

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR070518\
 Data File : VR025445.D
 Acq On : 5 Jul 2018 18:36
 Operator : SY/MD
 Sample : J3781-05
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jul 06 01:26:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 05 15:29:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	650448	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	548519	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	187023	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	99125	5.53	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	110.60%
7) Chloroethane-d5	2.62	69	83436	5.46	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.20%
11) 1,1-Dichloroethene-d2	3.63	63	212184	3.91	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.20%
20) 2-Butanone-d5	6.60	46	297939	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	7.20	84	416936	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
26) 1,2-Dichloroethane-d4	7.90	65	166333	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	7.86	84	906119	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	8.90	67	259654	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	9.97	98	790134	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	10.24	79	60054	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	10.59	63	262297	57.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	116611	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	180385	5.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.80%

Target Compounds

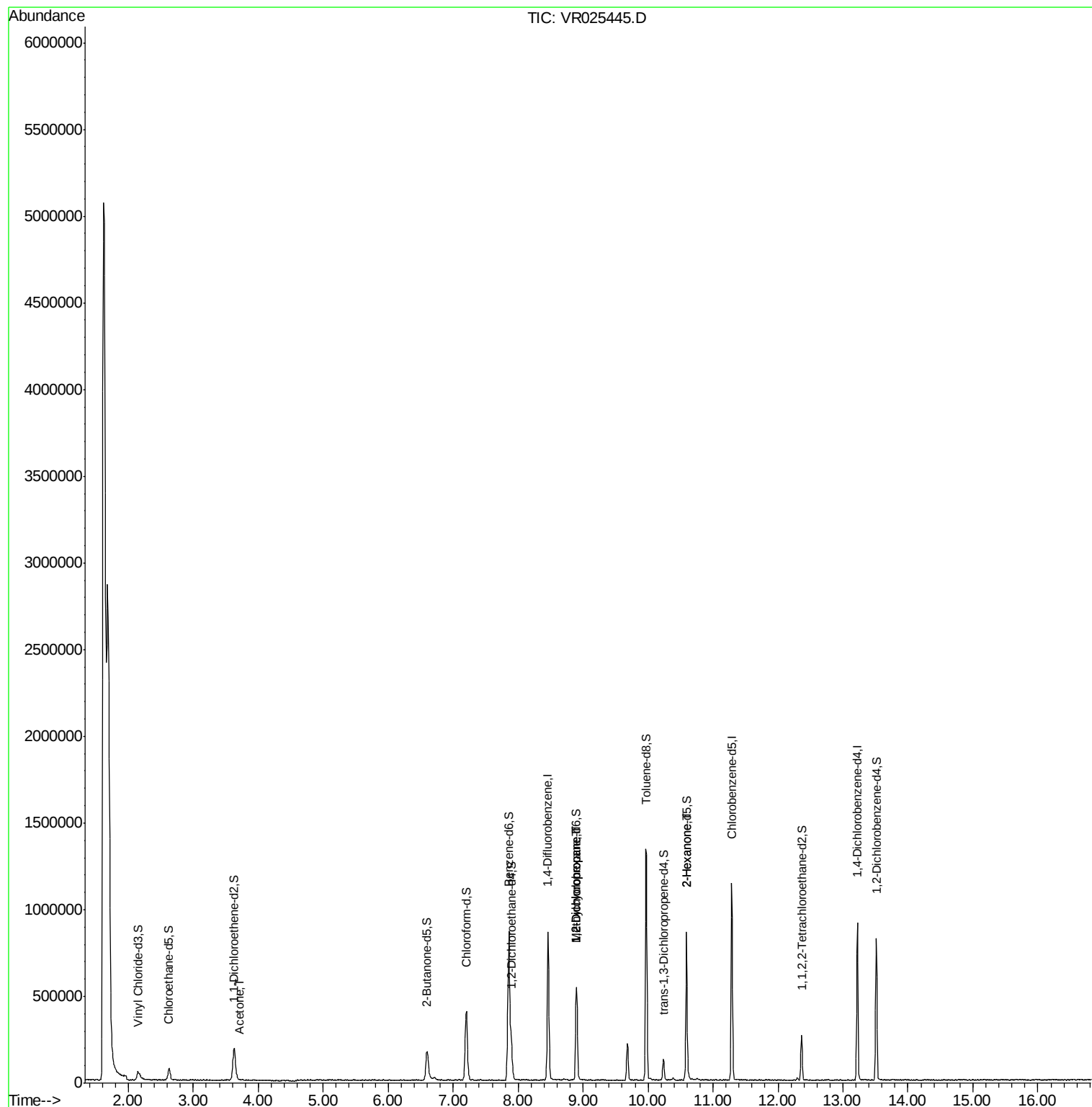
					Qvalue
13) Acetone	3.71	43	2163	0.862 ug/L	97
35) Methylcyclohexane	8.90	83	58602	0.911 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	25835	0.588 ug/L #	98
48) 2-Hexanone	10.59	43	32254	3.682 ug/L #	68

