

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025909.D
 Acq On : 1 Oct 2018 12:54
 Operator : SY/MD
 Sample : VR1001WBL01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK07

Quant Time: Oct 02 01:47:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	541315	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	435812	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	145116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	184058	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	2.63	69	163410	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	3.63	63	343406	3.43	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	6.59	46	214540	45.08	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.16%
24) Chloroform-d	7.20	84	324745	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
26) 1,2-Dichloroethane-d4	7.90	65	142481	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
32) Benzene-d6	7.85	84	669861	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	8.90	67	178488	4.57	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.40%
41) Toluene-d8	9.97	98	599631	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	10.24	79	40834	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	10.59	63	151680	44.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66033	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	106652	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

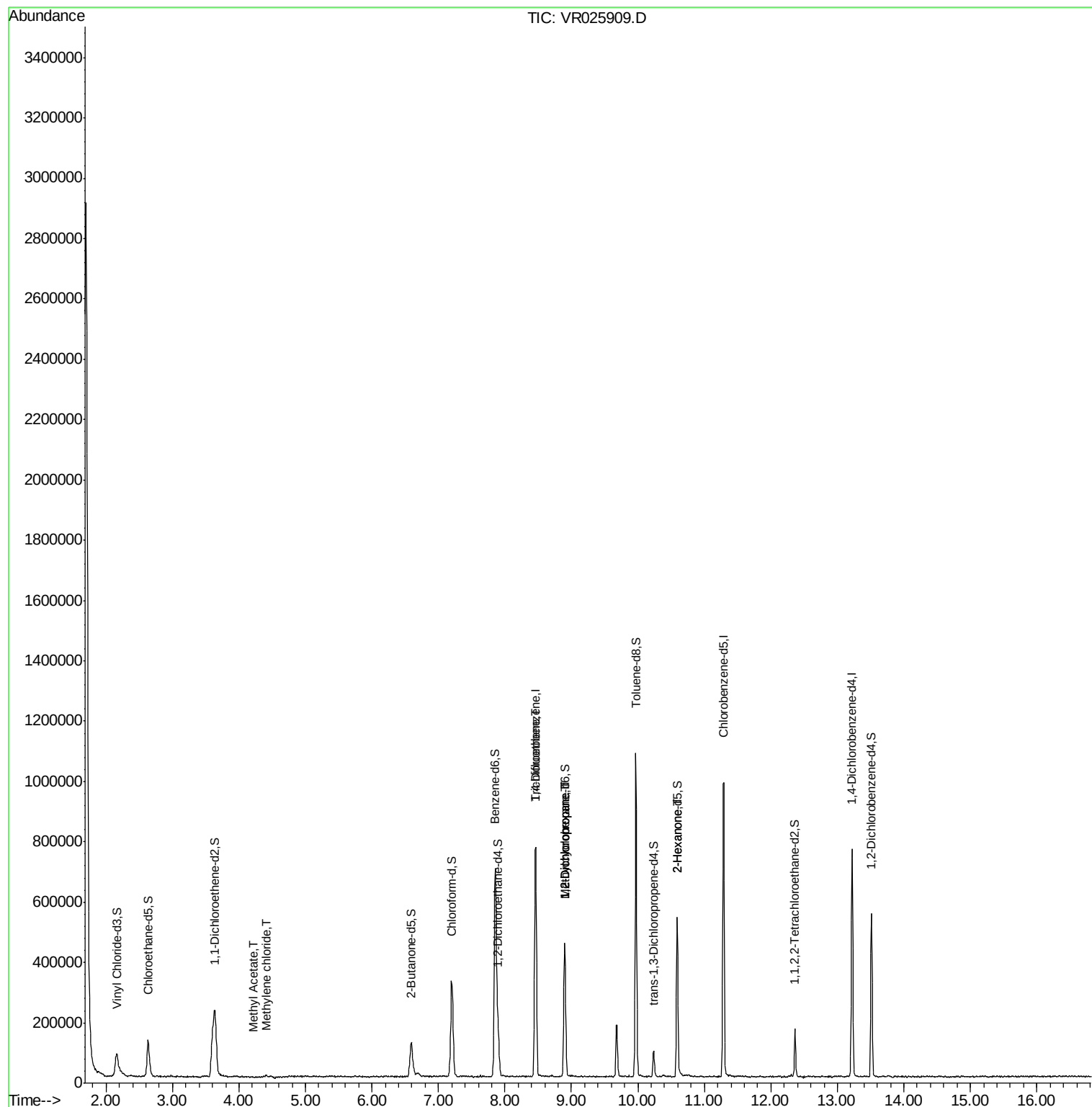
					Ovalue
15) Methyl Acetate	4.20	43	1102	0.115 ug/L #	76
16) Methylene chloride	4.42	84	4346	0.116 ug/L #	83
34) Trichloroethene	8.46	95	19616	0.509 ug/L #	15
35) Methylcyclohexane	8.90	83	41465	0.716 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	23337	0.744 ug/L #	92
48) 2-Hexanone	10.59	43	24366	3.375 ug/L #	70

