
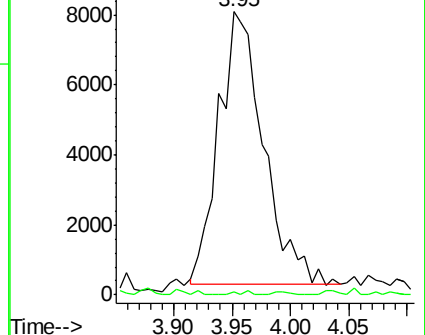
43 100

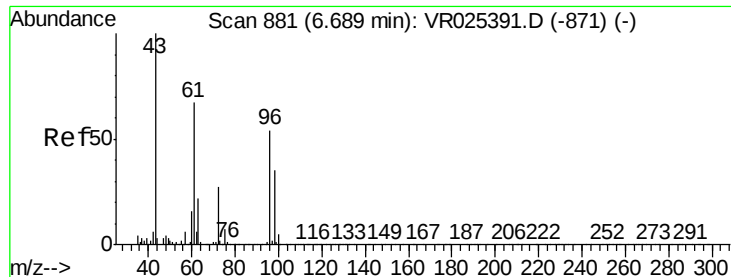
74 0.3 16.7 25.1#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 74.05 (73.75 to 74.75): VR0





#21

2-Butanone

Concen: 2.248 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

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ClientSampleId :

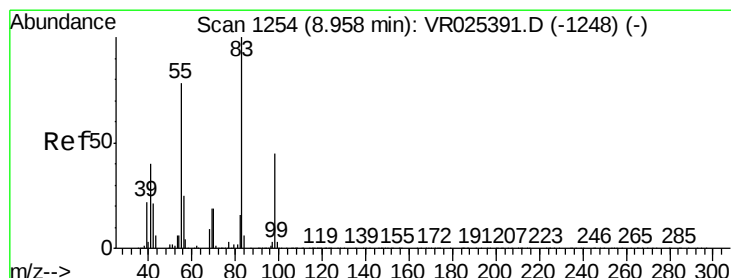
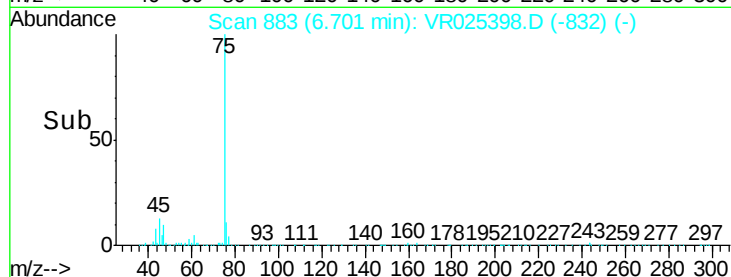
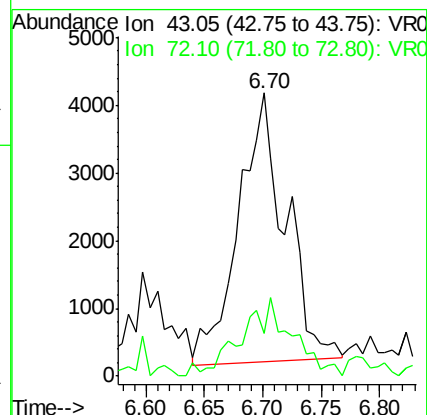
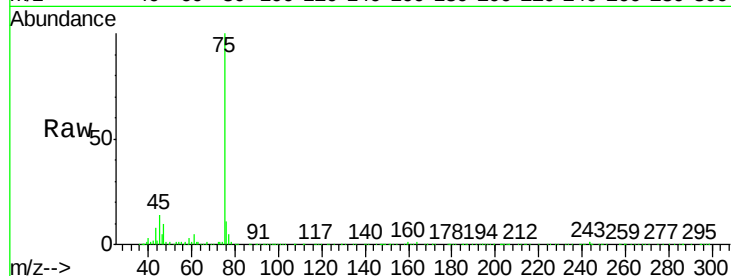
C0KH7RE

