

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
 Data File : VR025490.D
 Acq On : 17 Jul 2018 13:34
 Operator : SY/MD
 Sample : VIBLK85
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VIBLK85

Quant Time: Jul 18 01:04:26 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	884330	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	723719	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	280626	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	88689	3.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.80%
7) Chloroethane-d5	2.64	69	84657	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.40%
11) 1,1-Dichloroethene-d2	3.63	63	195639	2.65	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.00%#
20) 2-Butanone-d5	6.60	46	335302	44.28	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.56%
24) Chloroform-d	7.21	84	439502	3.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.00%
26) 1,2-Dichloroethane-d4	7.90	65	178871	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
32) Benzene-d6	7.86	84	911415	3.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.20%
36) 1,2-Dichloropropane-d6	8.90	67	268322	3.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	76.40%
41) Toluene-d8	9.97	98	809339	3.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.20%
43) trans-1,3-Dichloropropene-	10.24	79	70945	3.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.20%
46) 2-Hexanone-d5	10.59	63	289808	48.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.34%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	117452	3.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	74.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	205789	4.44	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.80%

Target Compounds

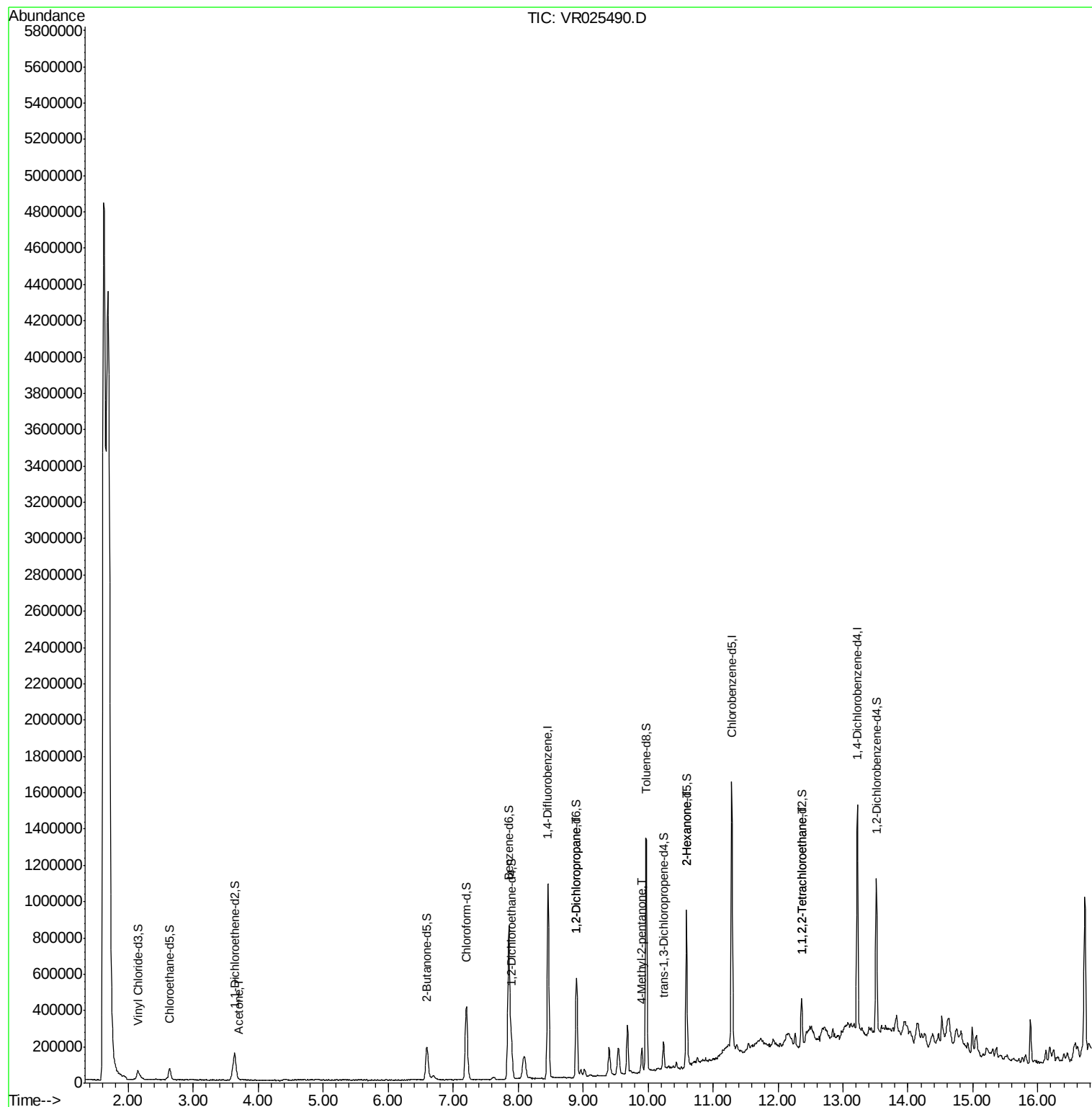
					Qvalue
13) Acetone	3.71	43	1640	0.481 ug/L	71
37) 1,2-Dichloropropane	8.90	63	29177	0.503 ug/L #	94
40) 4-Methyl-2-pentanone	9.90	43	16222	0.965 ug/L #	78
48) 2-Hexanone	10.59	43	37983	3.286 ug/L #	59
58) 1,1,2,2-Tetrachloroethane	12.36	83	5854	0.209 ug/L #	19

