

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062518\
 Data File : VR025429.D
 Acq On : 25 Jun 2018 15:03
 Operator : SY/MD
 Sample : VIBLK92
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK92

Quant Time: Jun 26 01:43:55 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	527922	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	449637	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	150024	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	55956	3.11	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.20%
7) Chloroethane-d5	2.65	69	45088	3.41	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	68.20%
11) 1,1-Dichloroethene-d2	3.64	63	124543	2.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.80%#
20) 2-Butanone-d5	6.60	46	299811	62.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.40%
24) Chloroform-d	7.20	84	342455	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.00%
26) 1,2-Dichloroethane-d4	7.90	65	142964	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	7.86	84	675665	4.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	8.90	67	216394	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	9.97	98	566886	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
43) trans-1,3-Dichloropropene-	10.24	79	42033	3.65	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	73.00%
46) 2-Hexanone-d5	10.59	63	240020	59.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.98%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	100409	5.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	133557	5.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.00%

Target Compounds

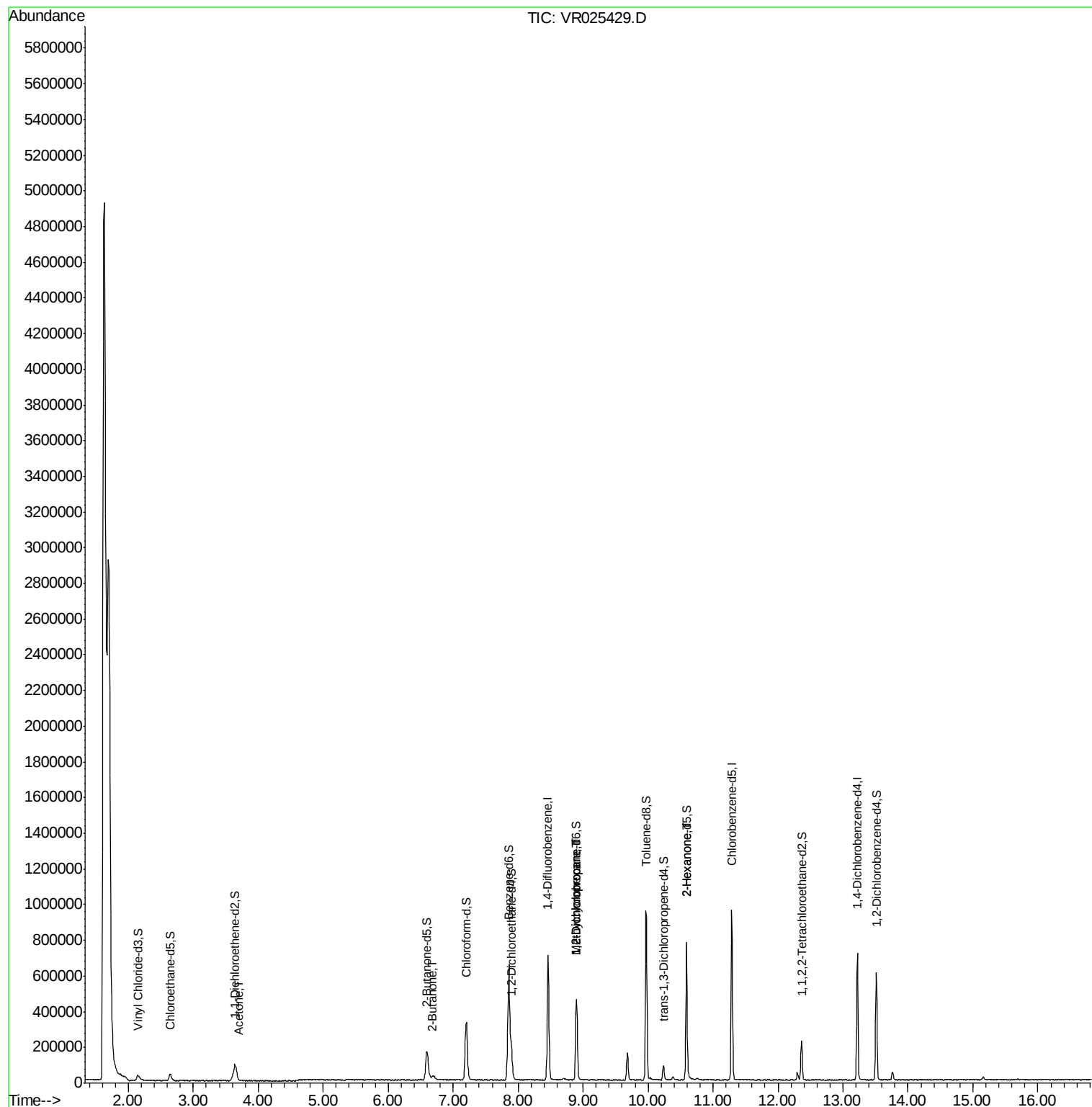
					Qvalue
13) Acetone	3.70	43	487	0.224 ug/L	99
21) 2-Butanone	6.68	43	1043	0.203 ug/L	98
35) Methylcyclohexane	8.90	83	49492	0.734 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	20586	0.525 ug/L #	92
48) 2-Hexanone	10.59	43	28620	3.535 ug/L #	72

