

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025379.D
 Acq On : 20 Jun 2018 14:17
 Operator : SY/MD
 Sample : J3514-15
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH2

Quant Time: Jun 21 01:41:31 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 21 01:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	527987	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	455169	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	153208	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	85542	4.75	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.00%
7) Chloroethane-d5	2.64	69	66852	5.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	101.20%
11) 1,1-Dichloroethene-d2	3.64	63	164530	3.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.20%
20) 2-Butanone-d5	6.60	46	296201	61.45	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.90%
24) Chloroform-d	7.21	84	365883	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.00%
26) 1,2-Dichloroethane-d4	7.90	65	149989	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	7.86	84	768868	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.60%
36) 1,2-Dichloropropane-d6	8.90	67	232626	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	9.97	98	664108	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.40%
43) trans-1,3-Dichloropropene-	10.24	79	49034	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	10.59	63	255398	63.06	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.12%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	104598	6.13	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	122.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	154844	5.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.20%

Target Compounds

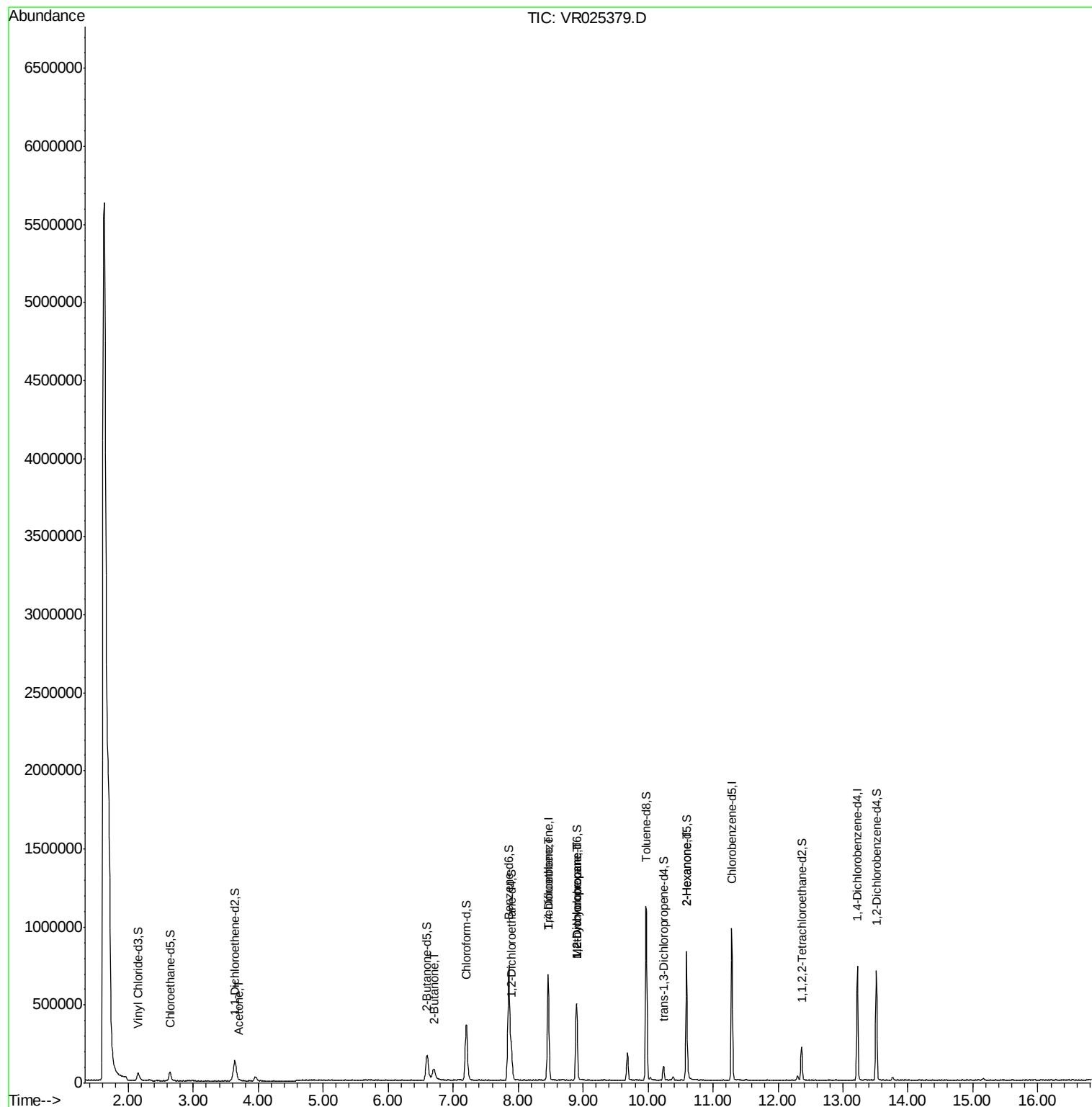
					Qvalue
13) Acetone	3.71	43	8341	3.831 ug/L	91
21) 2-Butanone	6.70	43	5967	1.160 ug/L	81
34) Trichloroethene	8.46	95	16212	0.375 ug/L #	9
35) Methylcyclohexane	8.90	83	53578	0.785 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24731	0.622 ug/L #	94
48) 2-Hexanone	10.59	43	32756	3.997 ug/L #	66

