

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061918\
 Data File : VR025361.D
 Acq On : 19 Jun 2018 12:31
 Operator : SY/MD
 Sample : J3472-06
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jun 20 01:37:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jun 20 01:37:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	580890	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	489591	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	169387	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	85686	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	2.65	69	65213	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	3.65	63	174758	3.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.60%
20) 2-Butanone-d5	6.60	46	282976	53.36	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.72%
24) Chloroform-d	7.21	84	355646	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.89	65	149394	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	7.86	84	777092	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	8.90	67	231241	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	9.97	98	684493	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	10.24	79	52122	4.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.00%
46) 2-Hexanone-d5	10.59	63	243197	55.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.66%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	103521	5.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	112.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	158444	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

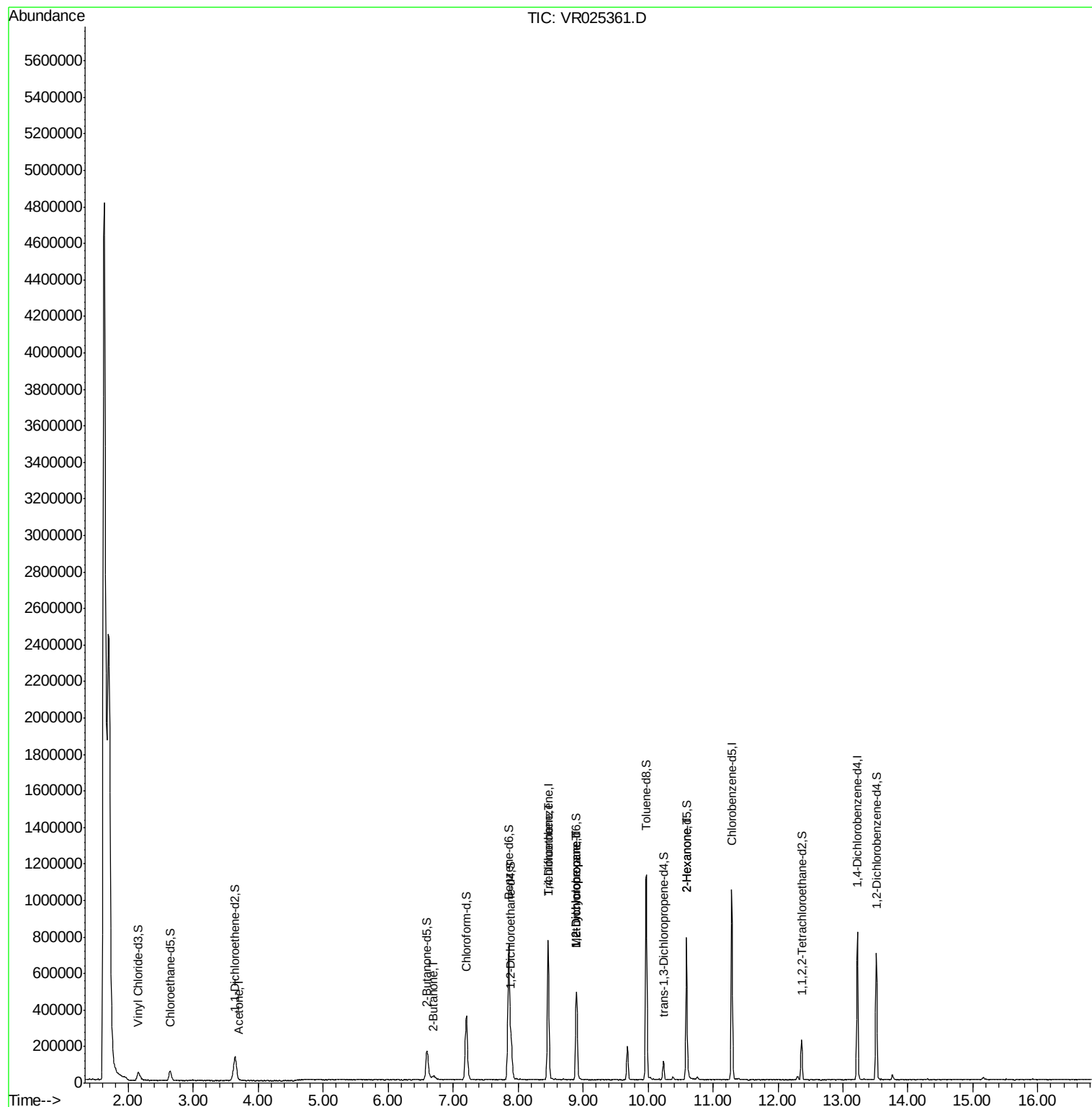
					Qvalue
13) Acetone	3.70	43	712	0.297 ug/L	95
21) 2-Butanone	6.69	43	1530	0.270 ug/L	96
34) Trichloroethene	8.47	95	18293	0.393 ug/L #	10
35) Methylcyclohexane	8.90	83	52209	0.711 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	22765	0.533 ug/L #	97
48) 2-Hexanone	10.59	43	28947	3.284 ug/L #	68

