

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025382.D
 Acq On : 20 Jun 2018 15:56
 Operator : SY/MD
 Sample : J3514-18
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0KH5

Quant Time: Jun 21 01:41:54 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	515158	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	438601	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	148032	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	77900	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	2.64	69	61577	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	3.63	63	156032	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	6.60	46	303260	64.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	128.96%
24) Chloroform-d	7.21	84	365330	5.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.40%
26) 1,2-Dichloroethane-d4	7.89	65	152024	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	7.86	84	759608	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
36) 1,2-Dichloropropane-d6	8.90	67	234934	5.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.20%
41) Toluene-d8	9.97	98	649557	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.80%
43) trans-1,3-Dichloropropene-	10.24	79	43567	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	10.59	63	262712	67.32	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	134.64%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	107720	6.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	131.00%#
64) 1,2-Dichlorobenzene-d4	13.51	152	159451	6.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.00%#

Target Compounds

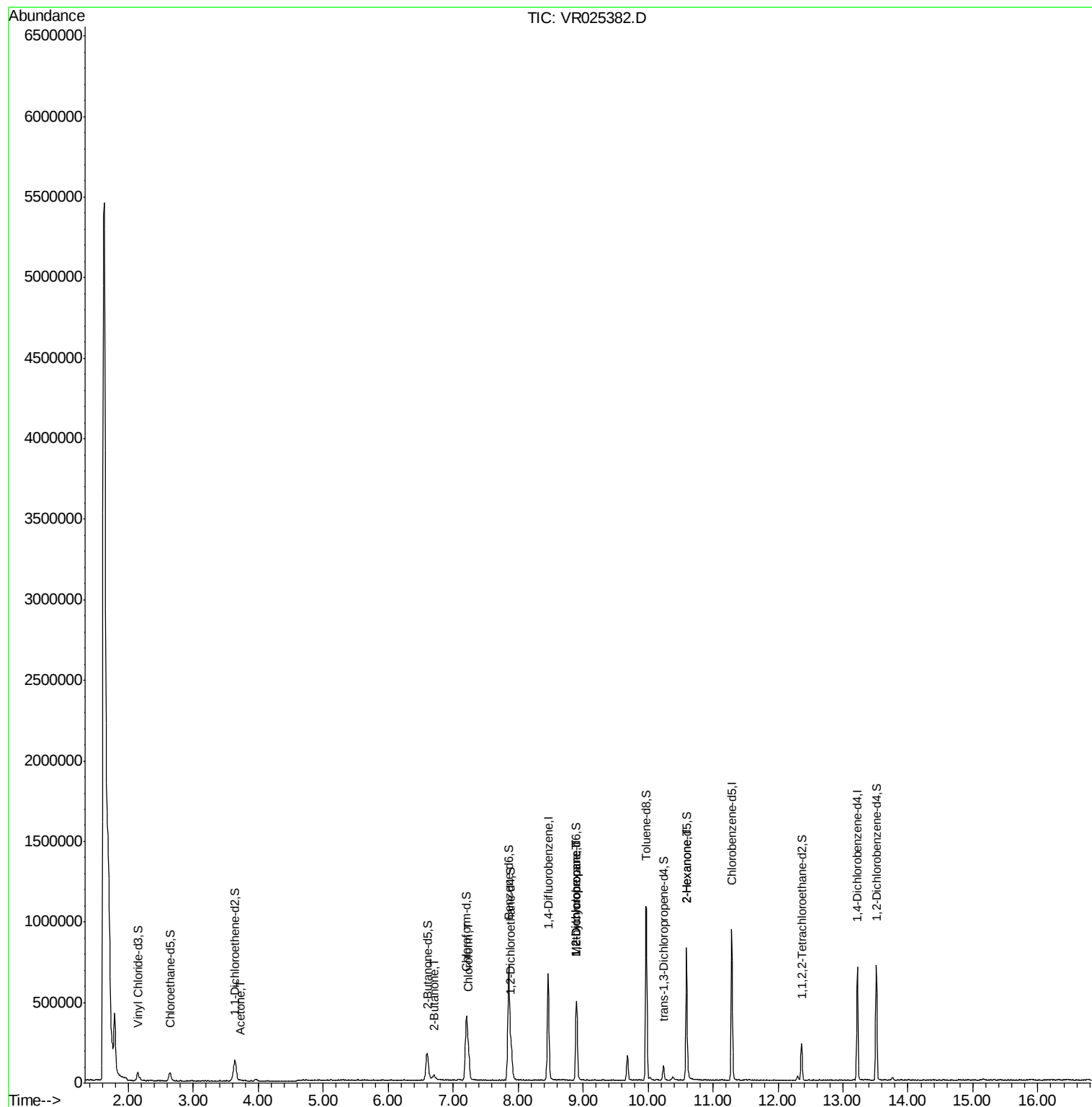
					Qvalue
13) Acetone	3.72	43	7439	3.502	ug/L 81
21) 2-Butanone	6.70	43	6555	1.306	ug/L 95
25) Chloroform	7.24	83	167093	2.614	ug/L 100
35) Methylcyclohexane	8.90	83	52466	0.798	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	24125	0.630	ug/L # 96
48) 2-Hexanone	10.59	43	31585	4.000	ug/L # 67