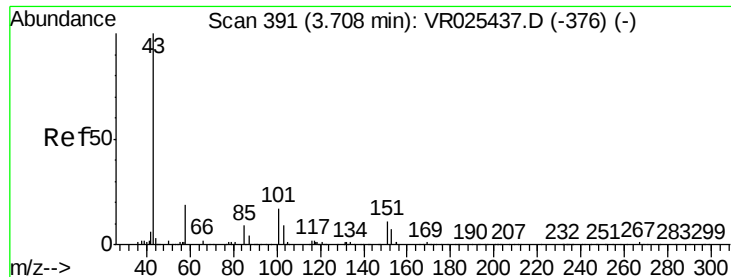
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.862 ug/L

RT: 3.71 min Scan# 392

Delta R.T. 0.01 min

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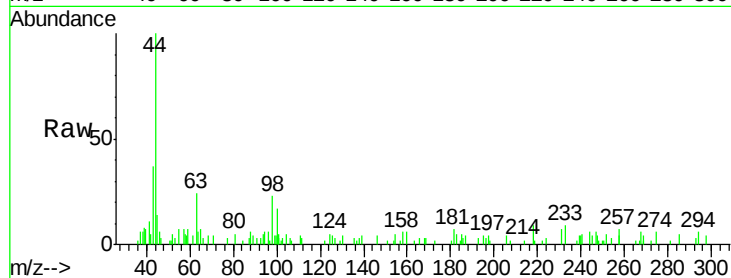
VHBLK01

Tgt Ion: 43 Resp: 2163

Ion Ratio Lower Upper

43 100

58 19.4 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

1200

1000

800

600

400

200

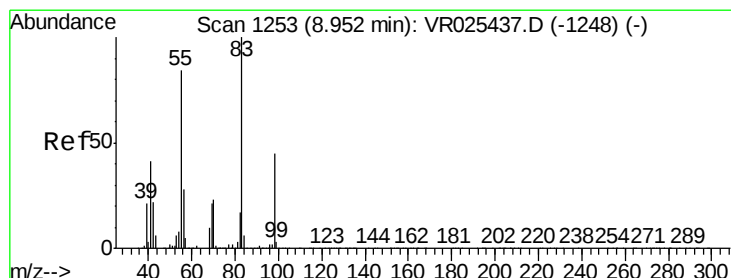
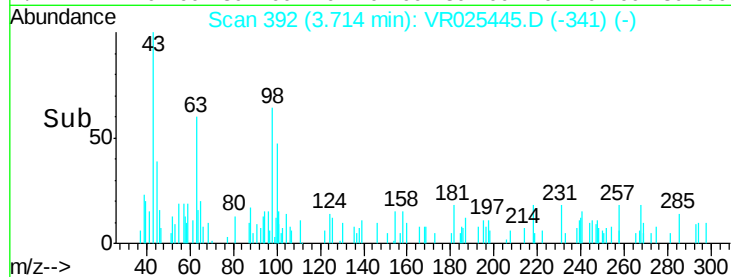
0

Time-->

3.65

3.70

3.75



#35

Methylcyclohexane

Concen: 0.911 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.05 min

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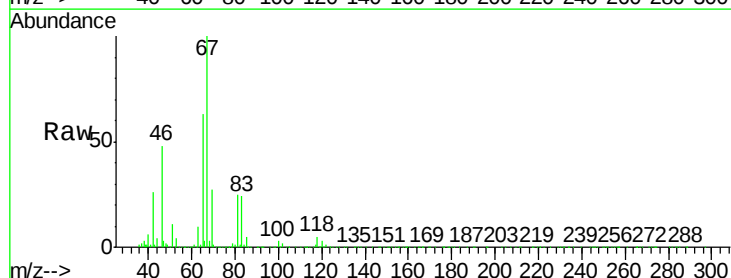
Tgt Ion: 83 Resp: 58602