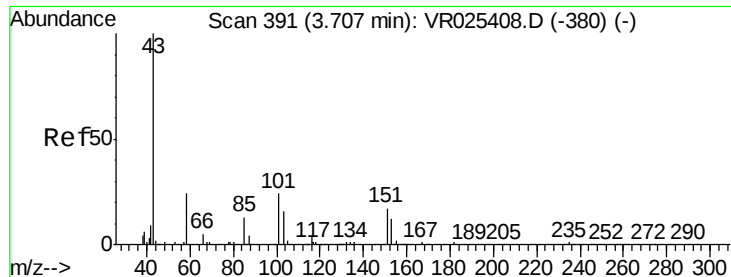
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.224 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.01 min

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MSVOA_R

ClientSampleId :

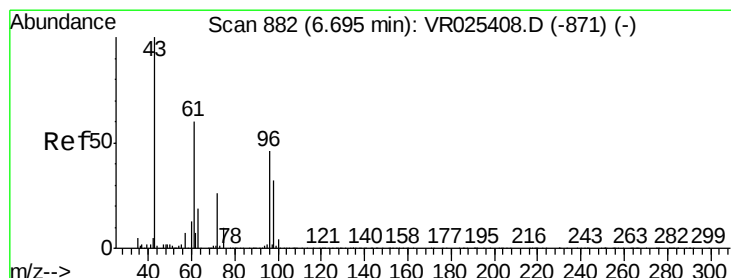
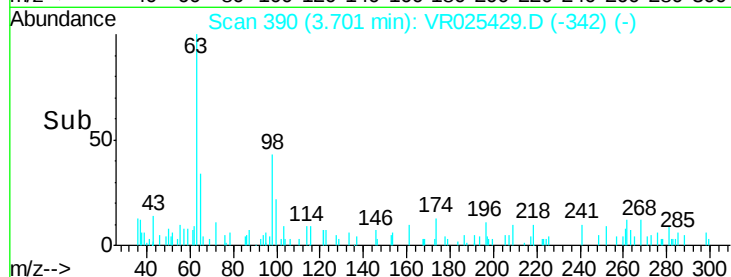
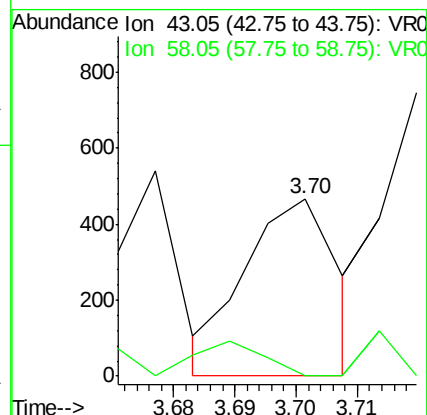
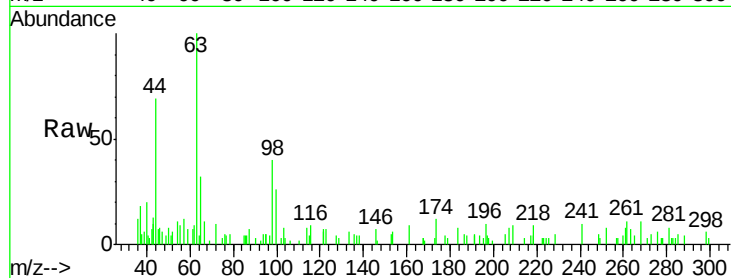
VIBLK92

