

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
 Data File : VR025486.D
 Acq On : 17 Jul 2018 10:23
 Operator : SY/MD
 Sample : VR0717WBL01
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK85

Quant Time: Jul 18 01:03:50 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 18 01:02:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	724478	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	577734	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	189644	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	89842	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	2.63	69	67989	3.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	3.62	63	190701	3.15	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.00%
20) 2-Butanone-d5	6.59	46	215303	34.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	69.42%
24) Chloroform-d	7.20	84	375003	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	7.89	65	143210	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.60%
32) Benzene-d6	7.86	84	810426	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	8.90	67	221262	3.94	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.80%
41) Toluene-d8	9.97	98	718010	4.23	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	10.24	79	52061	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	10.59	63	178509	37.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	89366	3.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	71.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	149334	4.77	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.40%

Target Compounds

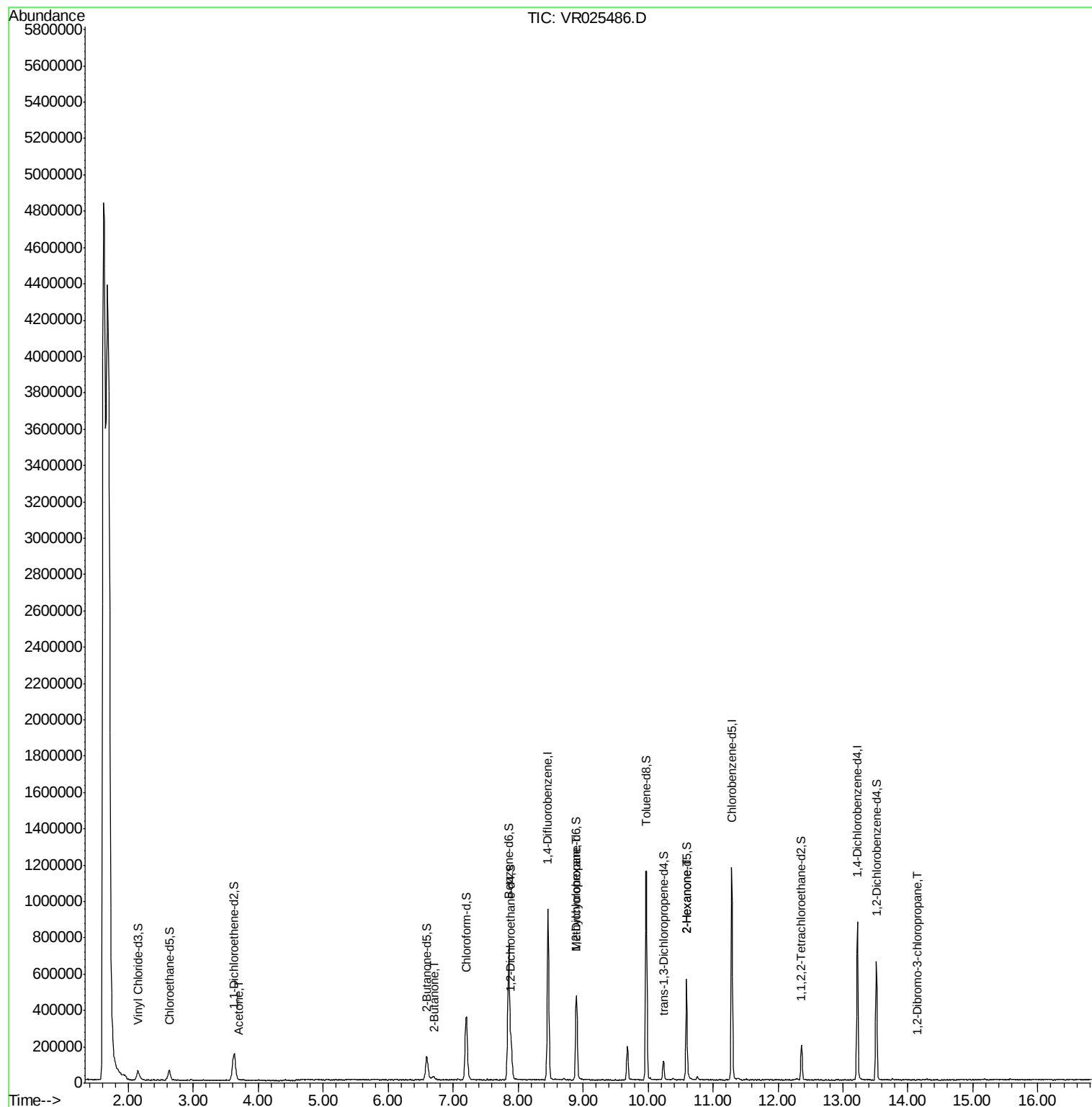
					Qvalue
13) Acetone	3.70	43	1092	0.391 ug/L	97
21) 2-Butanone	6.71	43	1923	0.295 ug/L	86
35) Methylcyclohexane	8.90	83	52308	0.772 ug/L #	17
48) 2-Hexanone	10.59	43	20728	2.246 ug/L #	68
66) 1,2-Dibromo-3-chloropropan	14.15	75	475	0.222 ug/L #	48

