

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025418.D
 Acq On : 22 Jun 2018 17:33
 Operator : SY/MD
 Sample : J3674-04
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZB4

Quant Time: Jun 22 22:40:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 22:38:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	521007	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	439580	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	182626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	63345	3.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	71.40%
7) Chloroethane-d5	2.64	69	52762	4.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.80%
11) 1,1-Dichloroethene-d2	3.64	63	133475	2.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.40%#
20) 2-Butanone-d5	6.59	46	307455	64.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.28%
24) Chloroform-d	7.20	84	337924	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	7.89	65	143053	5.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.80%
32) Benzene-d6	7.86	84	680077	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	219118	5.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.40%
41) Toluene-d8	9.97	98	570253	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.60%
43) trans-1,3-Dichloropropene-	10.24	79	42371	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	261419	66.84	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.68%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	106045	6.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	153209	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

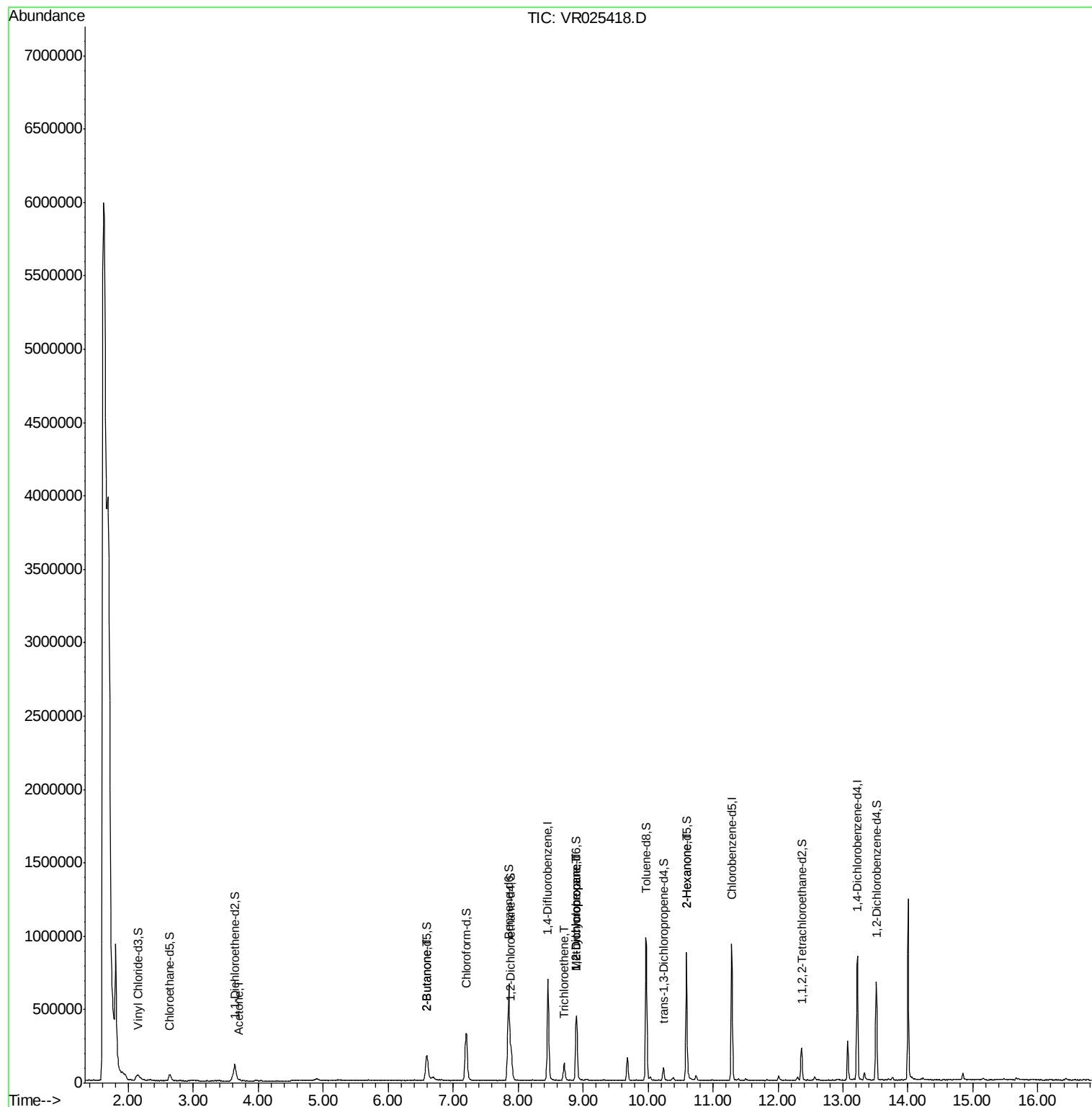
					Qvalue
13) Acetone	3.70	43	13004	6.053	ug/L 95
21) 2-Butanone	6.59	43	2369	0.467	ug/L 79
34) Trichloroethene	8.71	95	41772	1.000	ug/L 89
35) Methylcyclohexane	8.90	83	50468	0.766	ug/L # 18
37) 1,2-Dichloropropane	8.90	63	22230	0.579	ug/L # 94
48) 2-Hexanone	10.59	43	35127	4.438	ug/L # 70