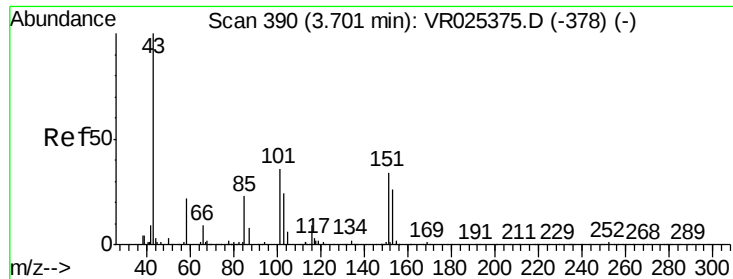
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.502 ug/L

RT: 3.72 min Scan# 393

Delta R.T. 0.02 min

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Instrument :

MSVOA_R

ClientSampleId :

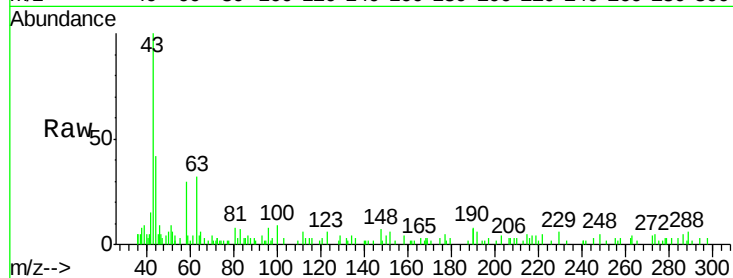
C0KH5

Tgt Ion: 43 Resp: 7439

Ion Ratio Lower Upper

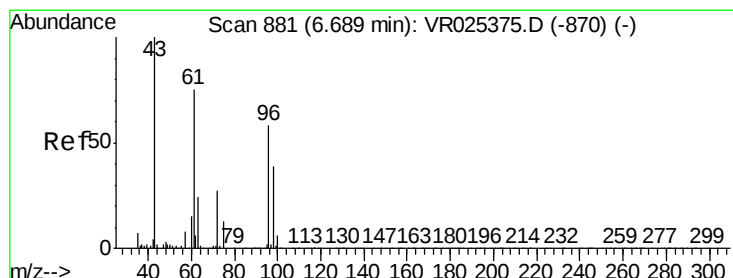
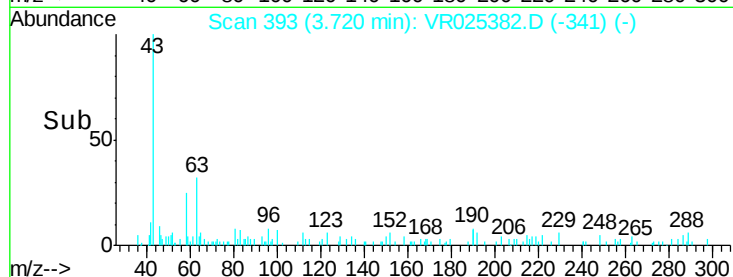
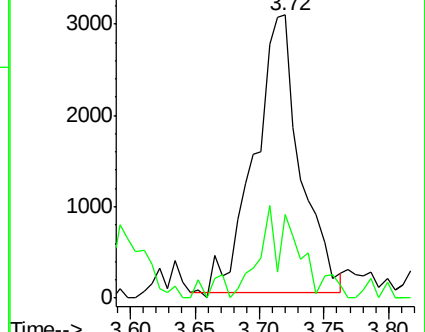
43 100

