

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062118\
 Data File : VR025401.D
 Acq On : 21 Jun 2018 17:09
 Operator : SY/MD
 Sample : J3550-15
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jun 22 02:53:51 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 02:50:30 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	499670	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	437607	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146126	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	88757	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	2.64	69	67745	5.42	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.40%
11) 1,1-Dichloroethene-d2	3.65	63	185417	4.24	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.80%
20) 2-Butanone-d5	6.60	46	283798	62.21	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.42%
24) Chloroform-d	7.20	84	369522	5.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.20%
26) 1,2-Dichloroethane-d4	7.89	65	152283	6.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	125.20%
32) Benzene-d6	7.86	84	784949	5.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.80%
36) 1,2-Dichloropropane-d6	8.90	67	230479	5.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.40%
41) Toluene-d8	9.97	98	692729	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
43) trans-1,3-Dichloropropene-	10.24	79	48217	4.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.00%
46) 2-Hexanone-d5	10.59	63	238259	61.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	122.38%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	105705	6.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.80%#
64) 1,2-Dichlorobenzene-d4	13.51	152	158369	6.39	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	127.80%#

Target Compounds

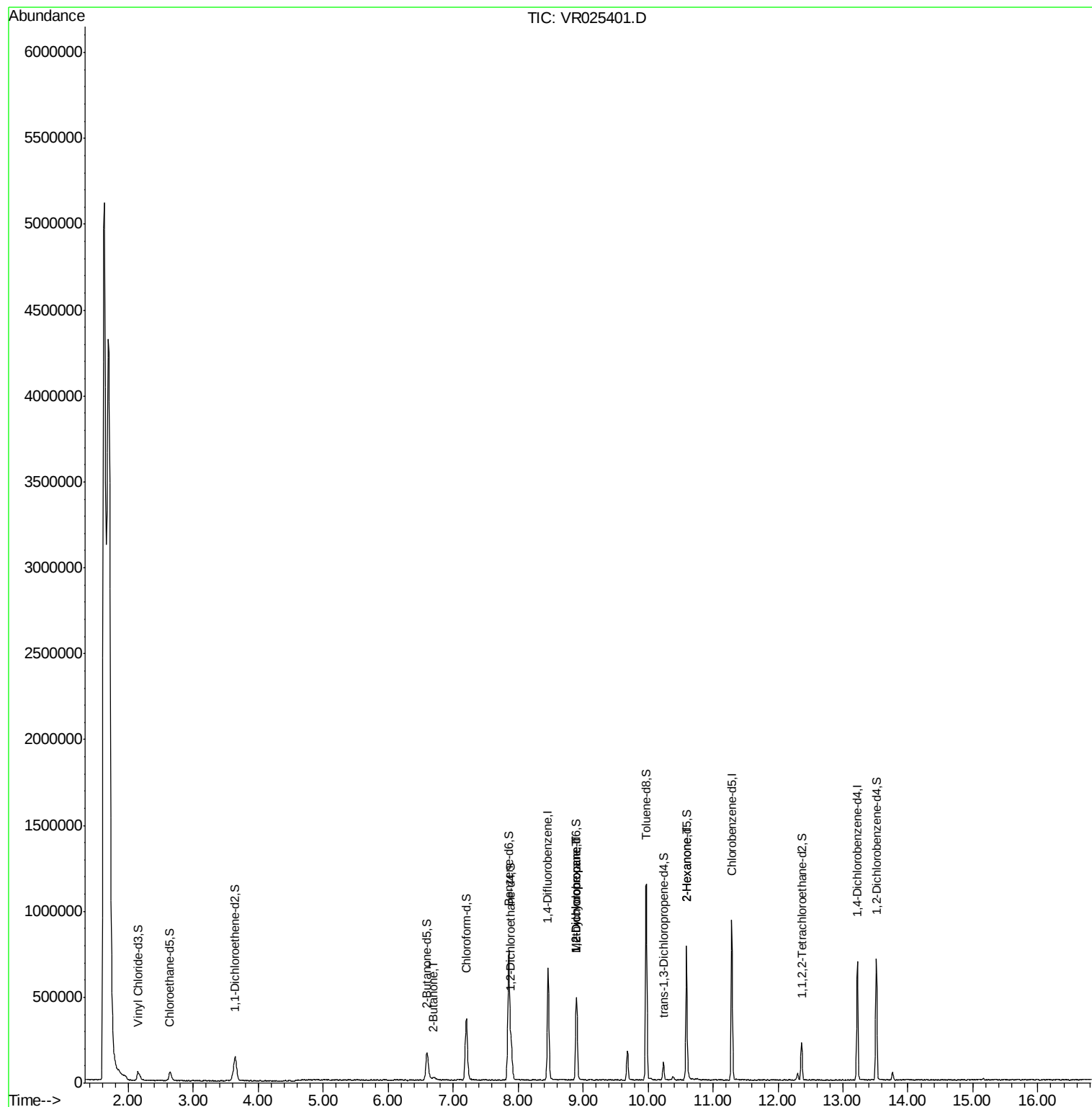
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
21) 2-Butanone	6.70	43	1578	0.324	ug/L	94
35) Methylcyclohexane	8.90	83	52766	0.804	ug/L #	18
37) 1,2-Dichloropropane	8.90	63	24627	0.645	ug/L #	91
48) 2-Hexanone	10.59	43	29845	3.788	ug/L #	68