Ion Ratio Lower Upper

83 100

55 0.7 66.1 99.1#

98 1.1 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

40000

30000

20000

10000

0

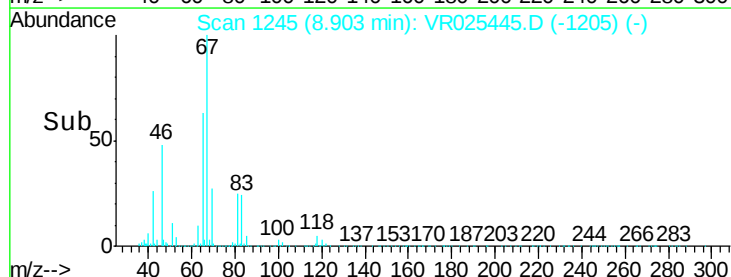
Time-->

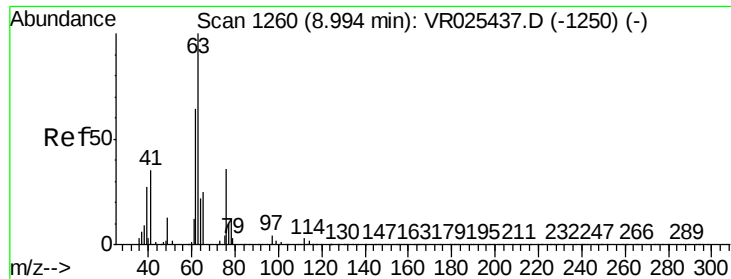
8.80

8.85

8.90

8.95





#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

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ClientSampleId :

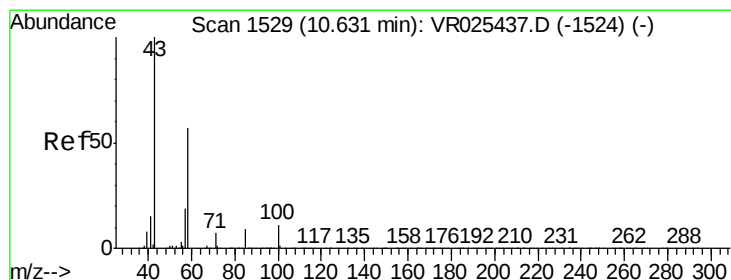
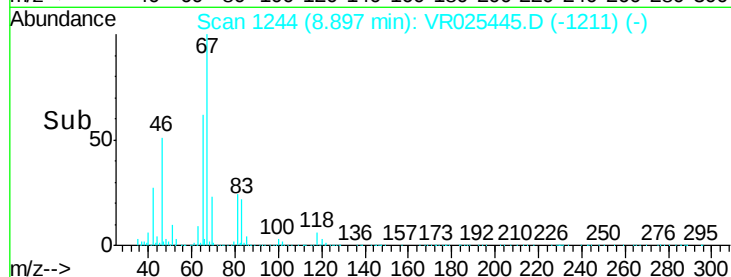
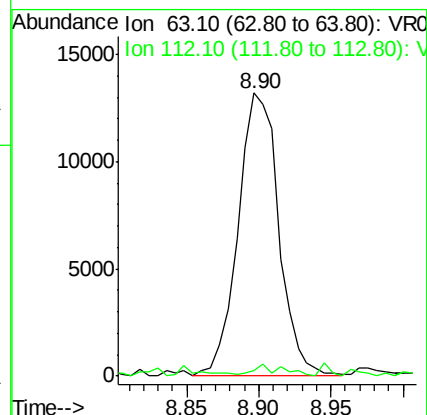
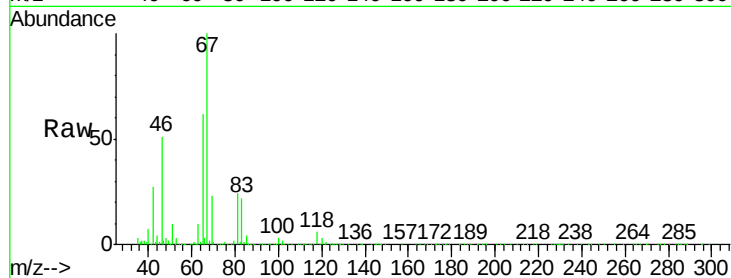
VHBLK01

Tgt Ion: 63 Resp: 25835

Ion Ratio Lower Upper

63 100

112 2.9 2.9 4.3#



#48

2-Hexanone

Concen: 3.682 ug/L

RT: 10.59 min Scan# 1522

Delta R.T. -0.05 min

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Acq: 5 Jul 2018 18:36

Tgt Ion: 43 Resp: 32254

Ion Ratio Lower Upper

43 100

58 27.0 43.1 64.7#

57 31.3 15.3 22.9#

100 4.4 7.9 11.9#

