

Data File : VR026211.D
Acq On : 8 Nov 2018 12:22
Operator : SY/MD
Sample : J5802-08
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VHBLK01

Quant Time: Nov 08 14:22:07 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 15:50:53 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	558628	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	463986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	138116	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	244223	5.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	100.00%
7) Chloroethane-d5	2.63	69	224602	5.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.80%
11) 1,1-Dichloroethene-d2	3.60	63	492166	4.10	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	6.58	46	205177	51.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.24%
24) Chloroform-d	7.20	84	395568	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.80%
26) 1,2-Dichloroethane-d4	7.90	65	159053	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	7.85	84	807483	5.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.40%
36) 1,2-Dichloropropane-d6	8.89	67	214812	5.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	111.60%
41) Toluene-d8	9.97	98	743187	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	10.24	79	47409	4.70	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.00%
46) 2-Hexanone-d5	10.59	63	151900	52.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.20%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	71811	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	126892	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

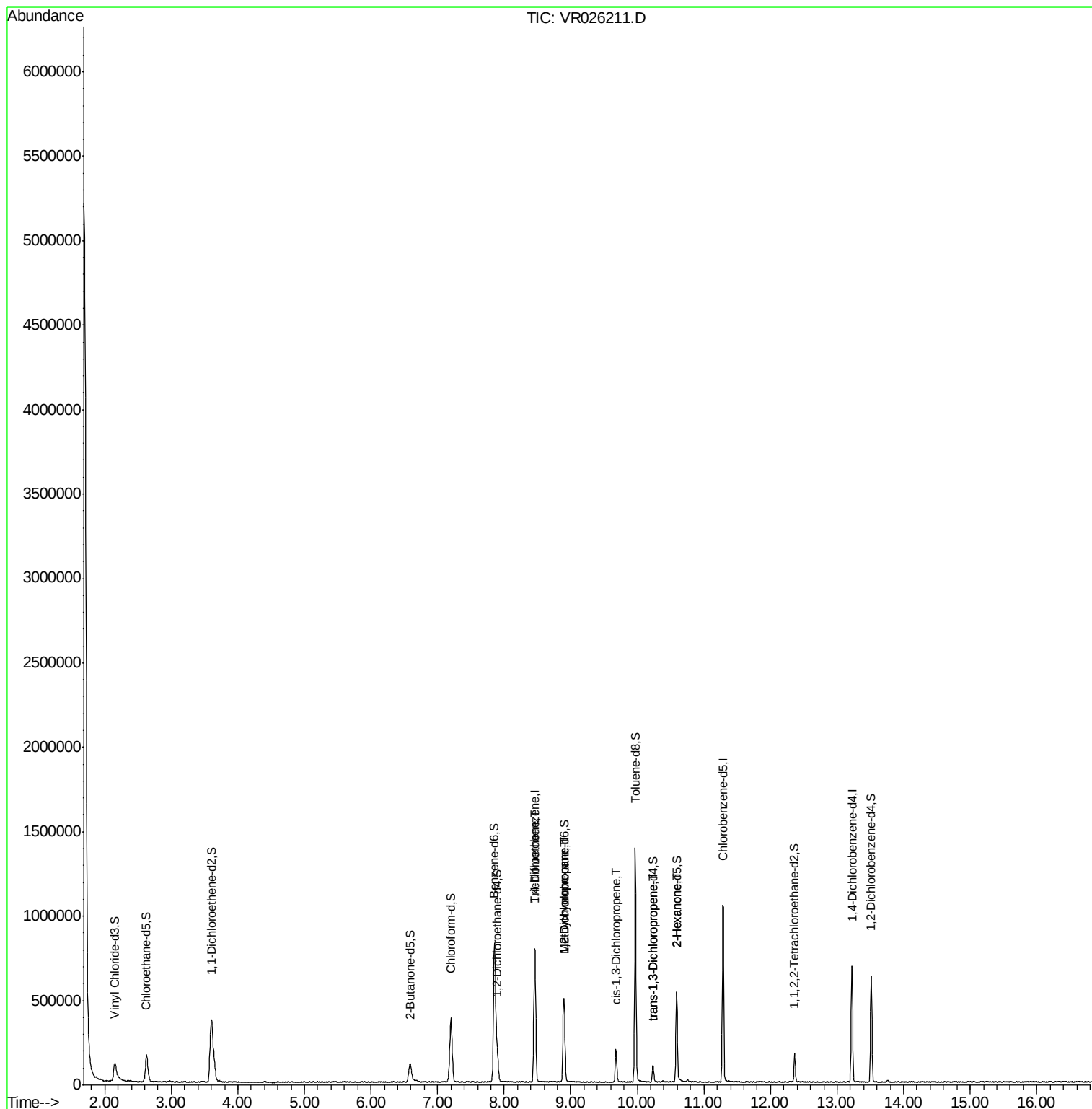
					Qvalue
34) Trichloroethene	8.46	95	20302	0.456 ug/L #	10
35) Methylcyclohexane	8.90	83	50611	0.763 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	26884	0.732 ug/L #	92
39) cis-1,3-Dichloropropene	9.68	75	6370	0.152 ug/L	92
44) trans-1,3-Dichloropropene	10.23	75	3401	0.116 ug/L	93
48) 2-Hexanone	10.59	43	23697	3.234 ug/L #	71