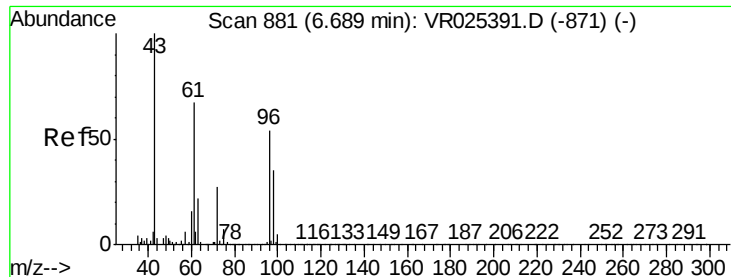
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

2-Butanone

Concen: 0.324 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025401.D

Acq: 21 Jun 2018 17:09

Instrument :

MSVOA_R

ClientSampleId :

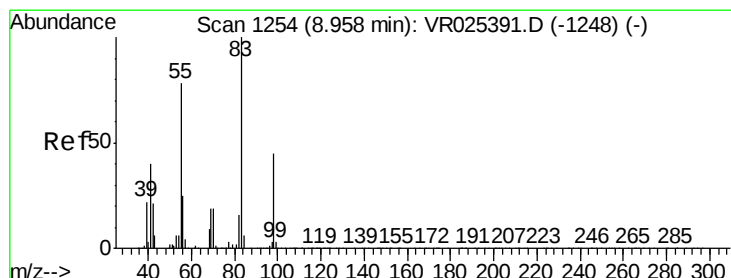
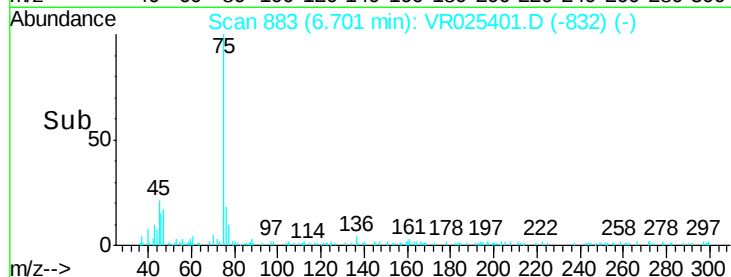
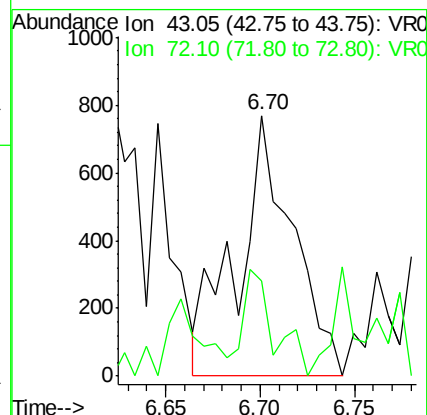
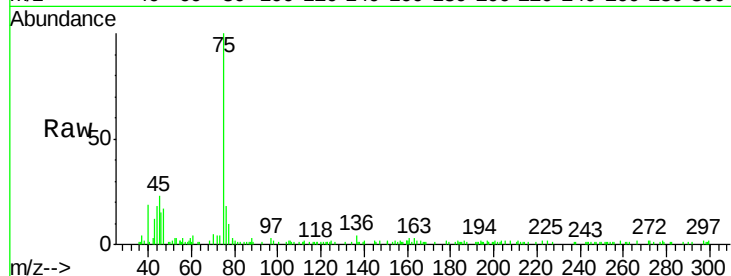
VHBLK01