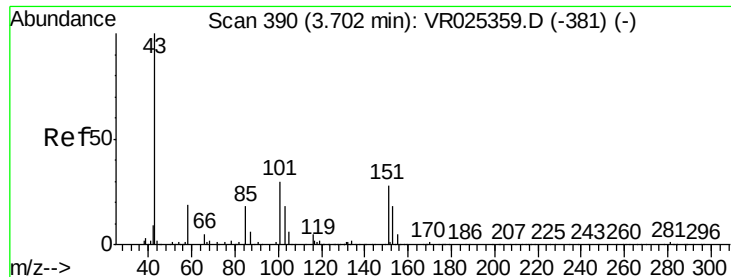
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.297 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025361.D

Acq: 19 Jun 2018 12:31

Instrument :

MSVOA_R

ClientSampled :

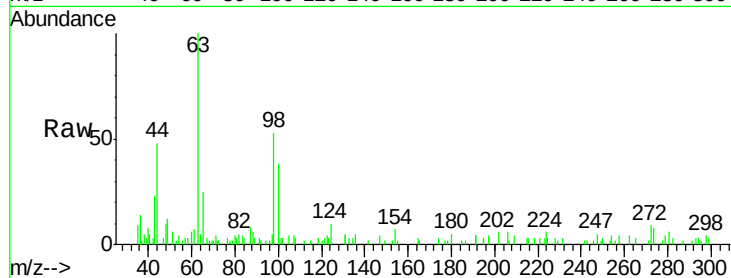
VHBLK01

Tgt Ion: 43 Resp: 712

Ion Ratio Lower Upper

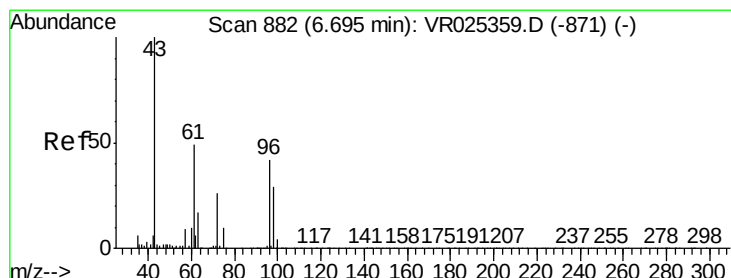
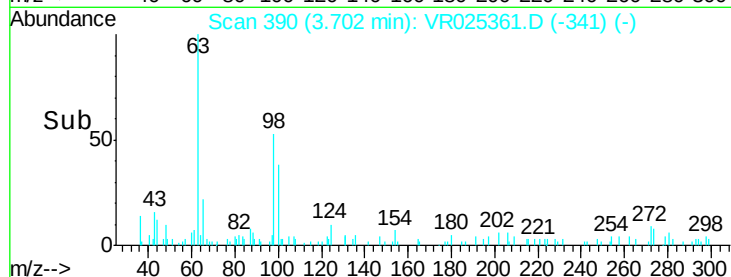
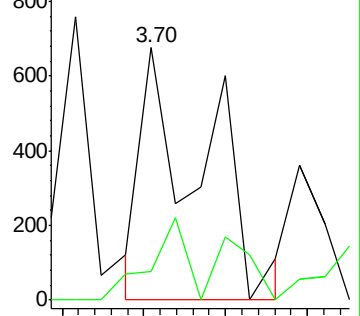
43 100