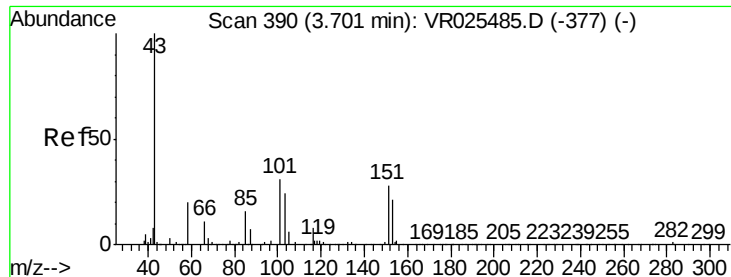
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.481 ug/L

RT: 3.71 min Scan# 391

Delta R.T. 0.01 min

Lab File: VR025490.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_R

ClientSampleId :

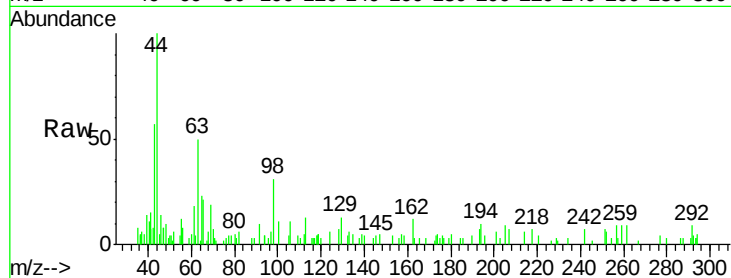
VIBLK85

Tgt Ion: 43 Resp: 1640

Ion Ratio Lower Upper

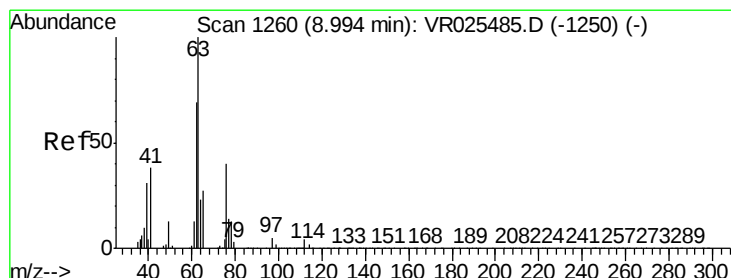
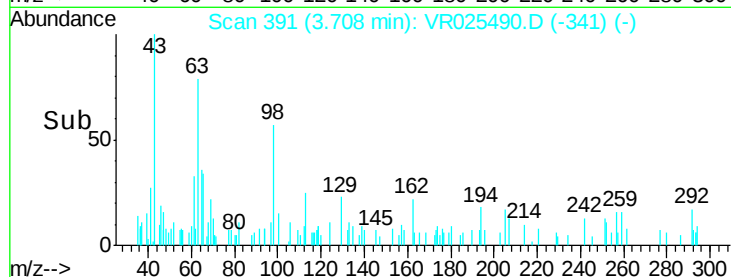
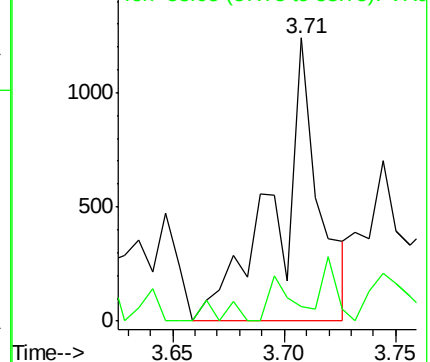
43 100