Tgt Ion: 43 Resp: 11140

Ion Ratio Lower Upper

43 100

72 13.1 13.0 38.9



#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025398.D

Acq: 21 Jun 2018 14:38

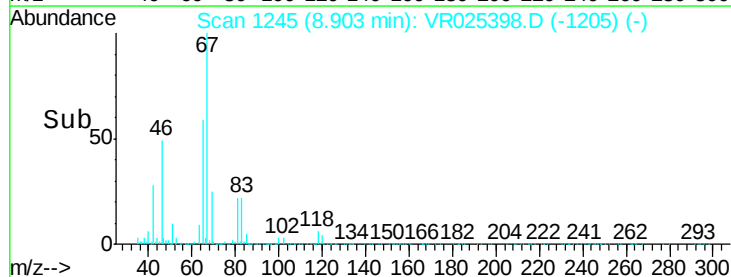
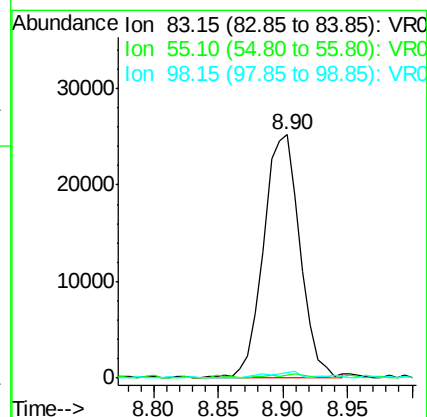
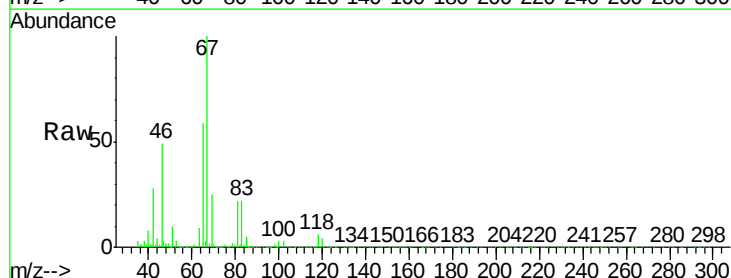
Tgt Ion: 83 Resp: 48807

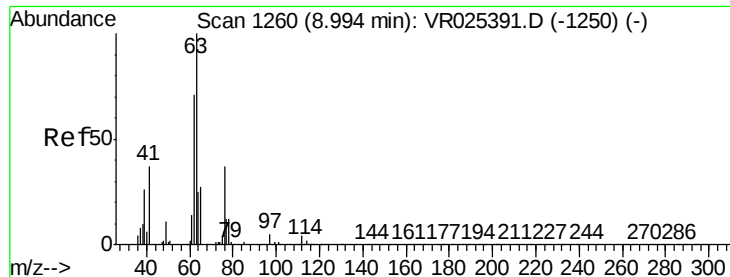
Ion Ratio Lower Upper

83 100

55 1.3 66.1 99.1#

98 2.4 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025398.D

Acq: 21 Jun 2018 14:38

Instrument :

MSVOA_R

ClientSampleId :

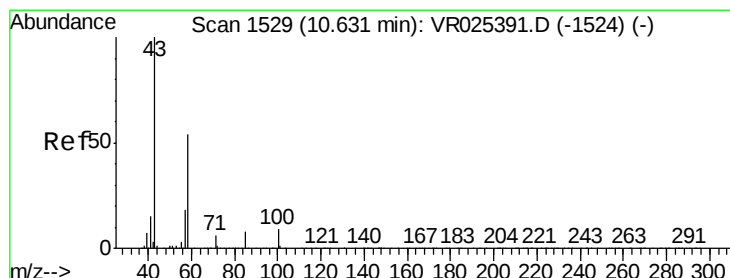
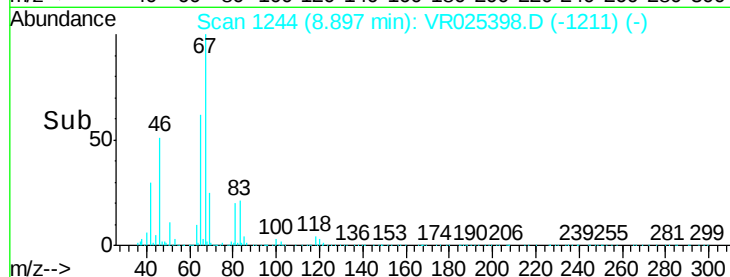
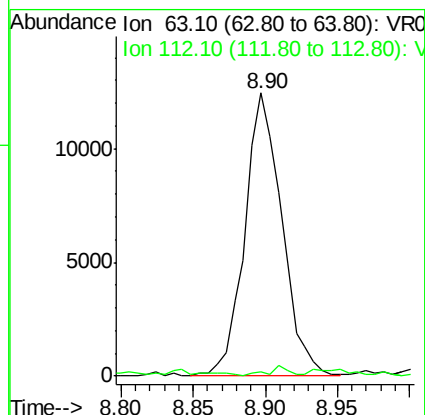
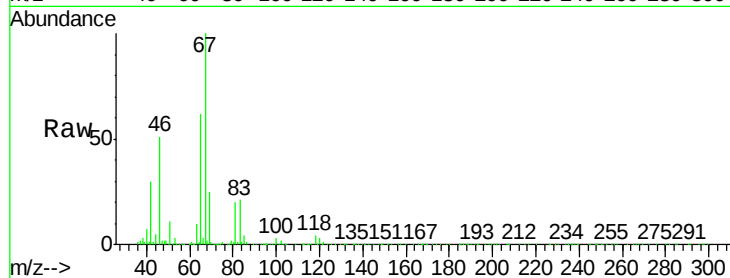
C0KH7RE

Tgt Ion: 63 Resp: 22160

Ion Ratio Lower Upper

63 100

112 1.9 2.9 4.3#



#48

2-Hexanone

Concen: 4.140 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025398.D

Acq: 21 Jun 2018 14:38

Tgt Ion: 43 Resp: 32062

Ion Ratio Lower Upper

43 100

58 27.3 43.1 64.7#

57 30.4 15.3 22.9#

100 4.3 7.9 11.9#