58 18.7 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: 0.270 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.00 min

Lab File: VR025361.D

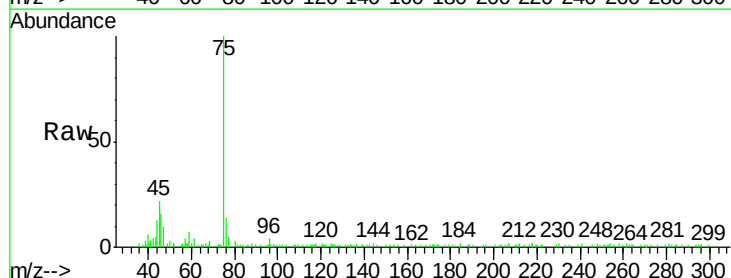
Acq: 19 Jun 2018 12:31

Tgt Ion: 43 Resp: 1530

Ion Ratio Lower Upper

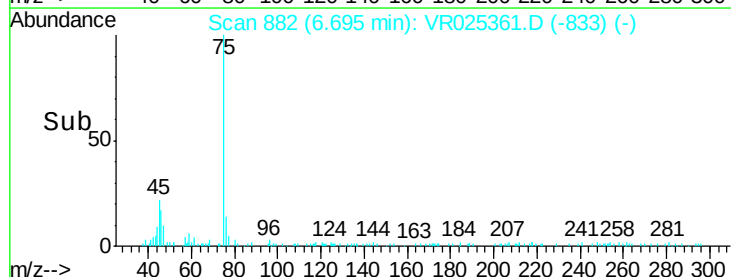
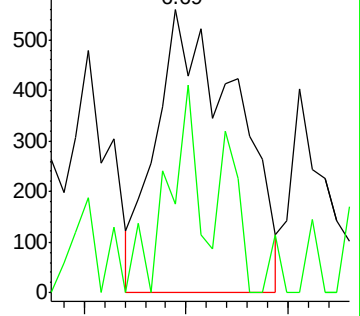
43 100

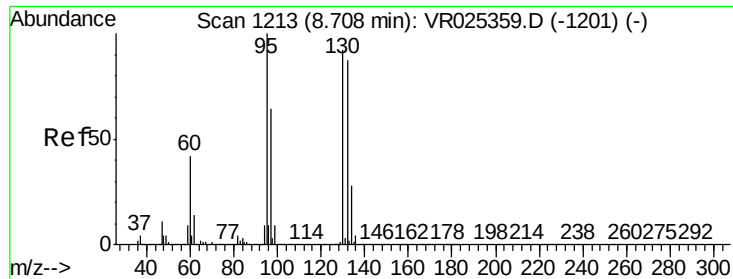
72 27.8 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.393 ug/L

RT: 8.47 min Scan# 1173

Delta R.T. -0.24 min

Lab File: VR025361.D

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Instrument :

MSVOA_R

ClientSampleId :

