

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062218\
 Data File : VR025414.D
 Acq On : 22 Jun 2018 15:01
 Operator : SY/MD
 Sample : J3674-10
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZC2

Quant Time: Jun 22 22:39:34 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	548791	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	466695	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	149749	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	64428	3.45	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	2.64	69	46727	3.40	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.00%
11) 1,1-Dichloroethene-d2	3.64	63	134660	2.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.00%#
20) 2-Butanone-d5	6.59	46	291385	58.16	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.32%
24) Chloroform-d	7.21	84	345010	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	7.89	65	141876	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	7.86	84	693339	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	8.90	67	219705	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	9.97	98	595206	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
43) trans-1,3-Dichloropropene-	10.24	79	45285	3.79	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.80%
46) 2-Hexanone-d5	10.59	63	252201	60.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	104053	5.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	141968	5.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	111.80%

Target Compounds

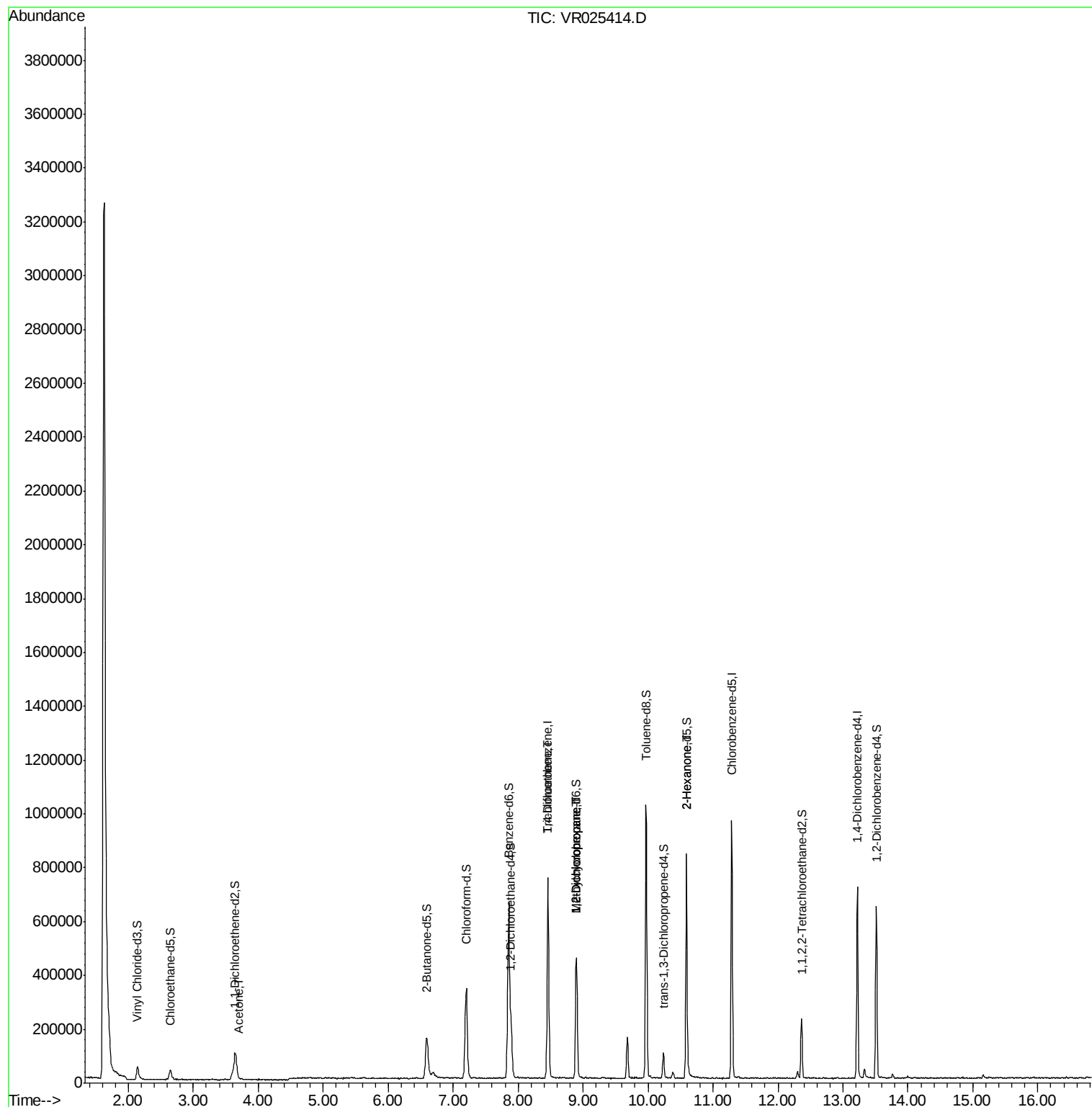
					Qvalue
13) Acetone	3.71	43	2924	1.292 ug/L	72
34) Trichloroethene	8.46	95	16914	0.382 ug/L #	10
35) Methylcyclohexane	8.90	83	49639	0.710 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	21132	0.519 ug/L #	94
48) 2-Hexanone	10.59	43	32102	3.821 ug/L #	71