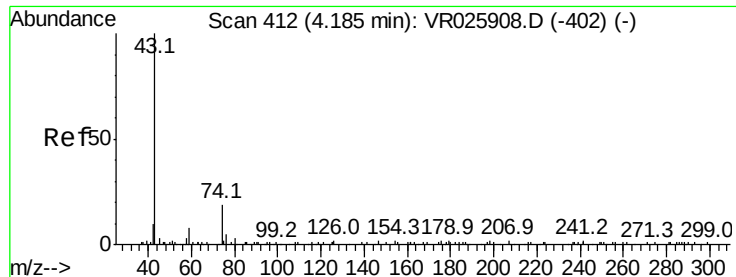
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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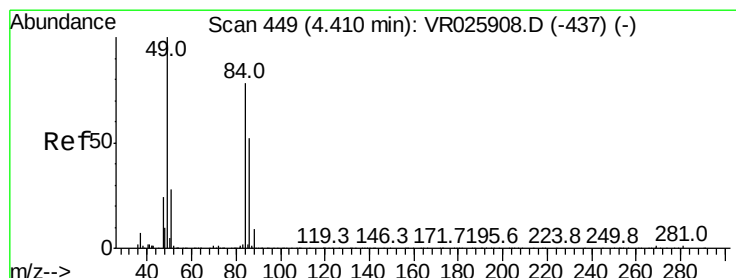
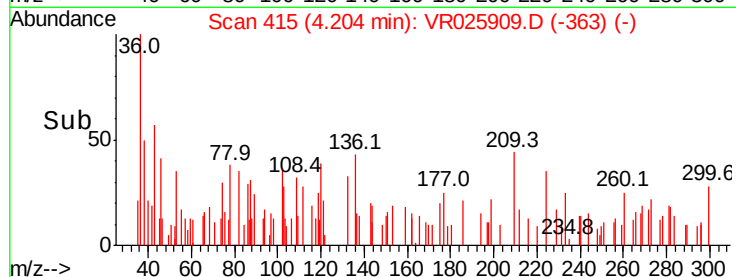
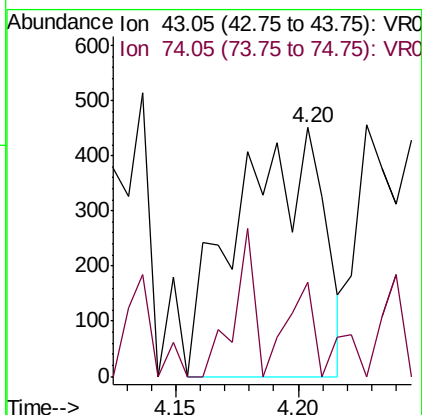
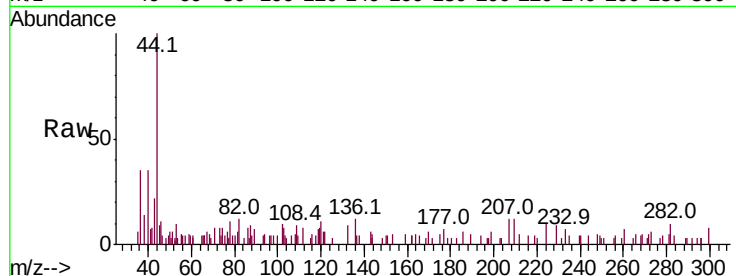