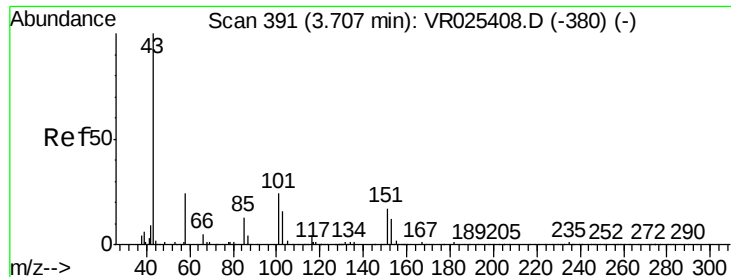
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.053 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.01 min

Lab File: VR025418.D

Acq: 22 Jun 2018 17:33

Instrument :

MSVOA_R

ClientSampled :

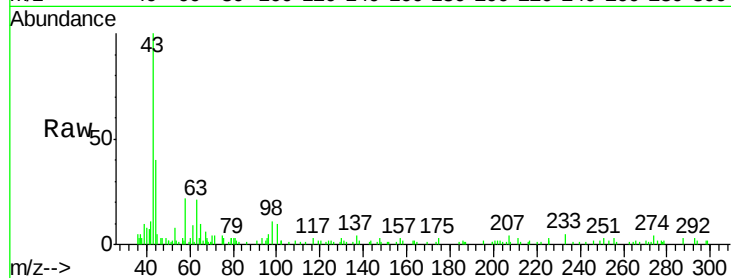
DAZB4

Tgt Ion: 43 Resp: 13004

Ion Ratio Lower Upper

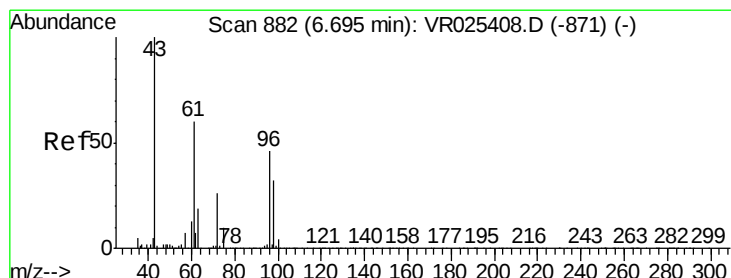
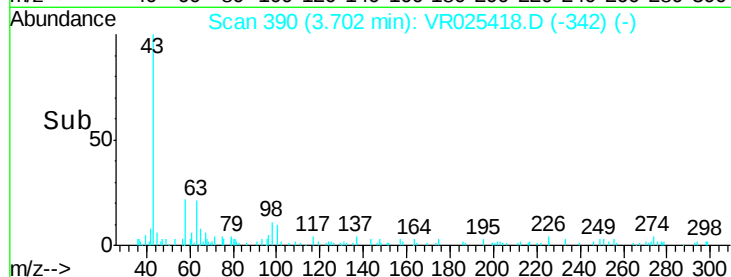
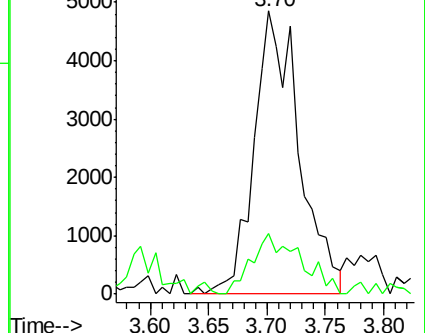
43 100