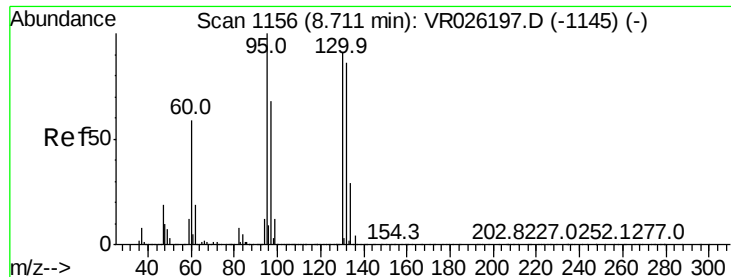
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.456 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 20302

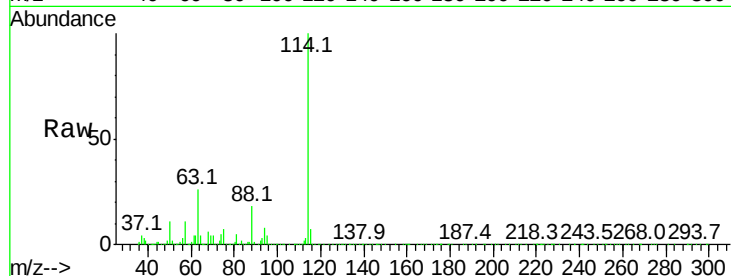
Ion Ratio Lower Upper

95 100

97 0.7 45.7 84.9#

132 0.0 58.3 108.3#

130 1.4 64.0 119.0#

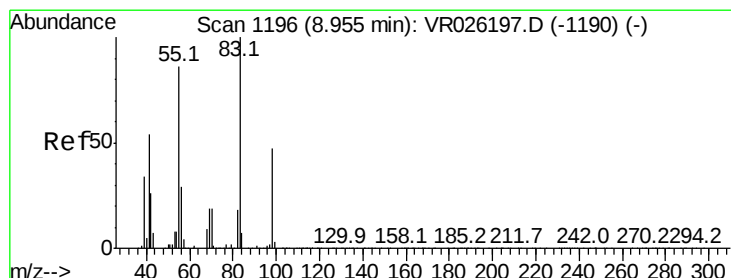
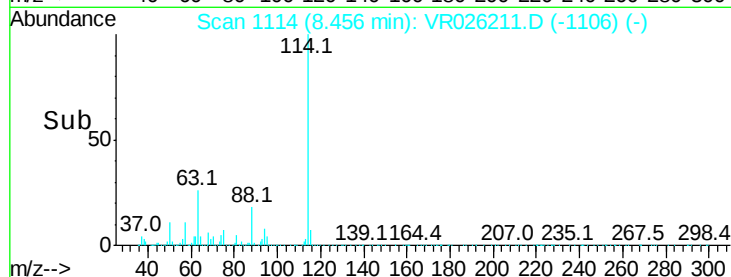
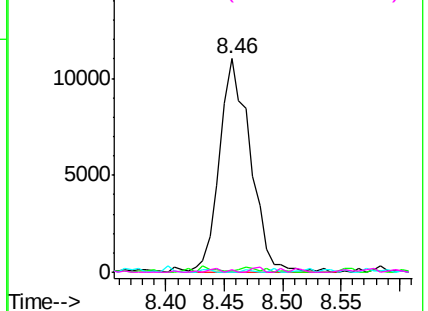