58 7.4 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#37

1,2-Dichloropropane

Concen: 0.503 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.10 min

Lab File: VR025490.D

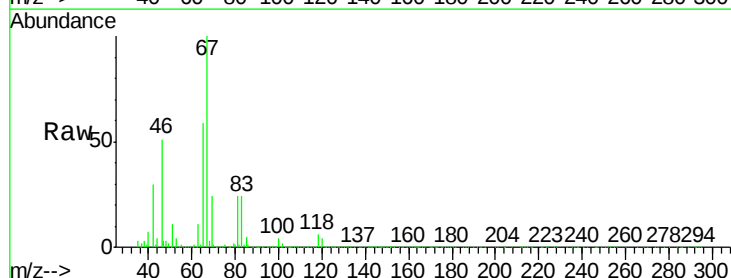
Acq: 17 Jul 2018 13:34

Tgt Ion: 63 Resp: 29177

Ion Ratio Lower Upper

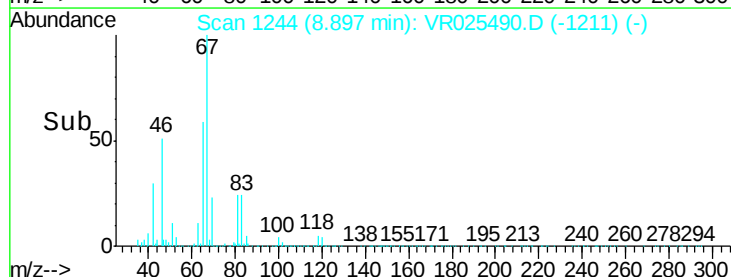
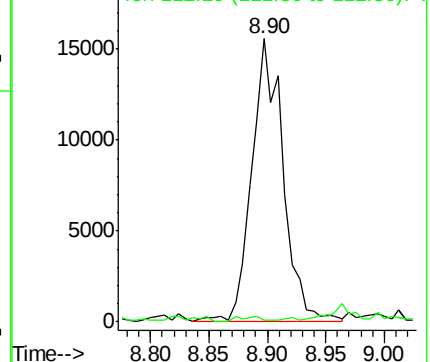
63 100

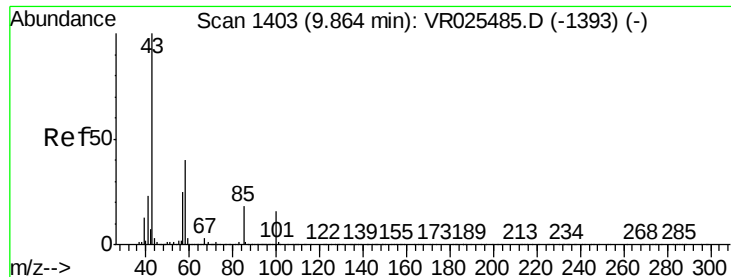
112 1.6 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

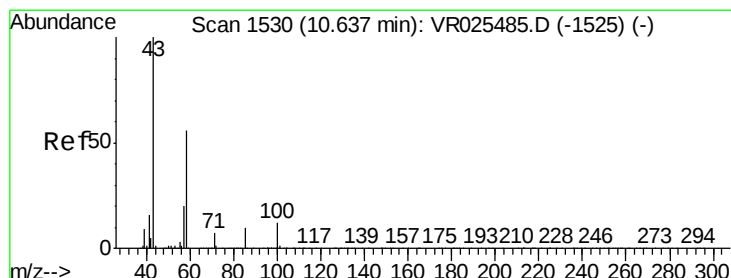
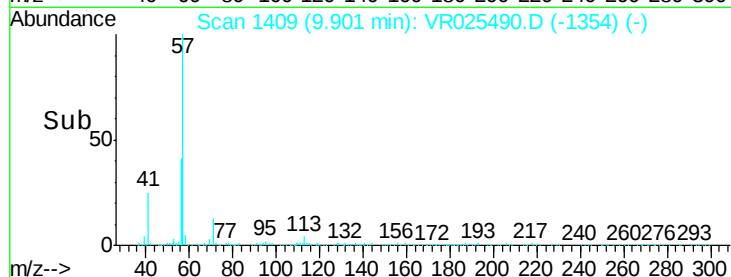
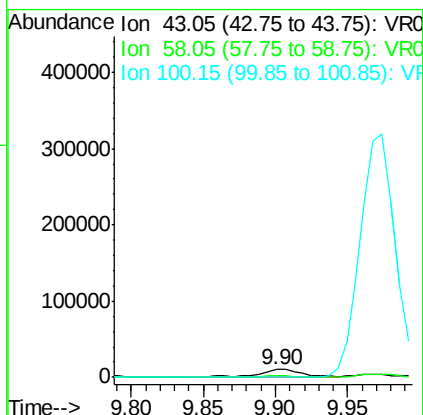
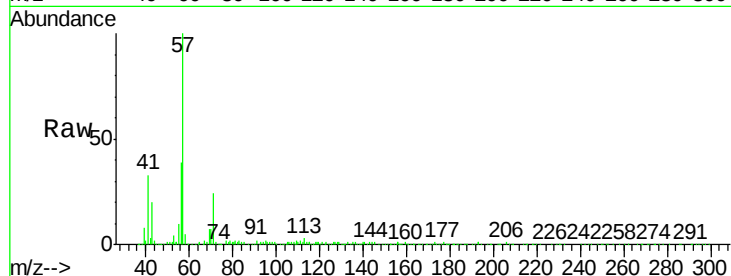