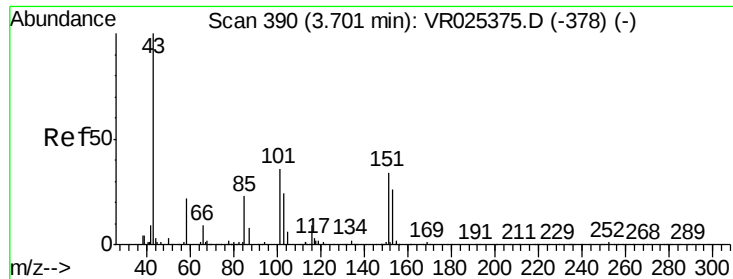
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.831 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

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Acq: 20 Jun 2018 14:17

Instrument :

MSVOA_R

ClientSampleId :

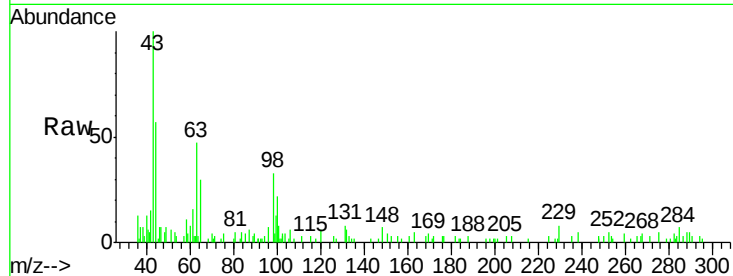
C0KH2

Tgt Ion: 43 Resp: 8341

Ion Ratio Lower Upper

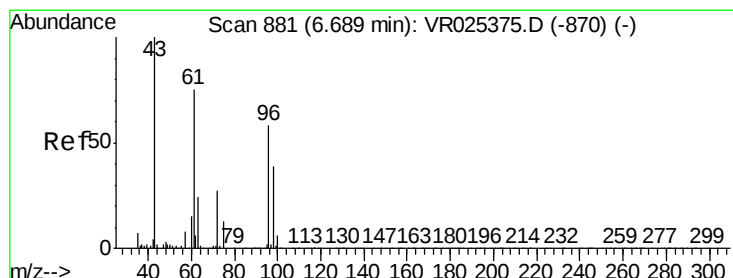
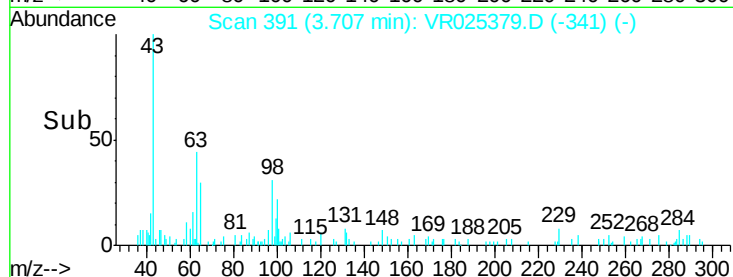
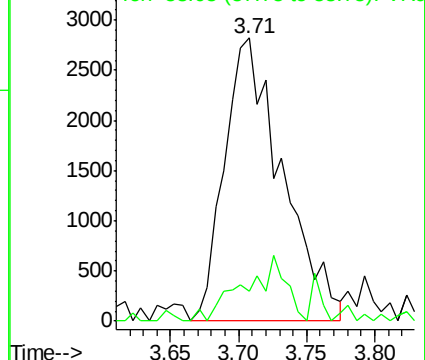
43 100