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.763 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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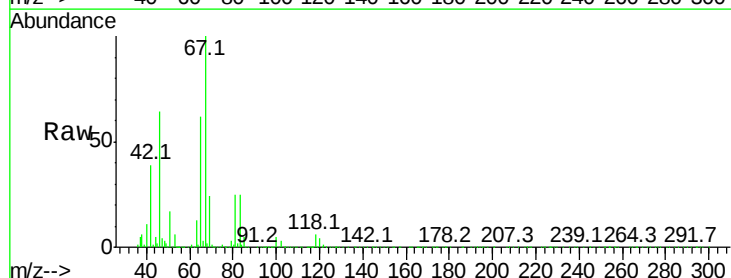
Tgt Ion: 83 Resp: 50611

Ion Ratio Lower Upper

83 100

55 1.3 66.8 100.2#

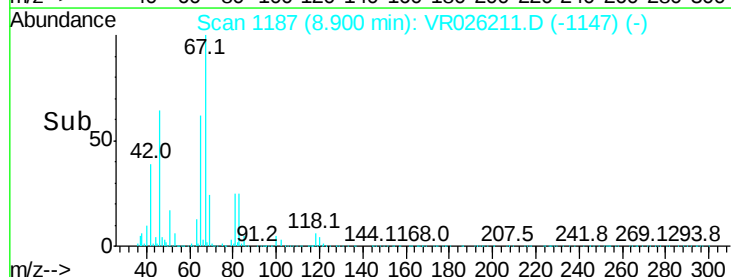
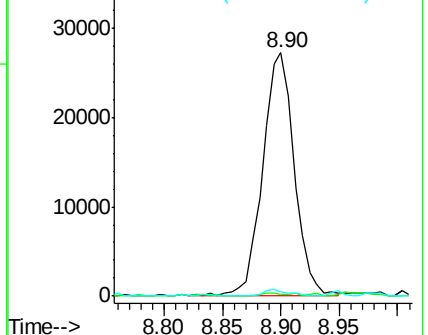
98 2.1 35.2 52.8#

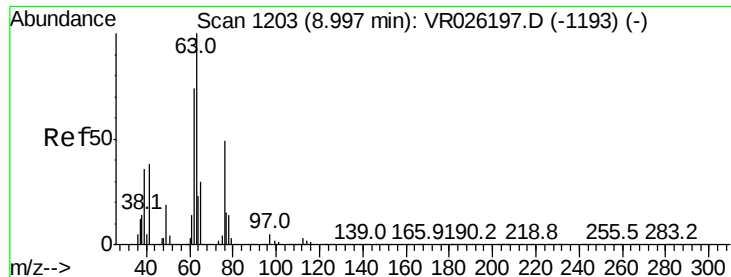


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.732 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.09 min