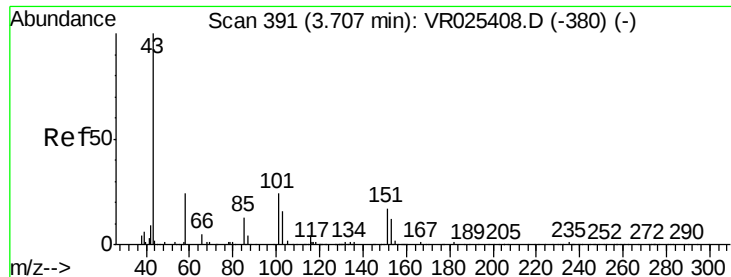
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.292 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.00 min

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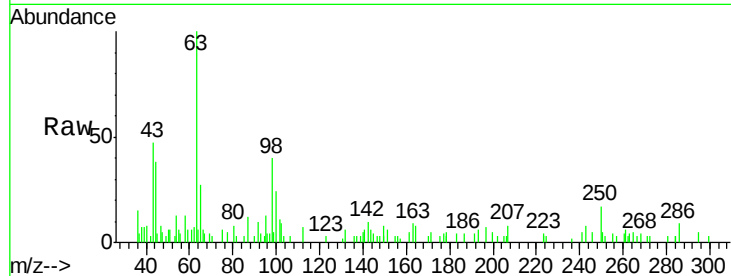
Instrument :
MSVOA_R
ClientSampleId :
DAZC2

Tgt Ion: 43 Resp: 2924

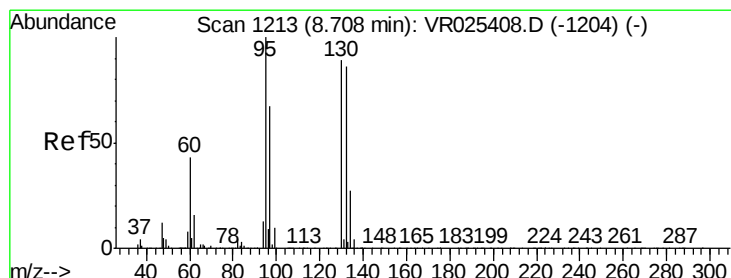
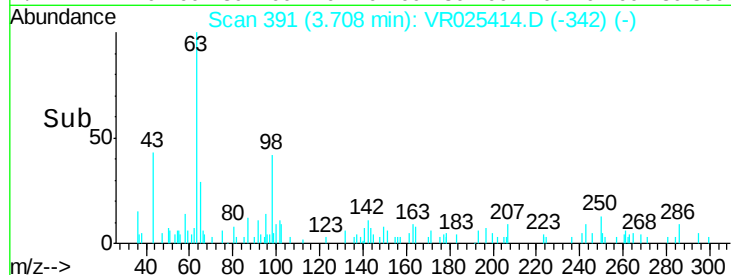
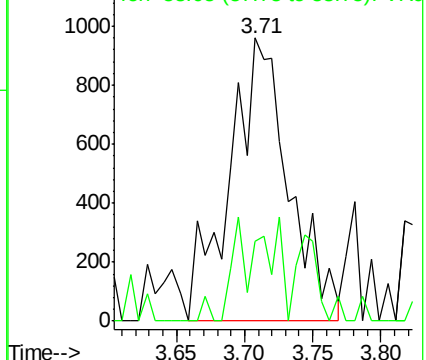
Ion Ratio Lower Upper