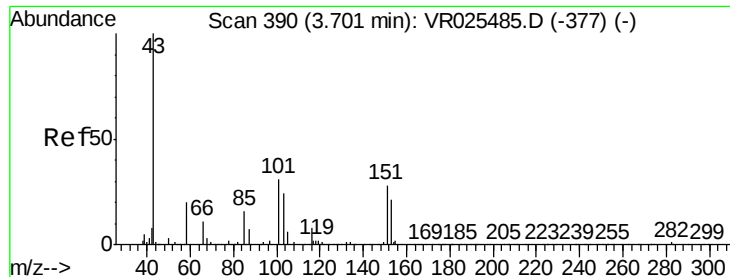
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.391 ug/L

RT: 3.70 min Scan# 390

Delta R.T. 0.00 min

Lab File: VR025486.D

Acq: 17 Jul 2018 10:23

Instrument :

MSVOA_R

ClientSampled :

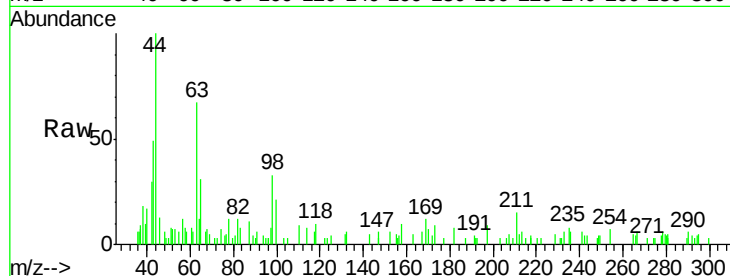
VBLK85

Tgt Ion: 43 Resp: 1092

Ion Ratio Lower Upper

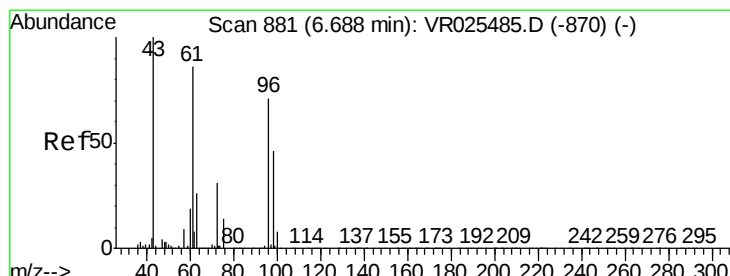
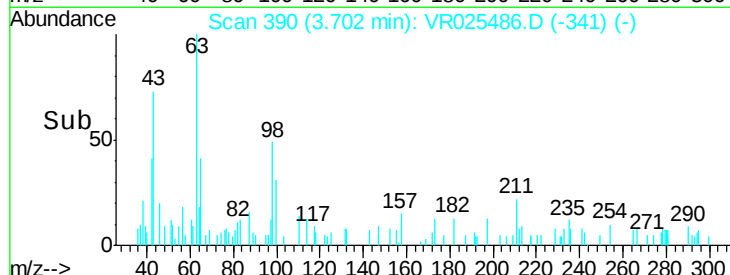
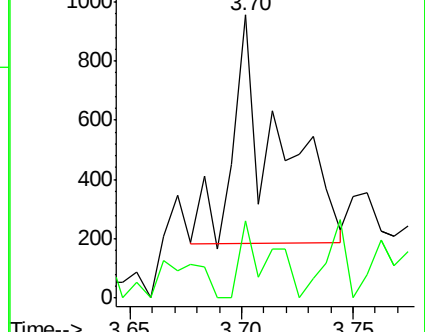
43 100