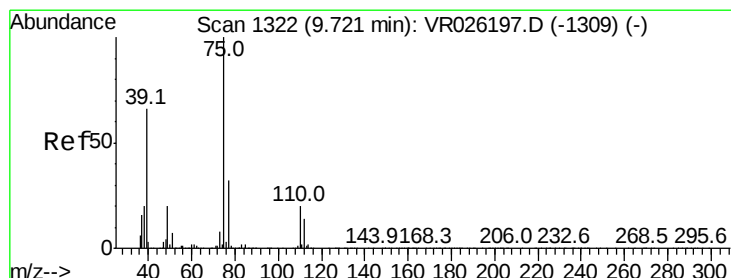
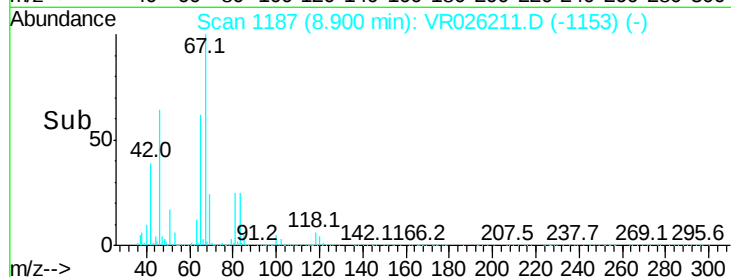
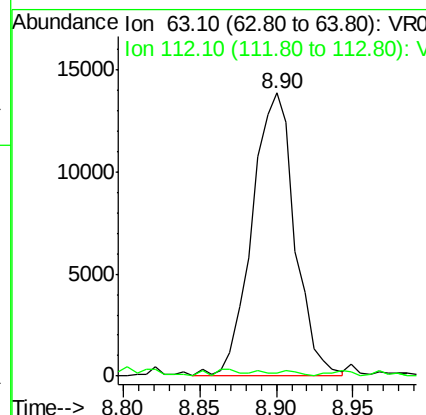
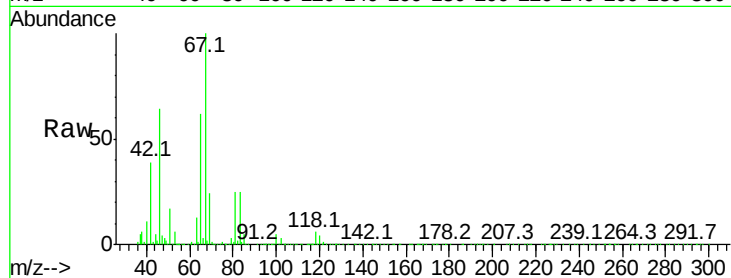
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Tgt Ion: 63 Resp: 26884

Ion	Ratio	Lower	Upper
63	100		
112	0.7	2.7	4.1#



#39

cis-1,3-Dichloropropene

Concen: 0.152 ug/L

RT: 9.68 min Scan# 1315

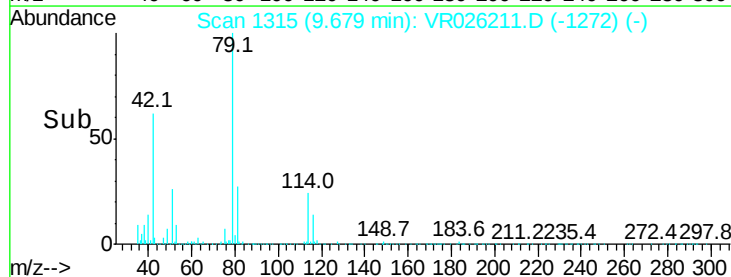
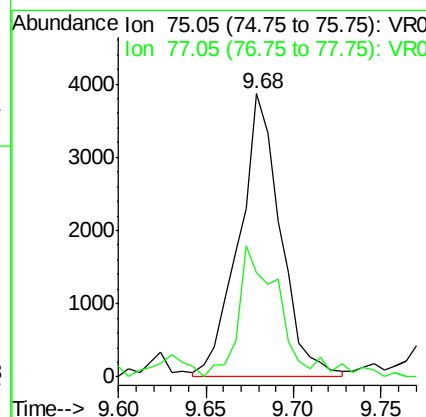
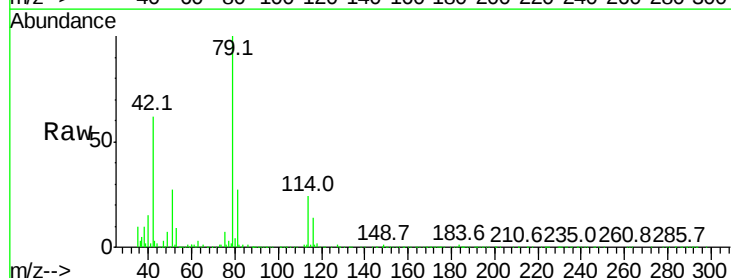
Delta R.T. -0.04 min

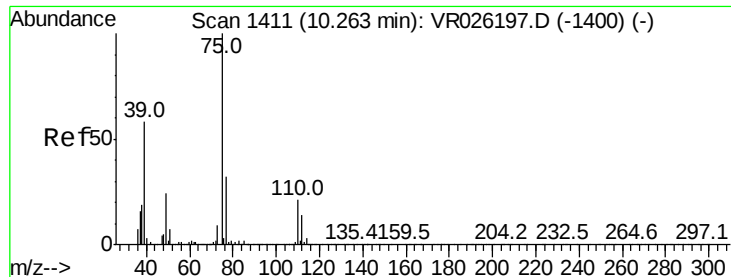
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Tgt Ion: 75 Resp: 6370