#15
Methyl Acetate
Concen: 0.115 ug/L
RT: 4.20 min Scan# 415
Delta R.T. 0.02 min
Lab File: VR025909.D
Acq: 1 Oct 2018 12:54

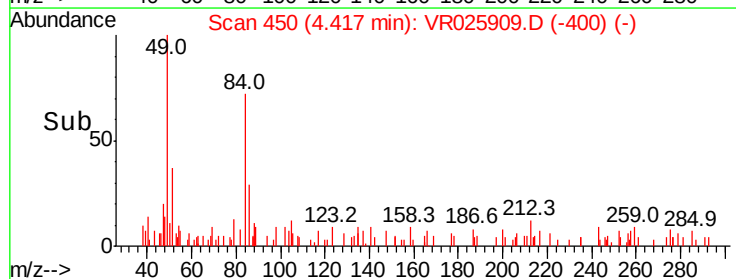
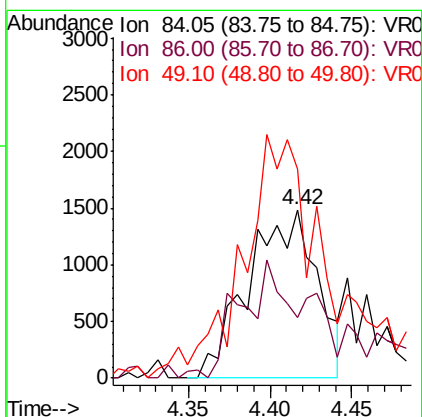
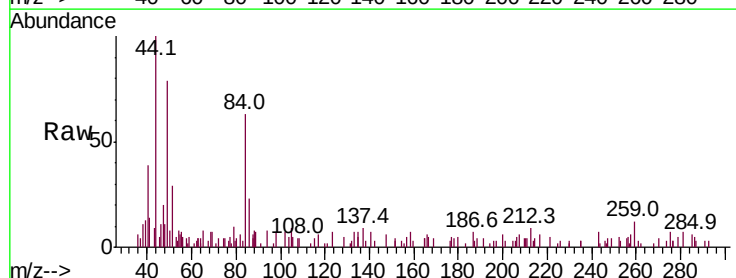
Instrument :
MSVOA_R
ClientSampled :
VBLK07

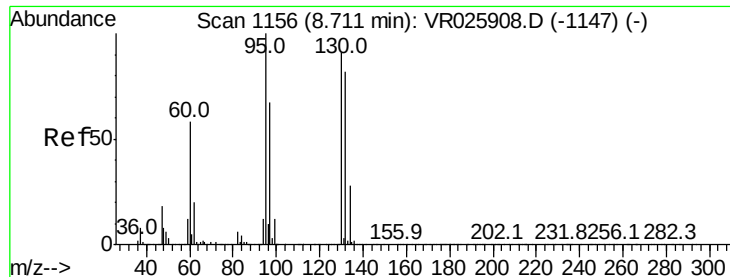
Tot Ion: 43 Resp: 1102
Ion Ratio Lower Upper
43 100
74 11.8 19.0 28.4#



#16
Methylene chloride
Concen: 0.116 ug/L
RT: 4.42 min Scan# 450
Delta R.T. 0.01 min
Lab File: VR025909.D
Acq: 1 Oct 2018 12:54

Tgt Ion: 84 Resp: 4346
Ion Ratio Lower Upper
84 100
86 36.4 43.1 80.1#
49 124.7 95.5 177.3





#34

Trichloroethene

Concen: 0.509 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.25 min

Lab File: VR025909.D

Acq: 1 Oct 2018 12:54

Instrument :

MSVOA_R

ClientSampleId :

