

Data File : VR025819.D
Acq On : 24 Sep 2018 12:01
Operator : SY/MD
Sample : VR0924WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK01

Quant Time: Sep 25 07:31:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Sep 25 07:30:51 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	522594	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	402097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	135154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	171612	4.58	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.60%
7) Chloroethane-d5	2.62	69	144662	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.40%
11) 1,1-Dichloroethene-d2	3.60	63	300530	3.32	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	6.59	46	225029	45.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.22%
24) Chloroform-d	7.20	84	335584	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
26) 1,2-Dichloroethane-d4	7.89	65	147716	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
32) Benzene-d6	7.85	84	687931	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
36) 1,2-Dichloropropane-d6	8.90	67	185512	4.56	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.20%
41) Toluene-d8	9.97	98	597796	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.23	79	45843	4.07	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.40%
46) 2-Hexanone-d5	10.59	63	159389	42.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.72%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65367	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	100659	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

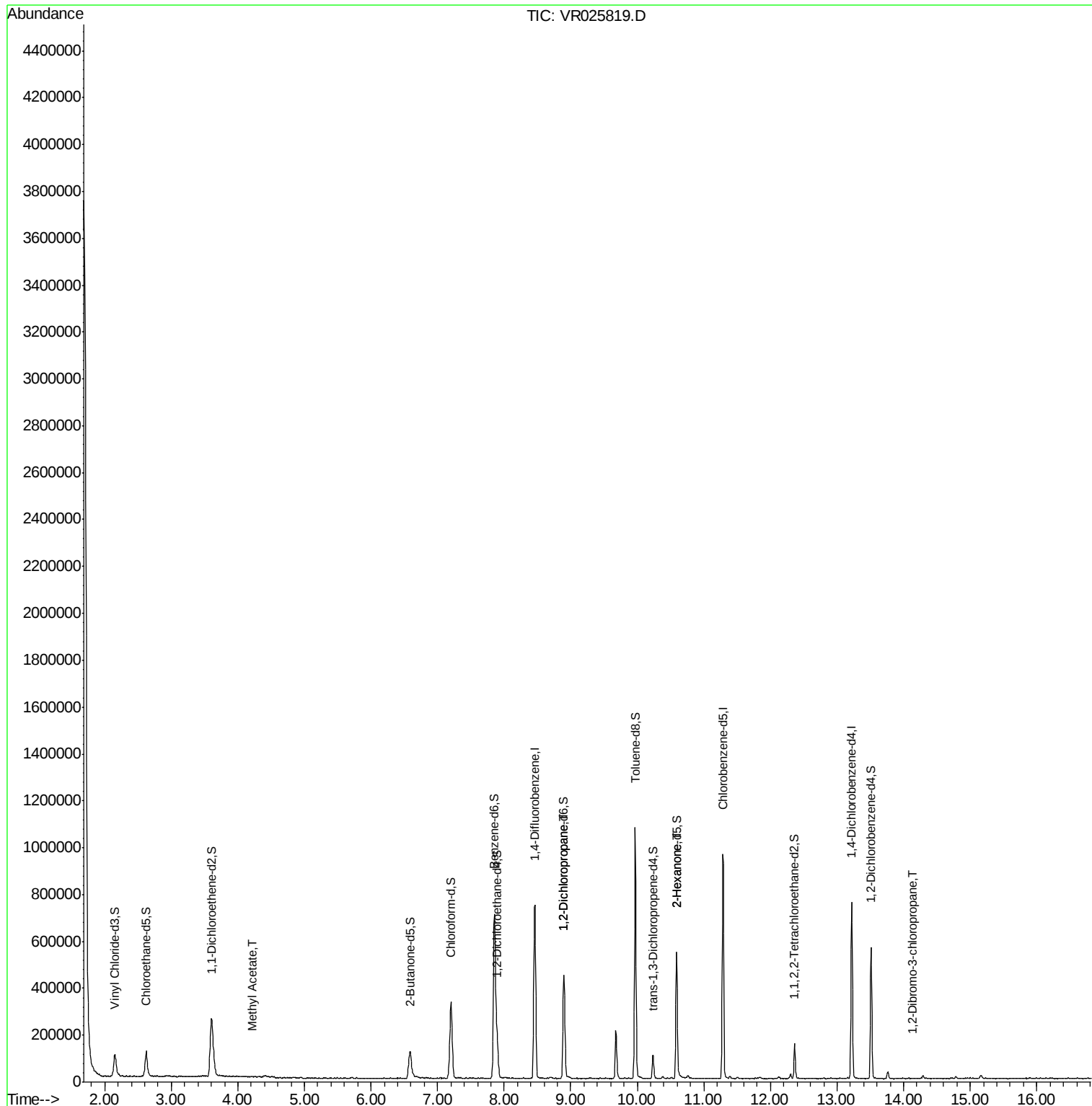
					Qvalue
15) Methyl Acetate	4.22	43	1885	0.178 ug/L #	56
37) 1,2-Dichloropropane	8.89	63	24142	0.513 ug/L #	92
48) 2-Hexanone	10.59	43	26306	2.441 ug/L #	72
66) 1,2-Dibromo-3-chloropropan	14.14	75	377	0.173 ug/L #	48