58 16.7 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: 1.160 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025379.D

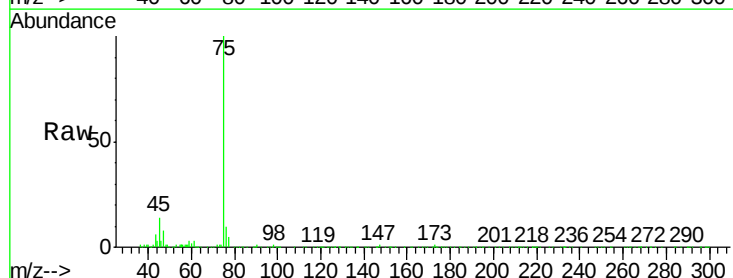
Acq: 20 Jun 2018 14:17

Tgt Ion: 43 Resp: 5967

Ion Ratio Lower Upper

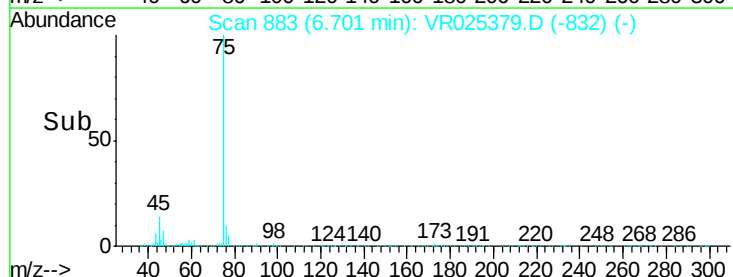
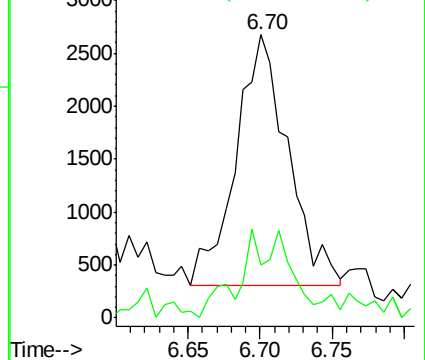
43 100

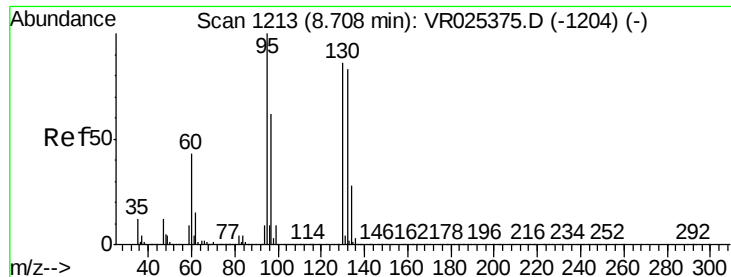
72 16.2 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.375 ug/L

RT: 8.46 min Scan# 1173

Delta R.T. -0.24 min

Lab File: VR025379.D

Acq: 20 Jun 2018 14:17

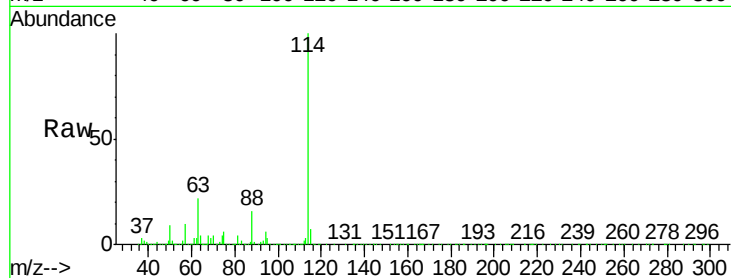
Instrument :