Tgt Ion: 43 Resp: 1578

Ion Ratio Lower Upper

43 100

72 22.9 13.0 38.9



#35

Methylcyclohexane

Concen: 0.804 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

Lab File: VR025401.D

Acq: 21 Jun 2018 17:09

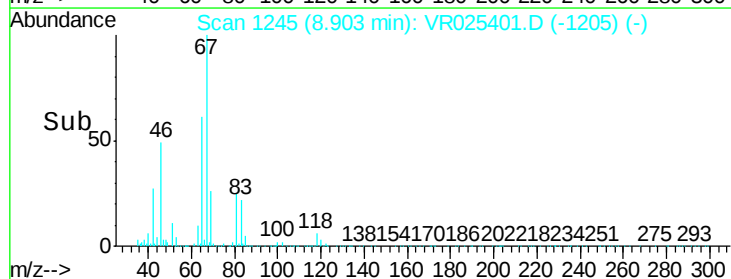
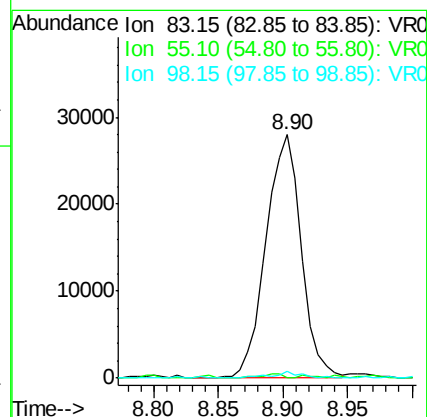
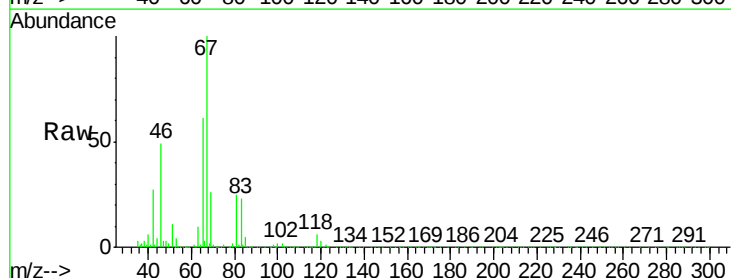
Tgt Ion: 83 Resp: 52766

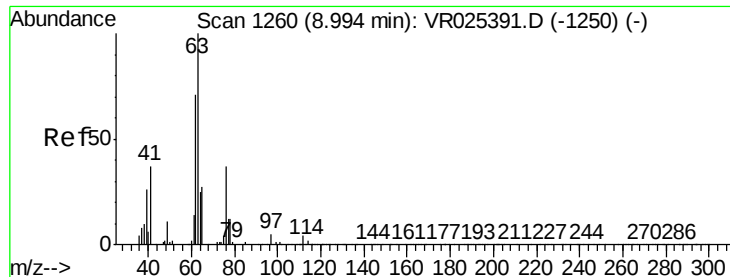
Ion Ratio Lower Upper

83 100

55 1.3 66.1 99.1#

98 2.3 36.2 54.4#





#37

1,2-Dichloropropane

Concen: 0.645 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025401.D

Acq: 21 Jun 2018 17:09

Instrument :