Ion	Ratio	Lower	Upper
75	100		
77	36.7	22.7	42.1





#44

trans-1,3-Dichloropropene

Concen: 0.116 ug/L

RT: 10.23 min Scan# 1406

Delta R.T. -0.03 min

Lab File: VR026211.D

Acq: 8 Nov 2018 12:22

Instrument :

MSVOA_R

ClientSampleId :

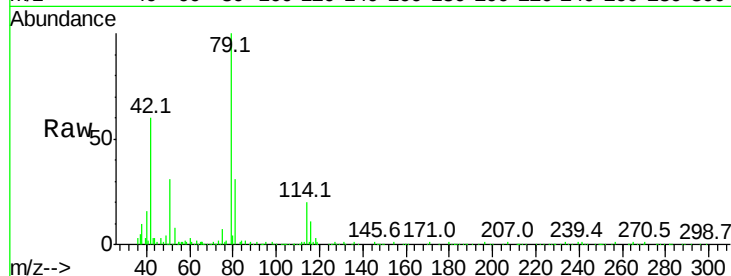
VHBLK01

Tgt Ion: 75 Resp: 3401

Ion Ratio Lower Upper

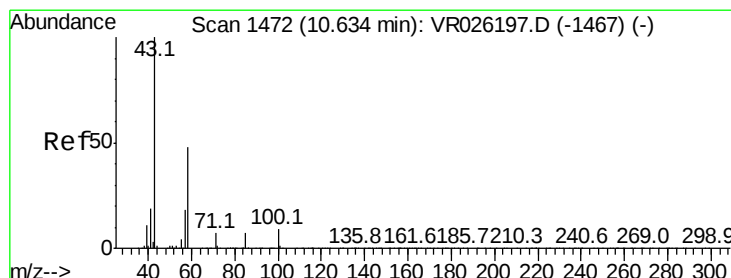
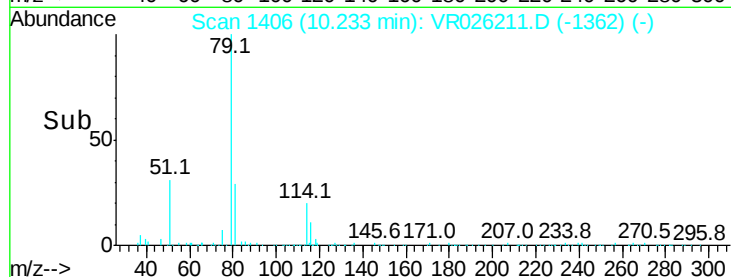
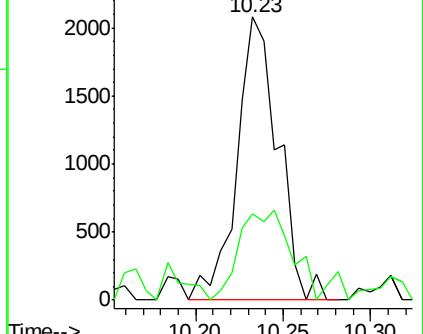
75 100

77 30.4 24.1 44.7



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#48

2-Hexanone

Concen: 3.234 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR026211.D

Acq: 8 Nov 2018 12:22

Tgt Ion: 43 Resp: 23697

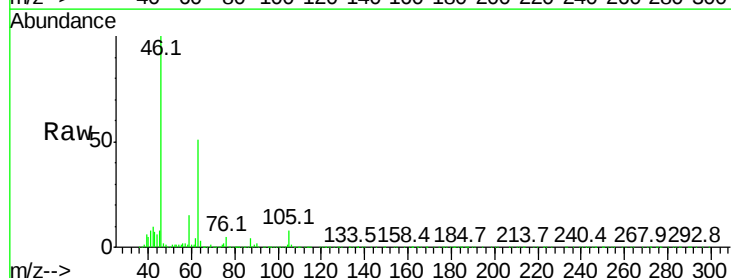
Ion Ratio Lower Upper

43 100

58 27.1 39.6 59.4#

57 28.9 14.0 21.0#

100 5.4 7.0 10.6#



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

Ion 57.20 (56.90 to 57.90): VR0

Ion 100.15 (99.85 to 100.85): VR0