58 23.1 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: 0.467 ug/L

RT: 6.59 min Scan# 864

Delta R.T. -0.11 min

Lab File: VR025418.D

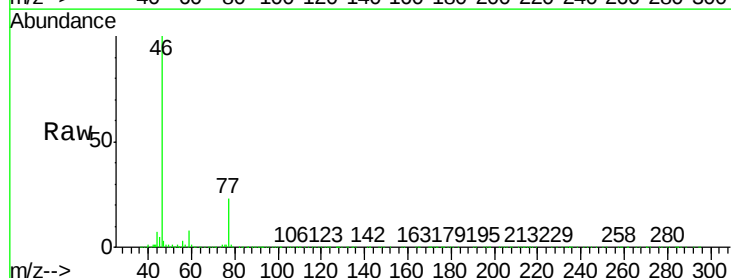
Acq: 22 Jun 2018 17:33

Tgt Ion: 43 Resp: 2369

Ion Ratio Lower Upper

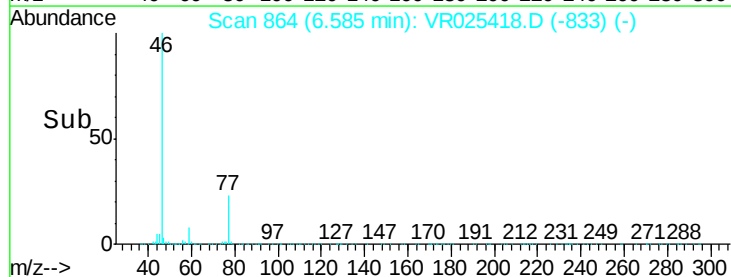
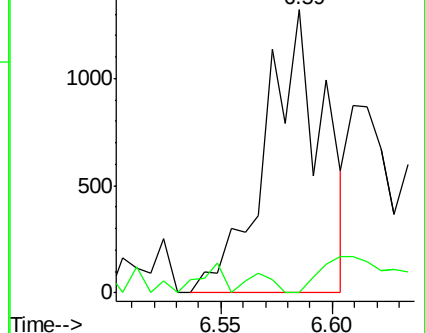
43 100

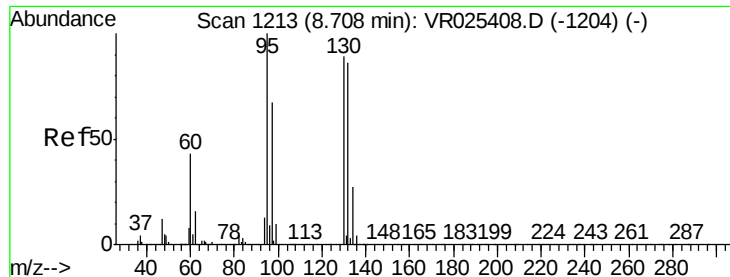
72 15.3 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 1.000 ug/L

RT: 8.71 min Scan# 1213

Delta R.T. 0.00 min

Lab File: VR025418.D

Acq: 22 Jun 2018 17:33

Instrument :

MSVOA_R

ClientSampleId :