43 100

58 7.9 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0
Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.382 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

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Acq: 22 Jun 2018 15:01

Tgt Ion: 95 Resp: 16914

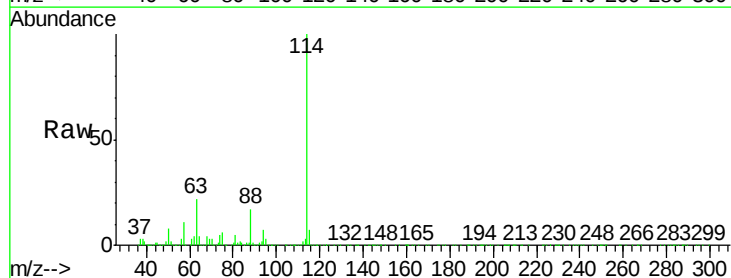
Ion Ratio Lower Upper

95 100

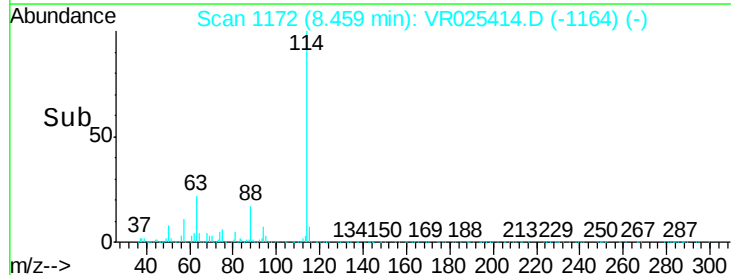
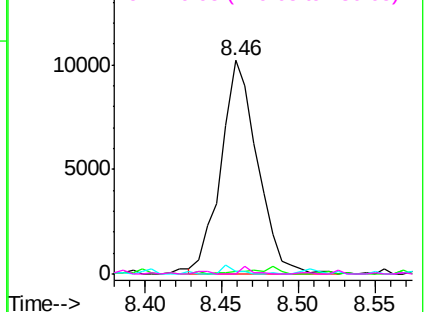
97 1.4 45.6 84.6#

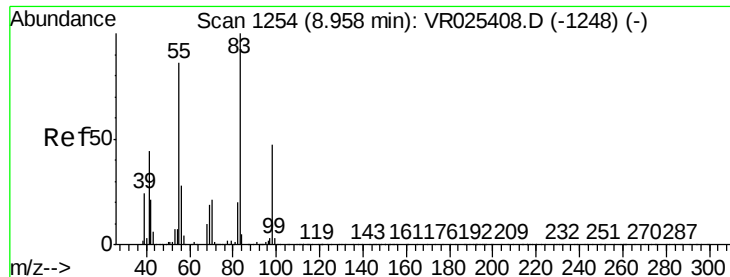
132 1.5 60.9 113.1#

130 0.0 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: 0.710 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

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Instrument :

MSVOA_R

ClientSampleId :