VHBLK01

Tgt Ion: 95 Resp: 18293

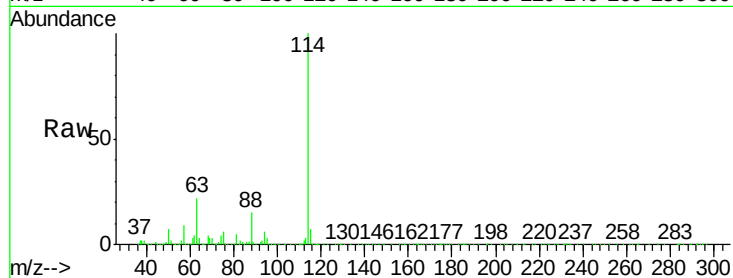
Ion Ratio Lower Upper

95 100

97 0.8 45.6 84.6#

132 0.0 60.9 113.1#

130 2.2 62.0 115.2#

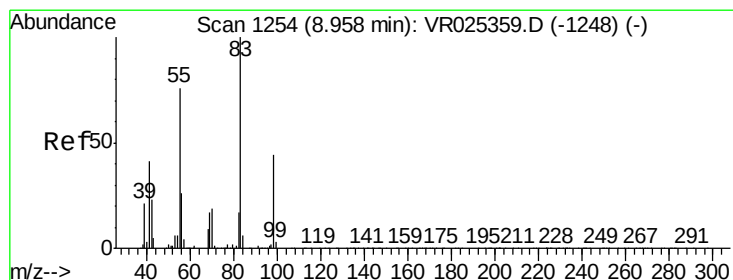
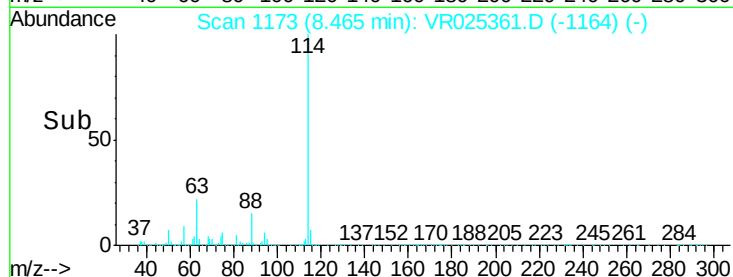
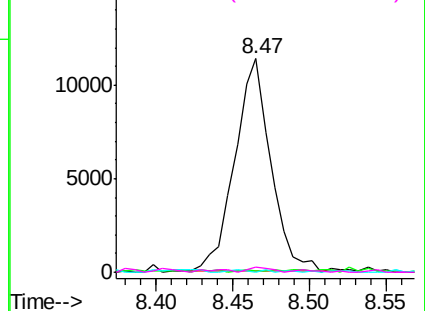


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.711 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025361.D

Acq: 19 Jun 2018 12:31

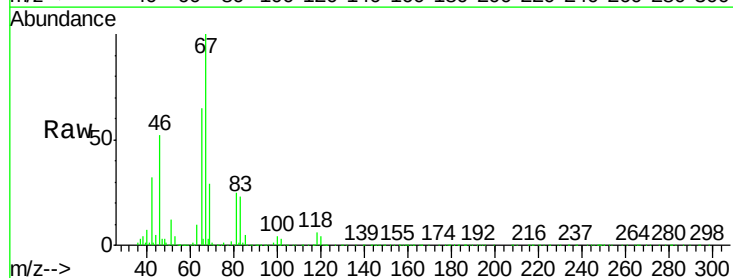
Tgt Ion: 83 Resp: 52209

Ion Ratio Lower Upper

83 100

55 0.5 66.1 99.1#

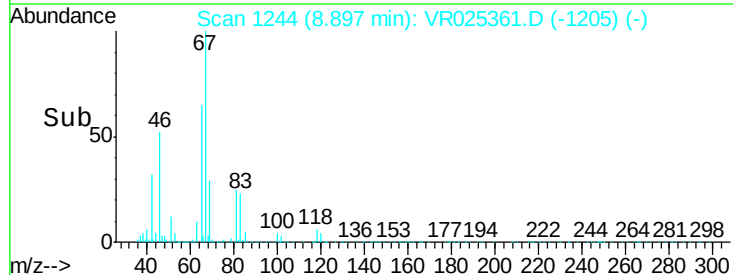
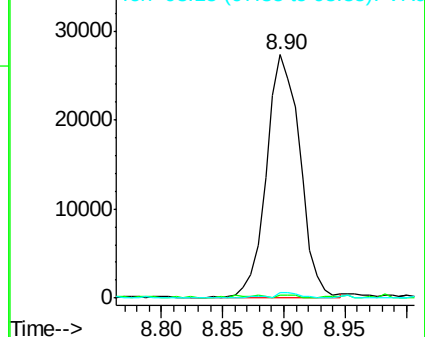
98 1.4 36.2 54.4#