DAZB4

Tgt Ion: 95 Resp: 41772

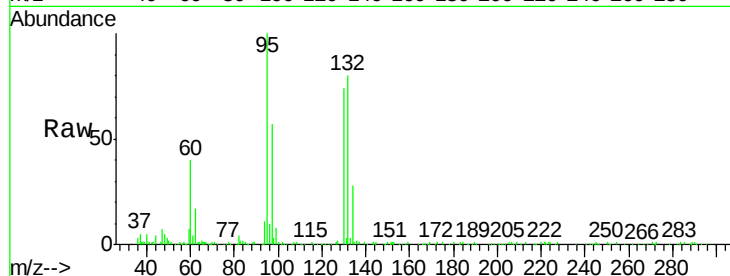
Ion Ratio Lower Upper

95 100

97 56.5 45.6 84.6

132 79.8 60.9 113.1

130 74.3 62.0 115.2

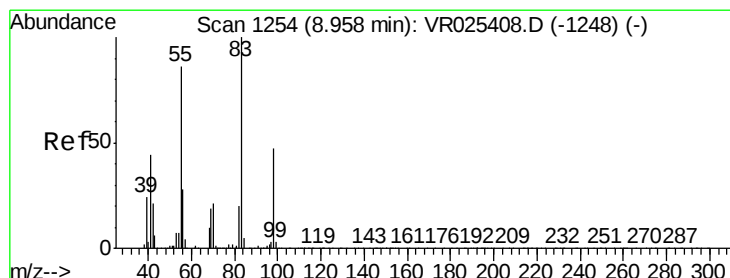
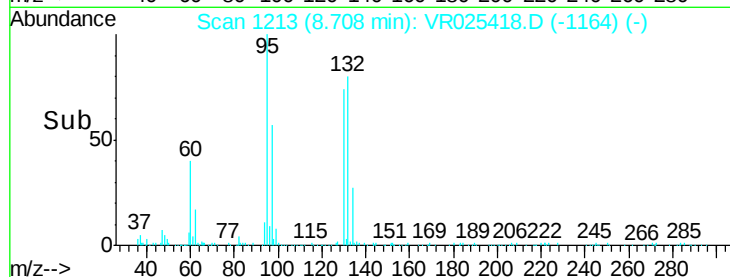
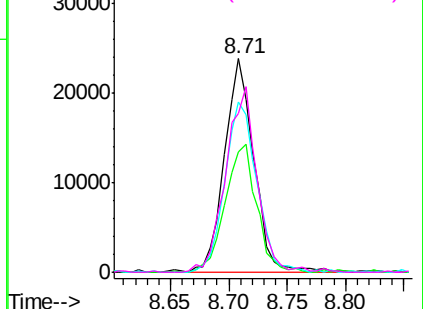


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.766 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025418.D

Acq: 22 Jun 2018 17:33

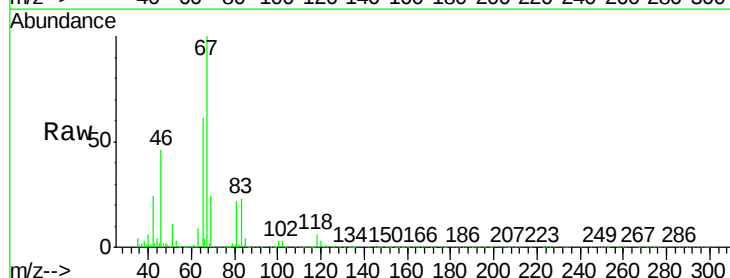
Tgt Ion: 83 Resp: 50468

Ion Ratio Lower Upper

83 100

55 0.8 66.1 99.1#

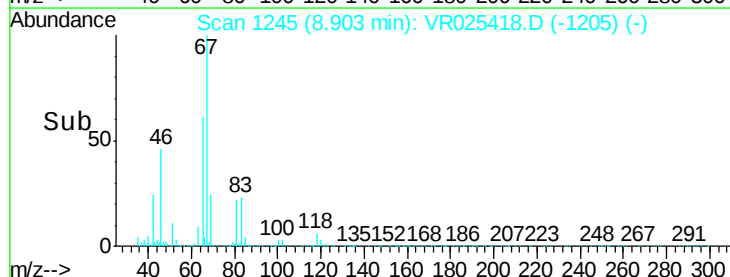
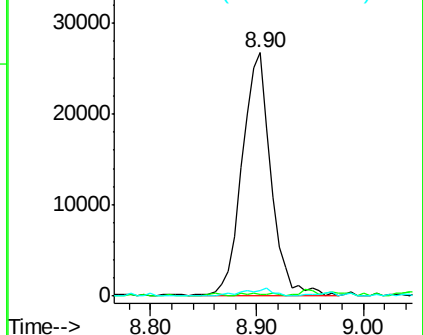
98 3.3 36.2 54.4#