DAZC2

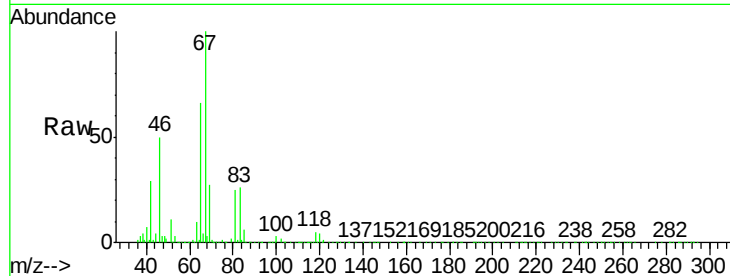
Tgt Ion: 83 Resp: 49639

Ion Ratio Lower Upper

83 100

55 1.1 66.1 99.1#

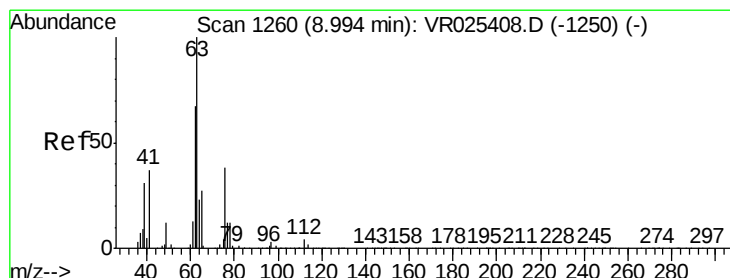
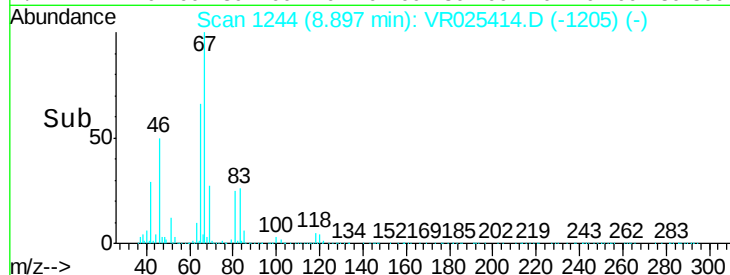
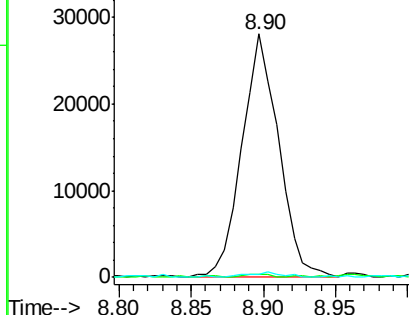
98 2.2 36.2 54.4#



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: 0.519 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025414.D

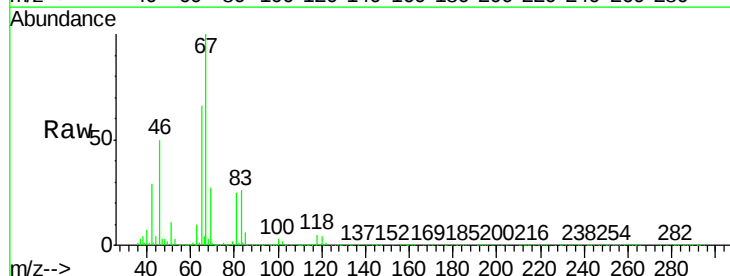
Acq: 22 Jun 2018 15:01

Tgt Ion: 63 Resp: 21132

Ion Ratio Lower Upper

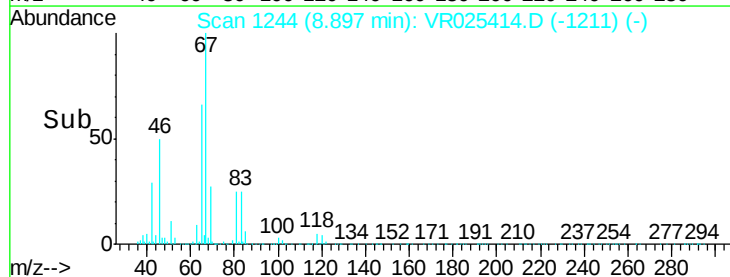
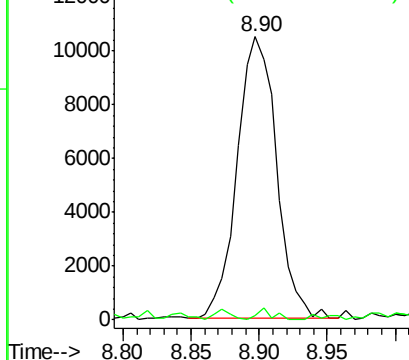
63 100

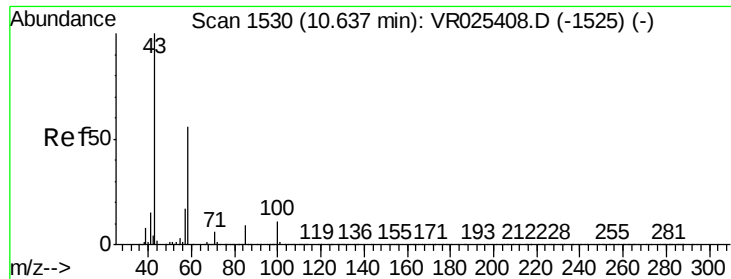
112 1.7 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.821 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR025414.D
 Acq: 22 Jun 2018 15:01

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZC2

Tgt Ion:	43	Resp:	32102
Ion	Ratio	Lower	Upper
43	100		
58	29.3	43.1	64.7#
57	27.8	15.3	22.9#
100	2.0	7.9	11.9#