VBLK07

Tot Ion: 95 Resp: 19616

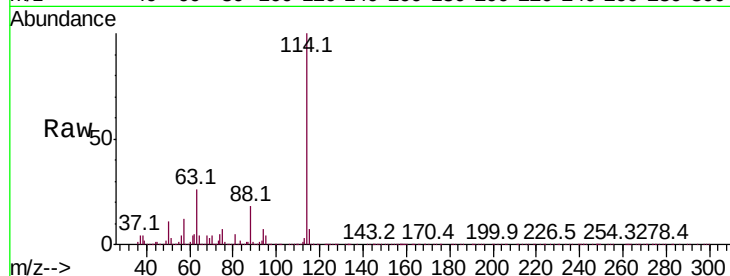
Ion Ratio Lower Upper

95 100

97 1.9 43.9 81.5#

132 1.5 53.3 98.9#

130 0.0 53.8 99.8#

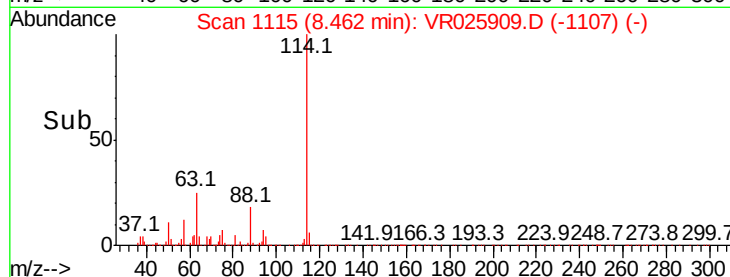


Abundance Ion 95.00 (94.70 to 95.70): VR0

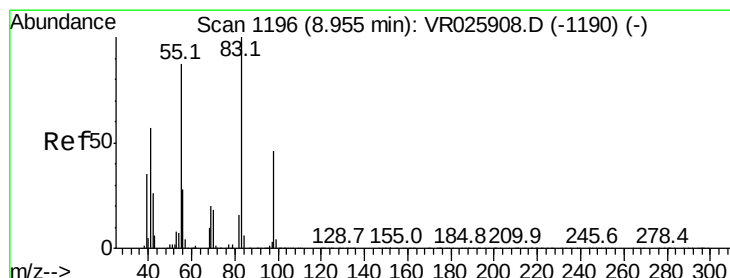
Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