MSVOA_R

ClientSampled :

C0KH2

Tgt Ion:	95	Resp:	16212
Ion Ratio	Lower	Upper	
95	100		
97	0.0	45.6	84.6#
132	0.0	60.9	113.1#
130	0.0	62.0	115.2#

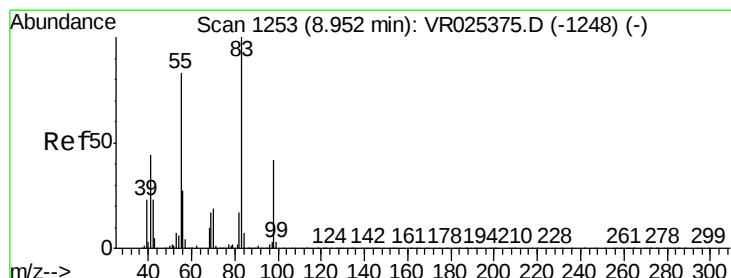
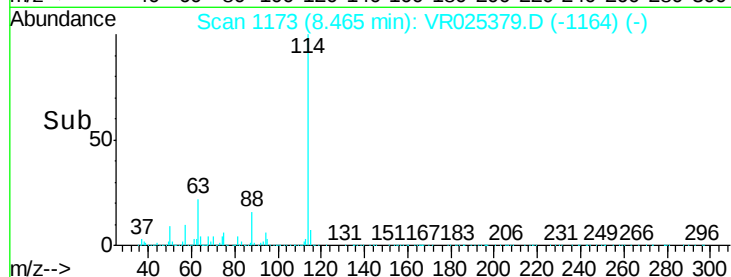
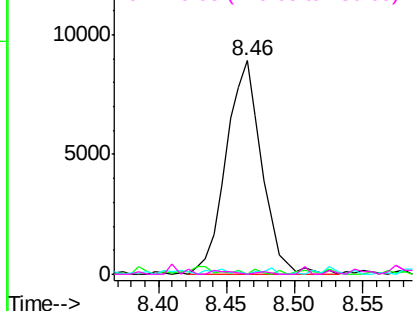


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.785 ug/L

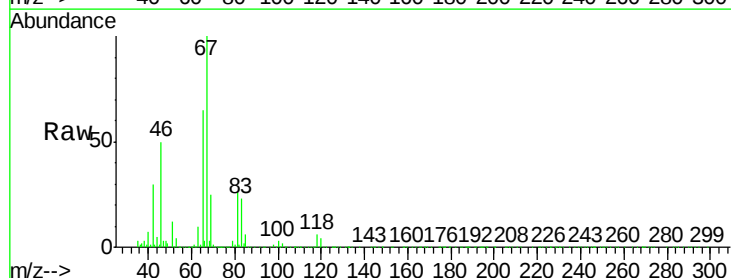
RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025379.D

Acq: 20 Jun 2018 14:17

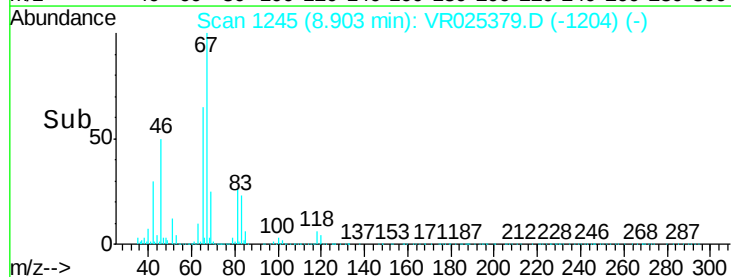
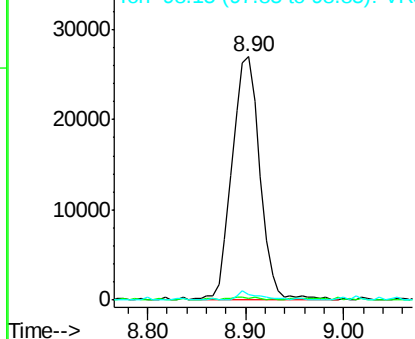
Tgt Ion:	83	Resp:	53578
Ion Ratio	Lower	Upper	
83	100		
55	0.9	66.1	99.1#
98	2.8	36.2	54.4#