58 12.0 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: 1.306 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025382.D

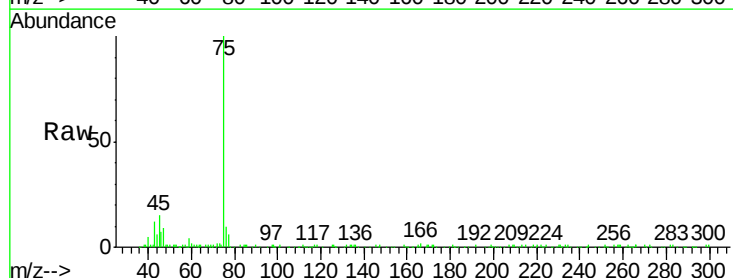
Acq: 20 Jun 2018 15:56

Tgt Ion: 43 Resp: 6555

Ion Ratio Lower Upper

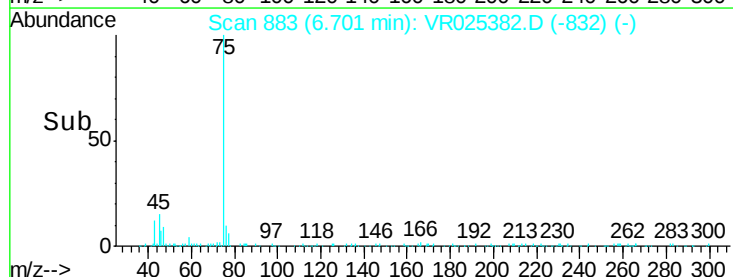
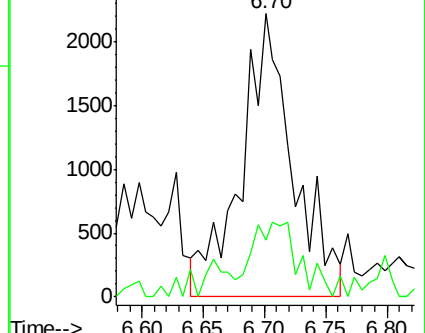
43 100

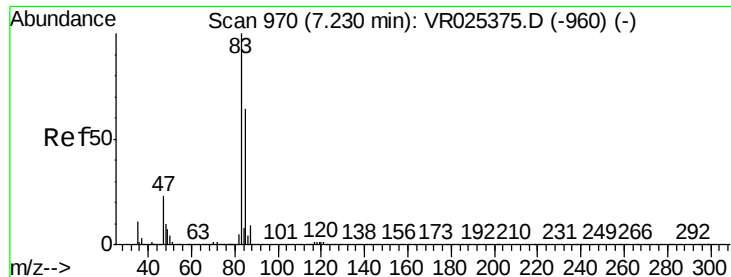
72 23.4 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#25