58 22.1 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: 0.295 ug/L

RT: 6.71 min Scan# 885

Delta R.T. 0.02 min

Lab File: VR025486.D

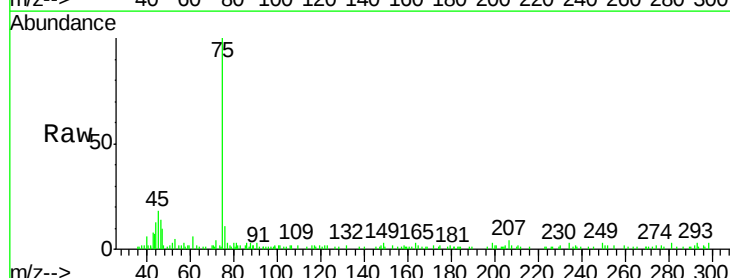
Acq: 17 Jul 2018 10:23

Tgt Ion: 43 Resp: 1923

Ion Ratio Lower Upper

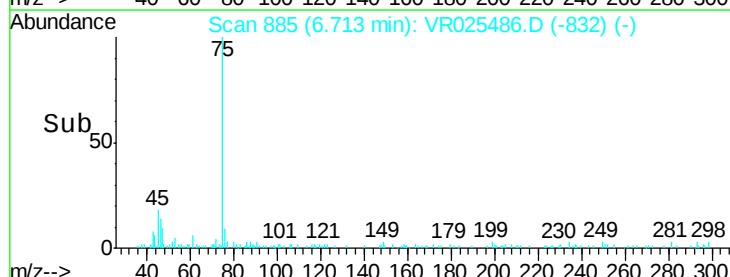
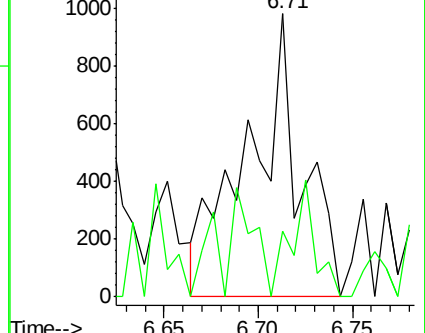
43 100

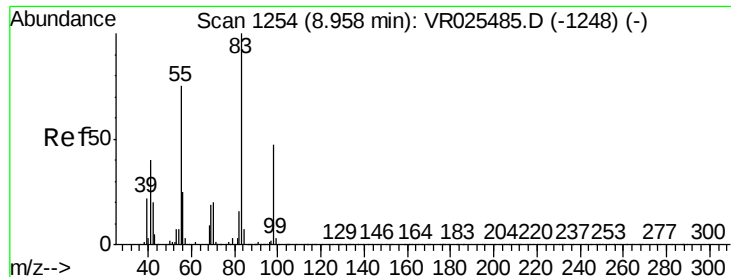
72 18.7 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#35

Methylcyclohexane

Concen: 0.772 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025486.D

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ClientSampleId :

VBLK85

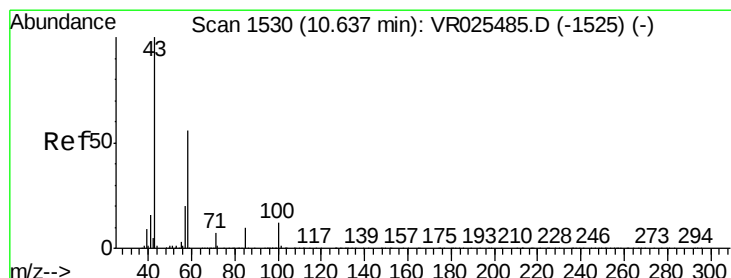
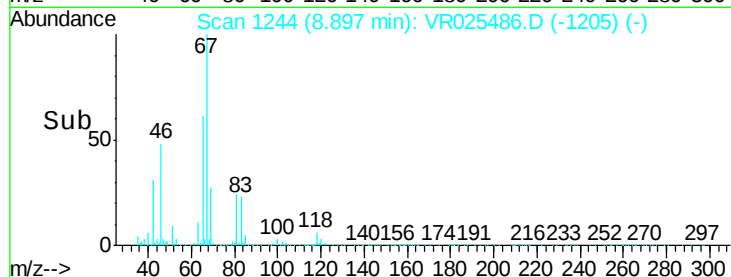
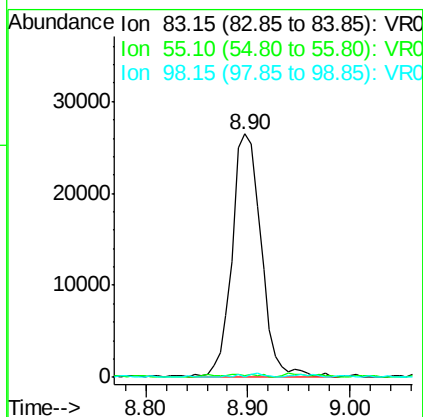
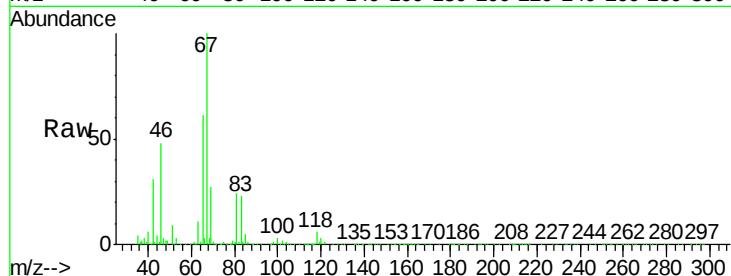
Tgt Ion: 83 Resp: 52308