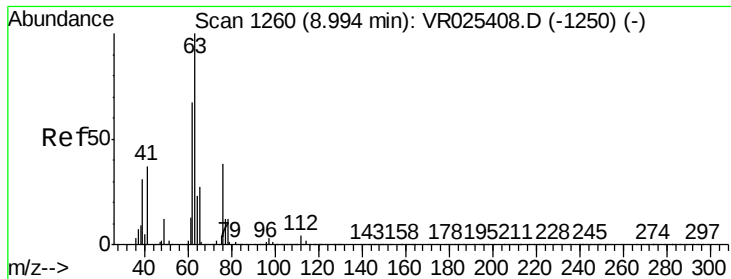


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

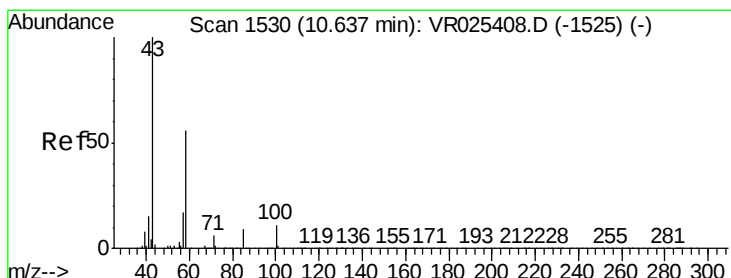
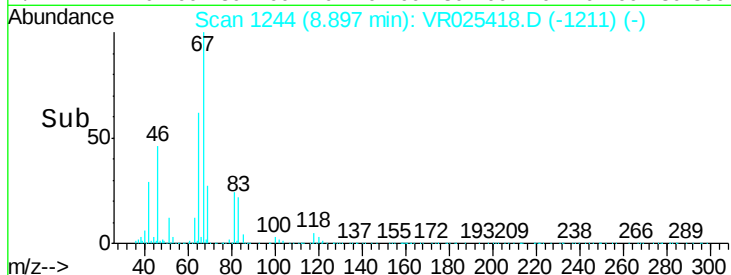
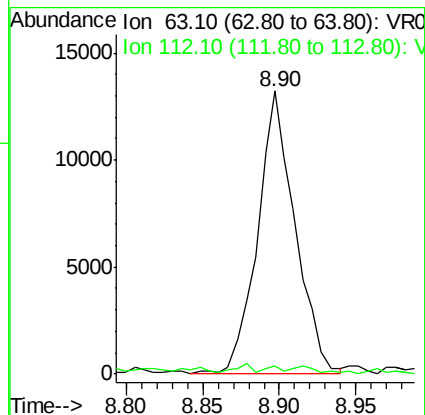
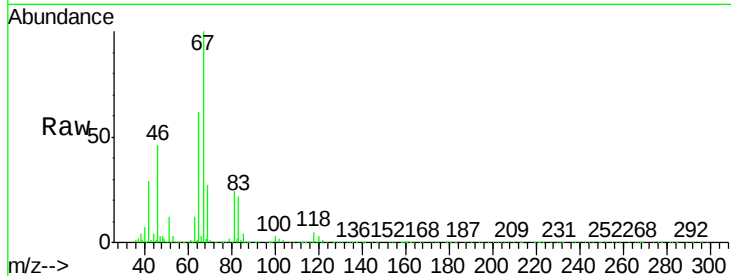




#37
 1,2-Dichloropropane
 Concen: 0.579 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025418.D
 Acq: 22 Jun 2018 17:33

Instrument :
 MSVOA_R
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 DAZB4

Tgt Ion: 63 Resp: 22230
 Ion Ratio Lower Upper
 63 100
 112 1.7 2.9 4.3#



#48
 2-Hexanone
 Concen: 4.438 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025418.D
 Acq: 22 Jun 2018 17:33

Tgt Ion: 43 Resp: 35127
 Ion Ratio Lower Upper
 43 100
 58 28.0 43.1 64.7#
 57 28.0 15.3 22.9#
 100 4.2 7.9 11.9#