Time-->



#35

Methylcyclohexane

Concen: 0.716 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025909.D

Acq: 1 Oct 2018 12:54

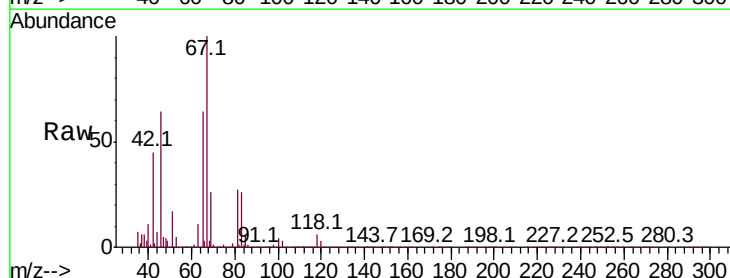
Tgt Ion: 83 Resp: 41465

Ion Ratio Lower Upper

83 100

55 1.0 71.8 107.6#

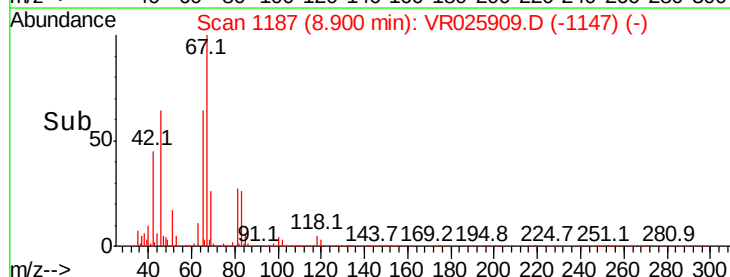
98 1.4 34.2 51.4#



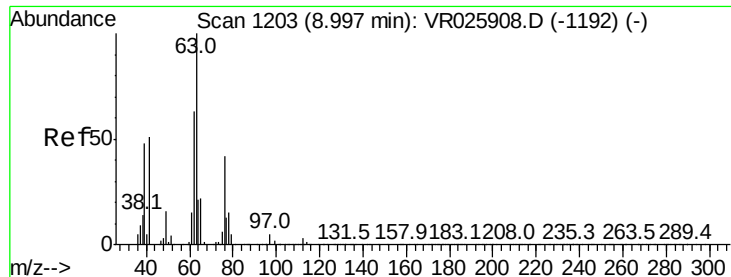
Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0



Time-->



#37

1,2-Dichloropropane

Concen: 0.744 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR025909.D

Acq: 1 Oct 2018 12:54

Instrument :

MSVOA_R

ClientSampled :

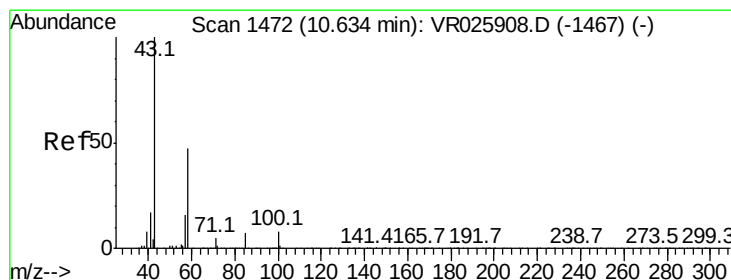
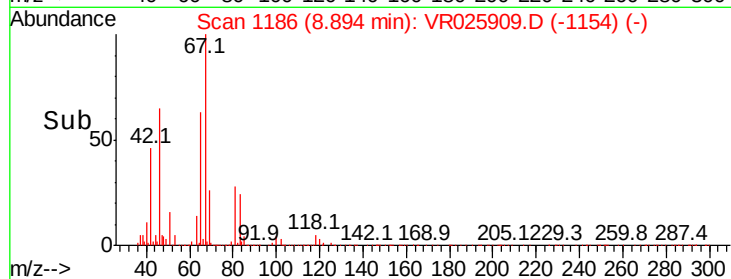
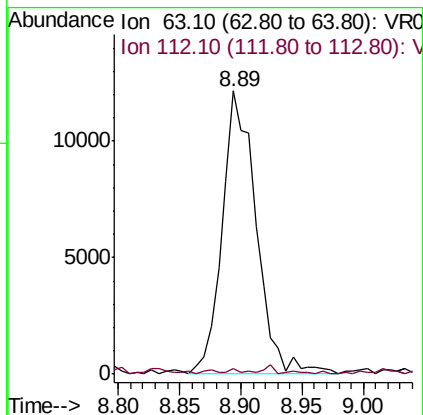
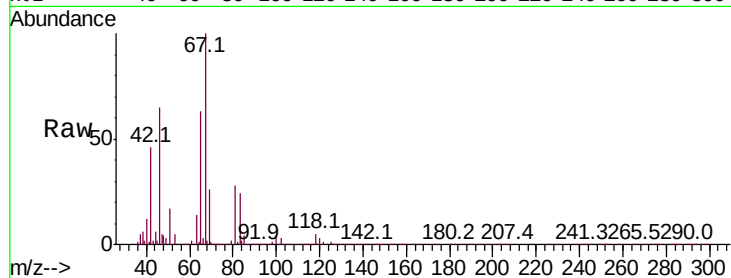
VBLK07

Tot Ion: 63 Resp: 23337

Ion Ratio Lower Upper

63 100

112 0.6 2.5 3.7#



#48

2-Hexanone

Concen: 3.375 ug/L

RT: 10.59 min Scan# 1464

Delta R.T. -0.05 min

Lab File: VR025909.D

Acq: 1 Oct 2018 12:54

Tgt Ion: 43 Resp: 24366

Ion Ratio Lower Upper

43 100

58 22.7 39.5 59.3#

57 22.0 14.6 21.8#

100 1.5 6.7 10.1#