#40
4-Methyl-2-pentanone
Concen: 0.965 ug/L
RT: 9.90 min Scan# 1409
Delta R.T. 0.04 min
Lab File: VR025490.D
Acq: 17 Jul 2018 13:34

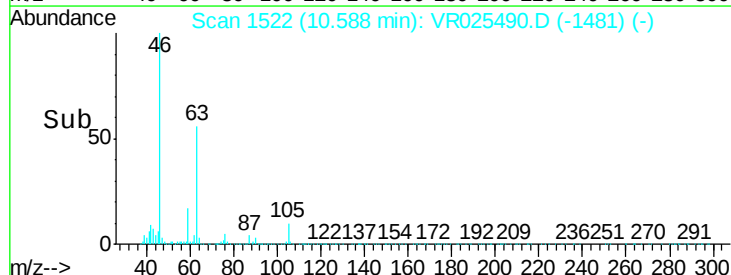
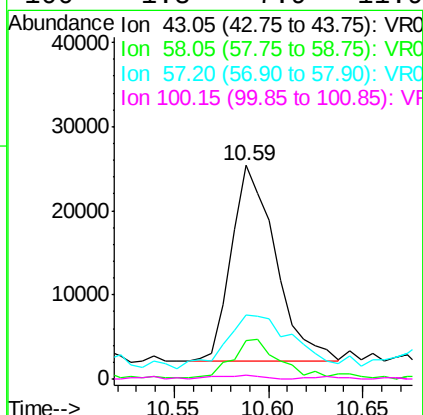
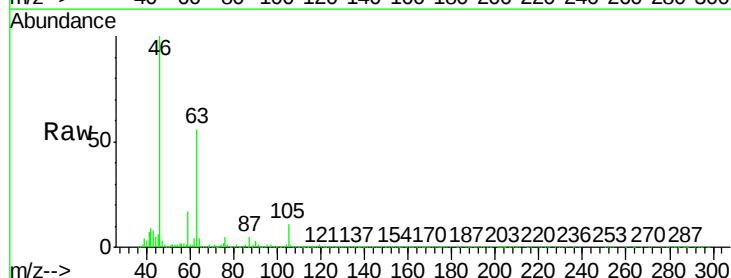
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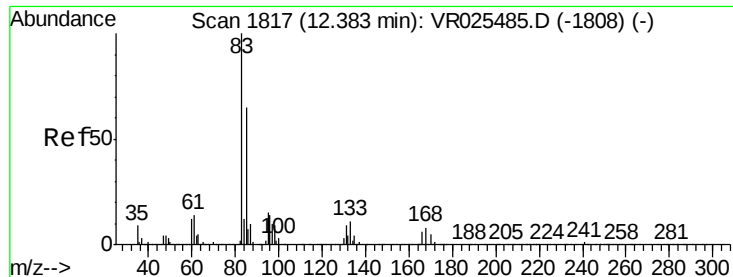
Tgt Ion: 43 Resp: 16222
Ion Ratio Lower Upper
43 100
58 27.2 30.3 45.5#
100 0.0 10.3 15.5#



#48
2-Hexanone
Concen: 3.286 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025490.D
Acq: 17 Jul 2018 13:34

Tgt Ion: 43 Resp: 37983
Ion Ratio Lower Upper
43 100
58 23.9 43.1 64.7#
57 40.5 15.3 22.9#
100 1.8 7.9 11.9#





#58

1,1,2,2-Tetrachloroethane

Concen: 0.209 ug/L

RT: 12.36 min Scan# 1814

Delta R.T. -0.02 min

Lab File: VR025490.D

Acq: 17 Jul 2018 13:34

Instrument :

MSVOA_R

ClientSampleId :

VIBLK85

Tgt Ion: 83 Resp: 5854

Ion Ratio Lower Upper

83 100

85 0.0 41.8 77.6#

131 40.4 6.1 9.1#