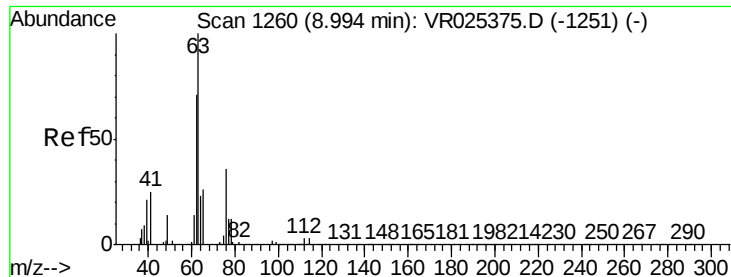


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.622 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025379.D

Acq: 20 Jun 2018 14:17

Instrument :

MSVOA_R

ClientSampleId :

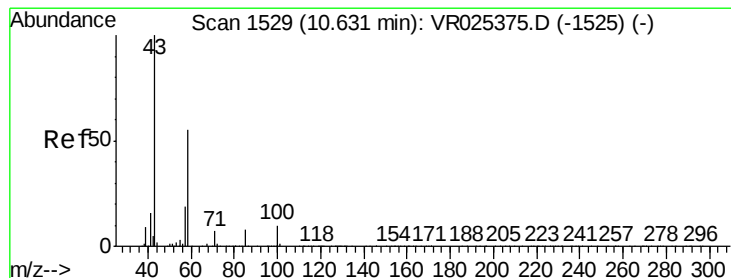
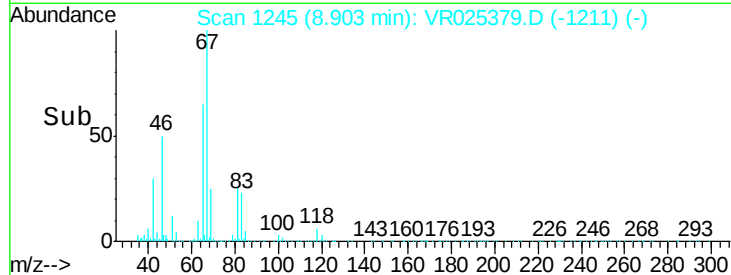
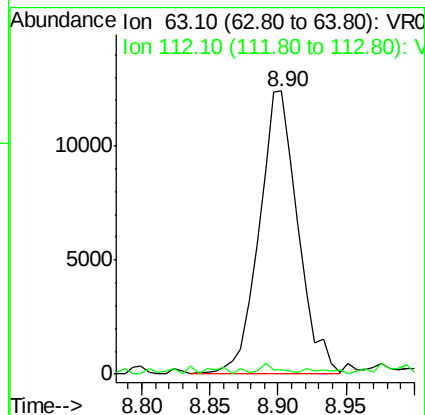
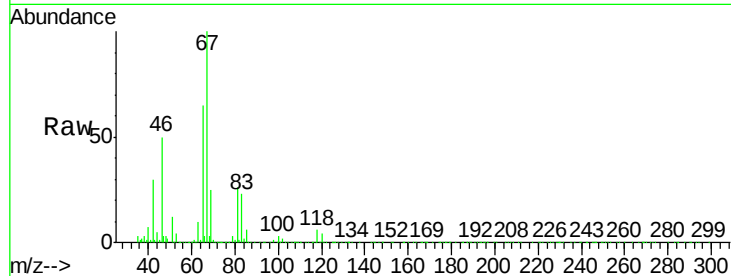
C0KH2

Tgt Ion: 63 Resp: 24731

Ion Ratio Lower Upper

63 100

112 1.7 2.9 4.3#



#48

2-Hexanone

Concen: 3.997 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025379.D

Acq: 20 Jun 2018 14:17

Tgt Ion: 43 Resp: 32756

Ion Ratio Lower Upper

43 100

58 25.9 43.1 64.7#

57 31.7 15.3 22.9#

100 3.0 7.9 11.9#