Tgt Ion: 43 Resp: 487

Ion Ratio Lower Upper

43 100

58 20.5 0.0 41.6



#21

2-Butanone

Concen: 0.203 ug/L

RT: 6.68 min Scan# 880

Delta R.T. -0.01 min

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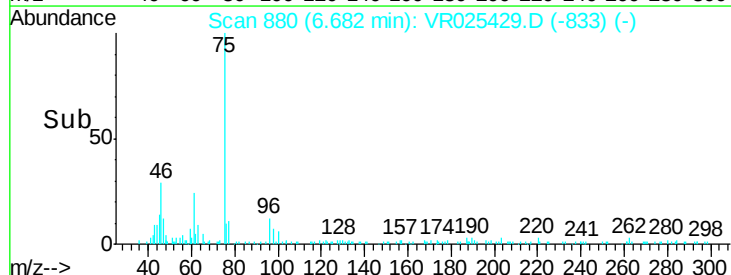
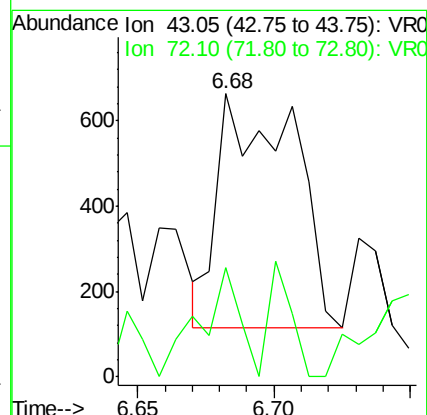
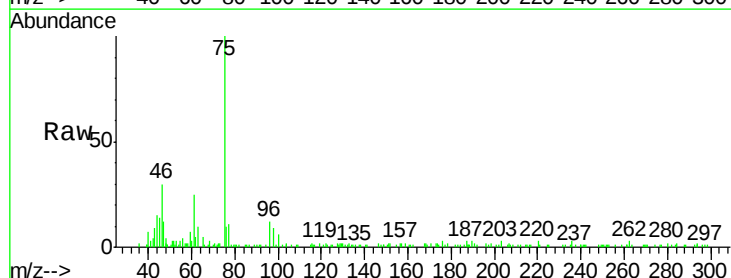
Acq: 25 Jun 2018 15:03

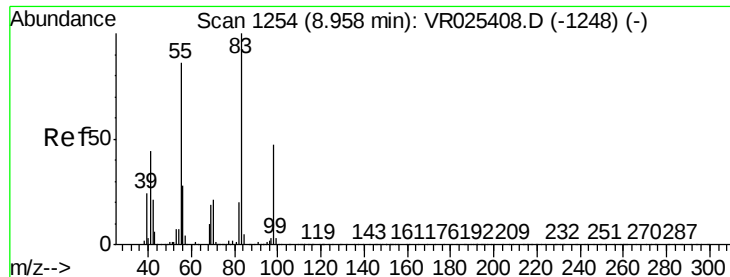
Tgt Ion: 43 Resp: 1043

Ion Ratio Lower Upper

43 100

72 24.6 13.0 38.9





#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

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Instrument :

MSVOA_R

ClientSampleId :