Chloroform

Concen: 2.614 ug/L

RT: 7.24 min Scan# 971

Delta R.T. 0.01 min

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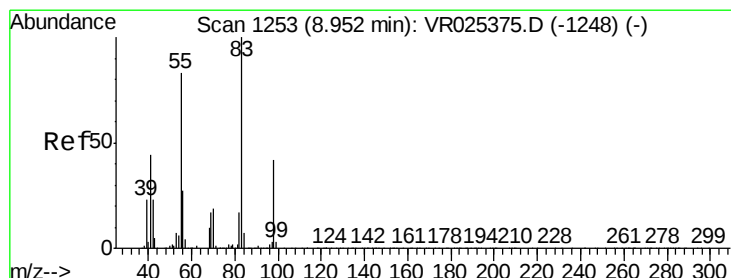
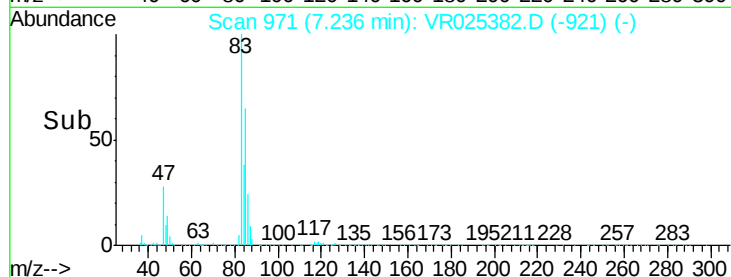
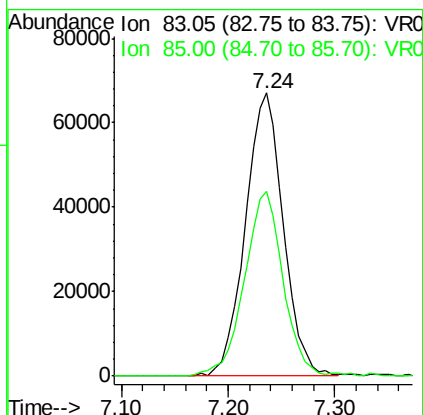
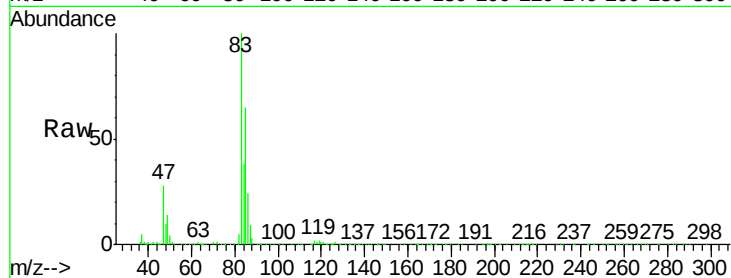
C0KH5

Tgt Ion: 83 Resp: 167093

Ion Ratio Lower Upper

83 100

85 65.3 45.4 84.4



#35

Methylcyclohexane

Concen: 0.798 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025382.D

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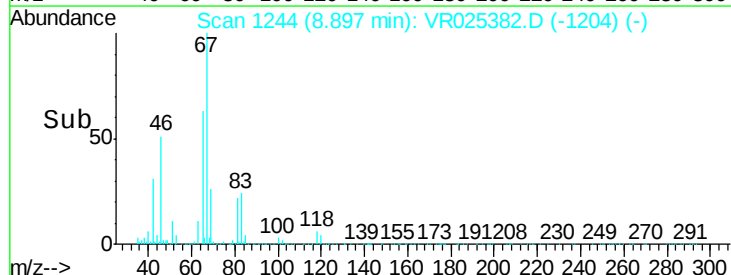
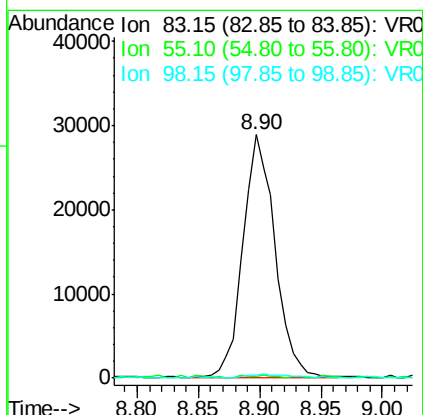
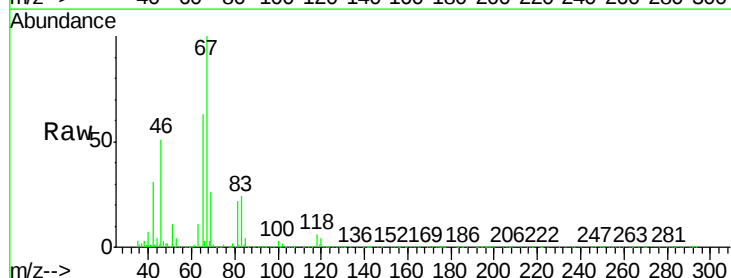
Tgt Ion: 83 Resp: 52466