MSVOA_R

ClientSampled :

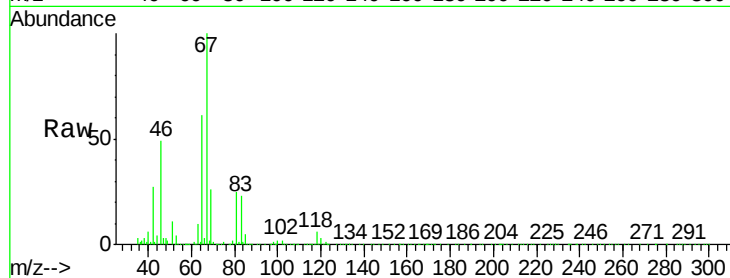
VHBLK01

Tgt Ion: 63 Resp: 24627

Ion Ratio Lower Upper

63 100

112 0.5 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

8.90

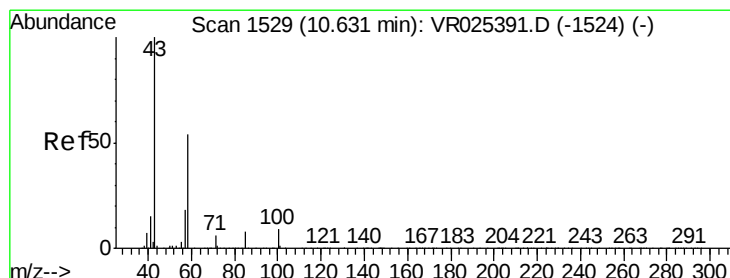
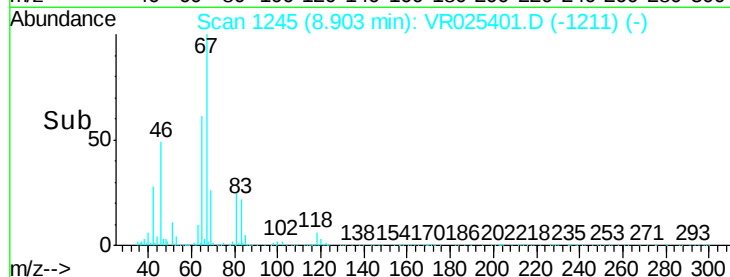
10000

5000

0

8.80 8.85 8.90 8.95 9.00

Time-->



#48

2-Hexanone

Concen: 3.788 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.04 min

Lab File: VR025401.D

Acq: 21 Jun 2018 17:09

Tgt Ion: 43 Resp: 29845

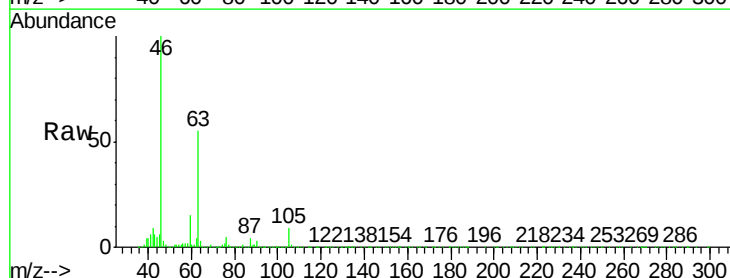
Ion Ratio Lower Upper

43 100

58 28.3 43.1 64.7#

57 31.8 15.3 22.9#

100 3.1 7.9 11.9#



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

10.59

30000

25000

20000

15000

10000

5000

0

10.55 10.60 10.65

Time-->