VIBLK92

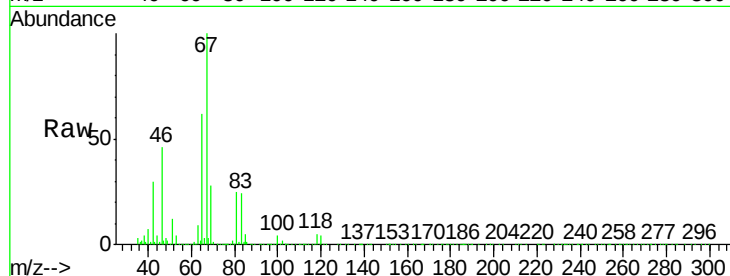
Tgt Ion: 83 Resp: 49492

Ion Ratio Lower Upper

83 100

55 1.4 66.1 99.1#

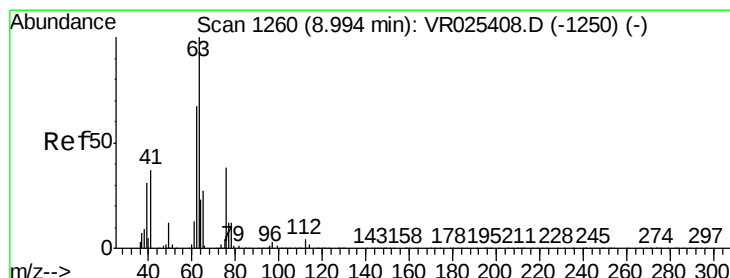
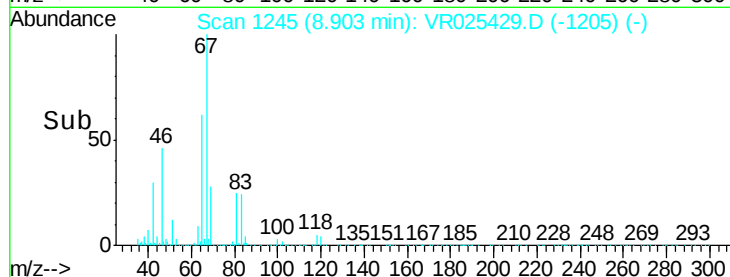
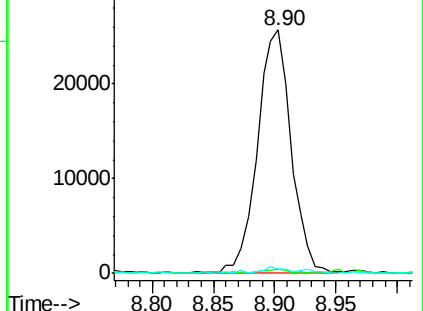
98 1.9 36.2 54.4#



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: 0.525 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025429.D

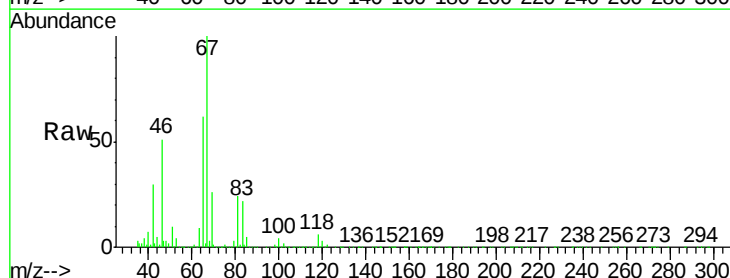
Acq: 25 Jun 2018 15:03

Tgt Ion: 63 Resp: 20586

Ion Ratio Lower Upper

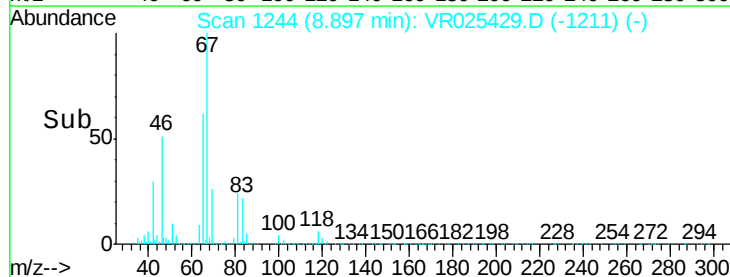
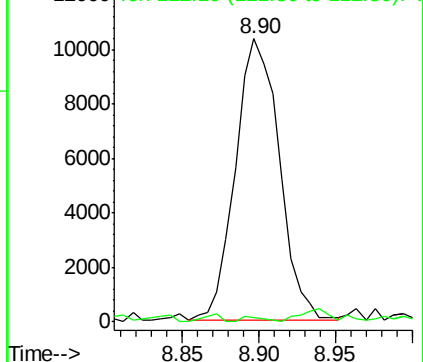
63 100

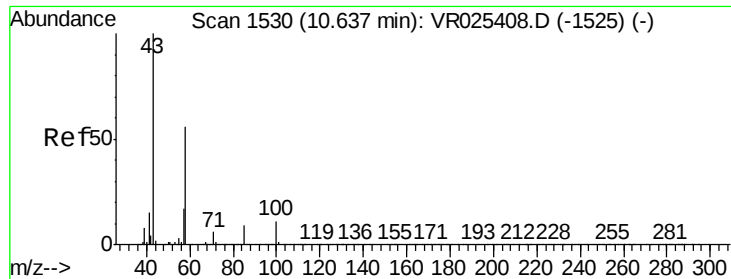
112 1.0 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.535 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025429.D
 Acq: 25 Jun 2018 15:03

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK92

Tgt Ion:	43	Resp:	28620
Ion	Ratio	Lower	Upper
43	100		
58	30.5	43.1	64.7#
57	30.6	15.3	22.9#
100	5.8	7.9	11.9#