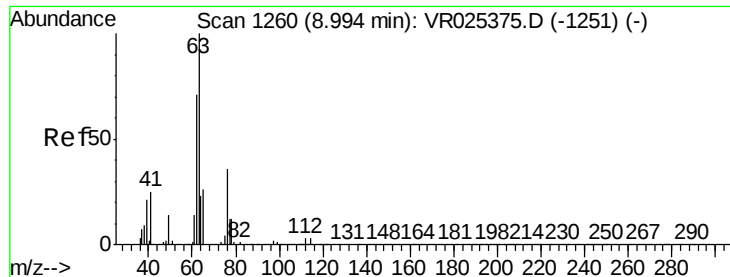
Ion Ratio Lower Upper

83 100

55 0.3 66.1 99.1#

98 2.4 36.2 54.4#

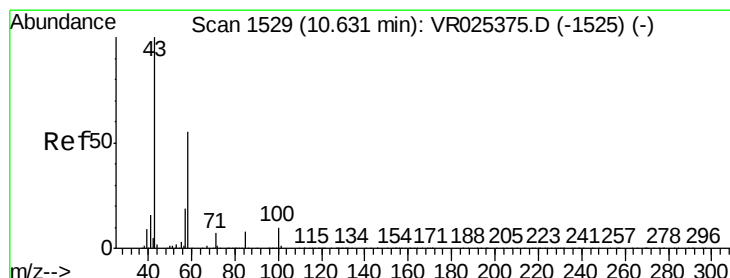
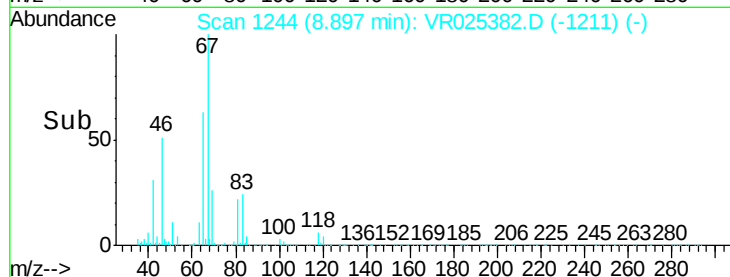
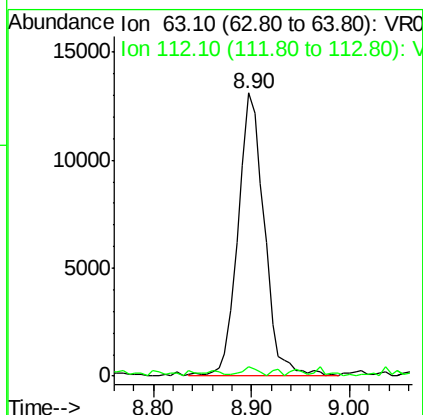
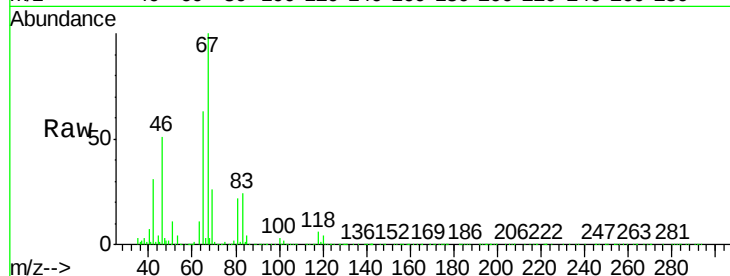




#37
 1,2-Dichloropropane
 Concen: 0.630 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025382.D
 Acq: 20 Jun 2018 15:56

Instrument :
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 C0KH5

Tgt Ion: 63 Resp: 24125
 Ion Ratio Lower Upper
 63 100
 112 2.1 2.9 4.3#



#48
 2-Hexanone
 Concen: 4.000 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025382.D
 Acq: 20 Jun 2018 15:56

Tgt Ion: 43 Resp: 31585
 Ion Ratio Lower Upper
 43 100
 58 27.5 43.1 64.7#
 57 33.3 15.3 22.9#
 100 4.5 7.9 11.9#