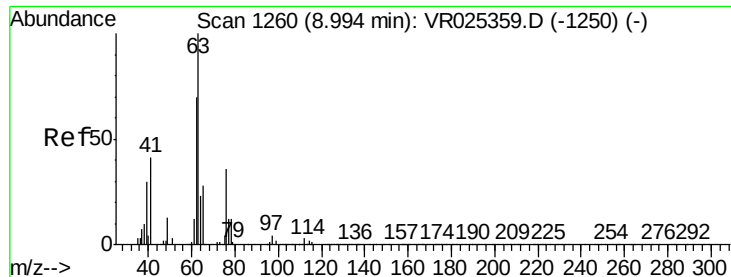


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

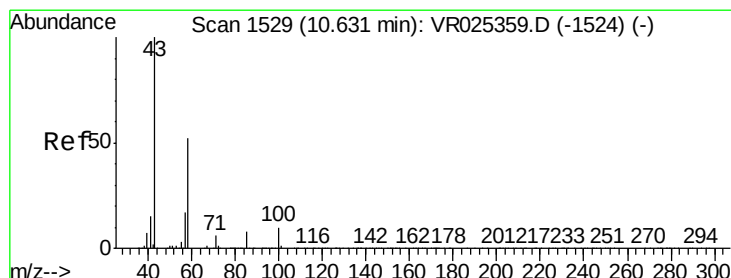
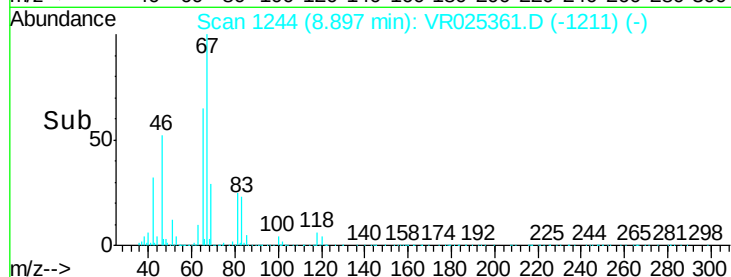
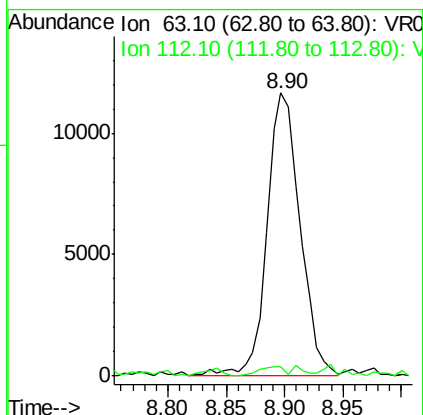
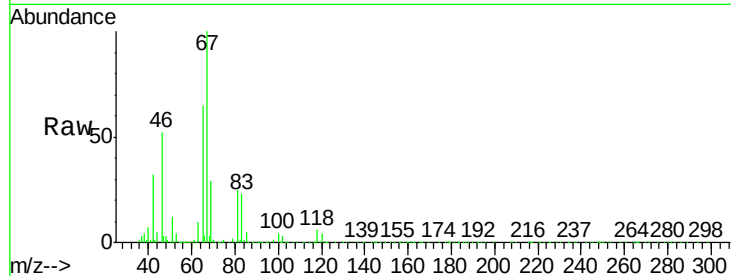




#37
 1,2-Dichloropropane
 Concen: 0.533 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025361.D
 Acq: 19 Jun 2018 12:31

Instrument :
 MSVOA_R
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 VHBLK01

Tgt Ion: 63 Resp: 22765
 Ion Ratio Lower Upper
 63 100
 112 2.7 2.9 4.3#



#48
 2-Hexanone
 Concen: 3.284 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025361.D
 Acq: 19 Jun 2018 12:31

Tgt Ion: 43 Resp: 28947
 Ion Ratio Lower Upper
 43 100
 58 26.9 43.1 64.7#
 57 31.0 15.3 22.9#
 100 5.8 7.9 11.9#