Ion Ratio Lower Upper

83 100

55 0.0 66.1 99.1#

98 1.1 36.2 54.4#



#48

2-Hexanone

Concen: 2.246 ug/L

RT: 10.59 min Scan# 1523

Delta R.T. -0.04 min

Lab File: VR025486.D

Acq: 17 Jul 2018 10:23

Tgt Ion: 43 Resp: 20728

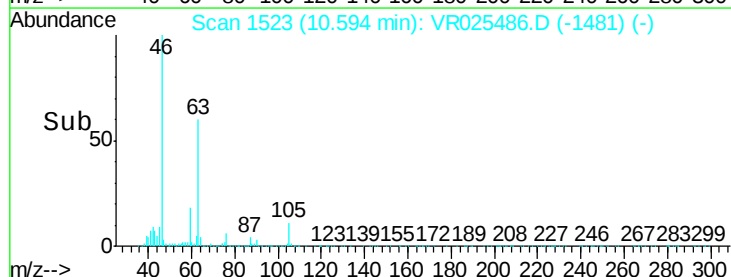
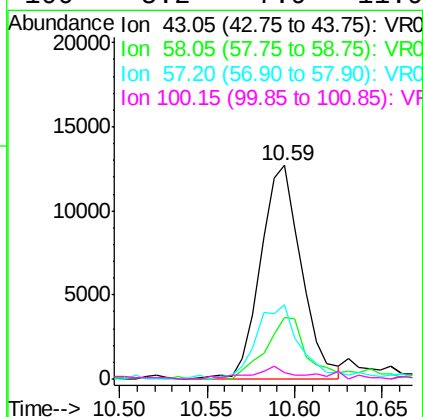
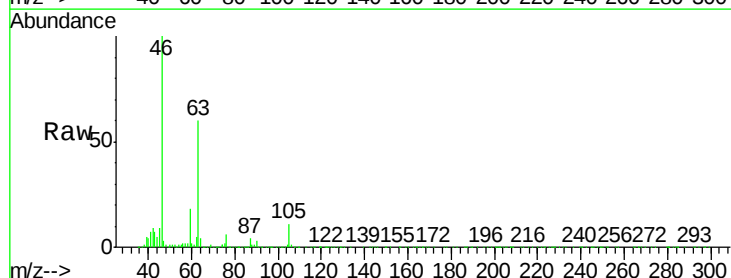
Ion Ratio Lower Upper

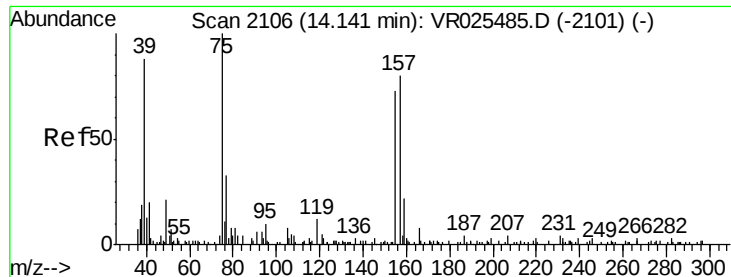
43 100

58 30.4 43.1 64.7#

57 38.0 15.3 22.9#

100 5.2 7.9 11.9#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.222 ug/L
 RT: 14.15 min Scan# 2107
 Delta R.T. 0.01 min
 Lab File: VR025486.D
 Acq: 17 Jul 2018 10:23

Instrument :
 MSVOA_R
 ClientSampleId :
 VBLK85

Tgt Ion: 75 Resp: 475
 Ion Ratio Lower Upper
 75 100
 155 46.9 74.1 111.1#
 157 35.2 71.0 106.6#