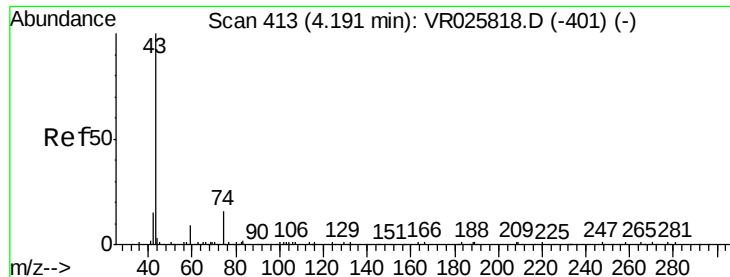
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#15

Methyl Acetate

Concen: 0.178 ug/L

RT: 4.22 min Scan# 417

Delta R.T. 0.02 min

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MSVOA_R

ClientSampleId :

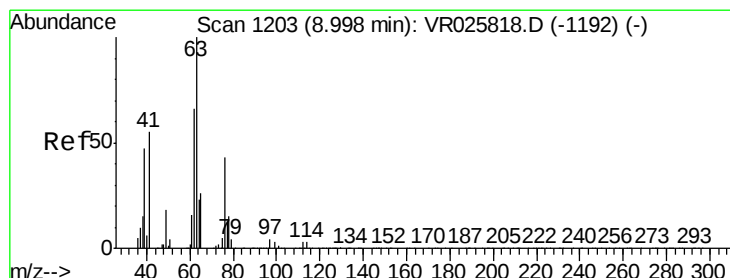
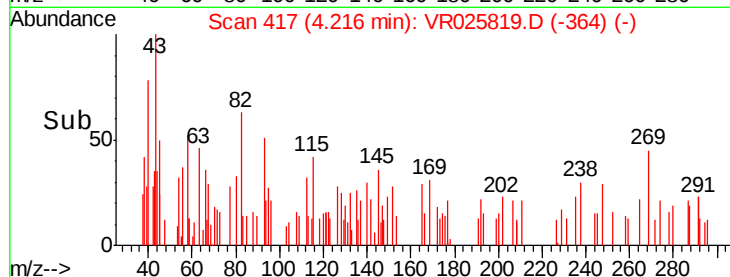
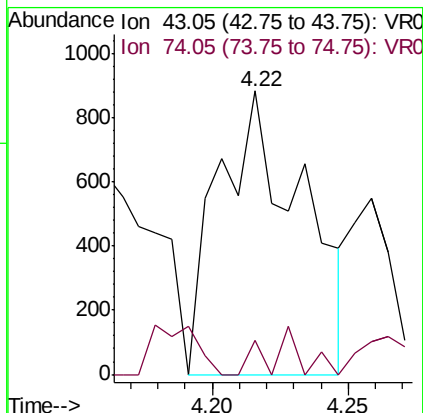
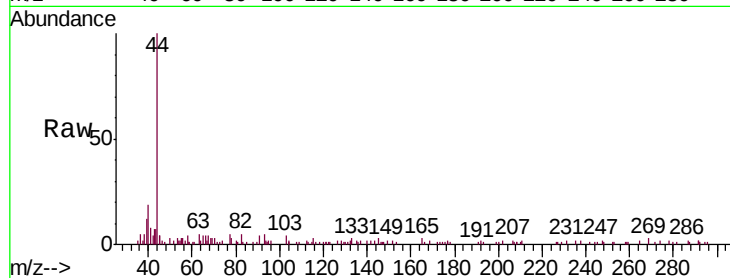
VBLK01

Tgt Ion: 43 Resp: 1885

Ion Ratio Lower Upper

43 100

74 2.0 19.0 28.4#



#37

1,2-Dichloropropane

Concen: 0.513 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

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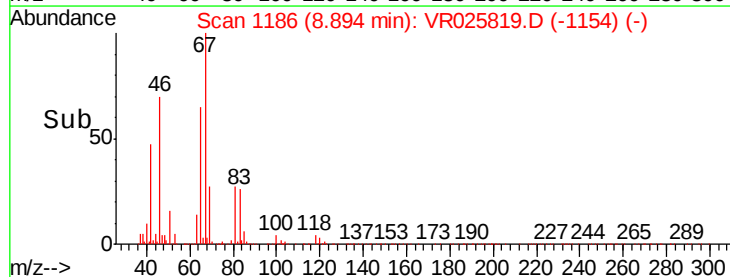
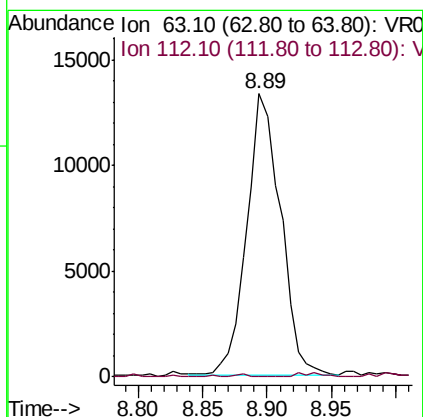
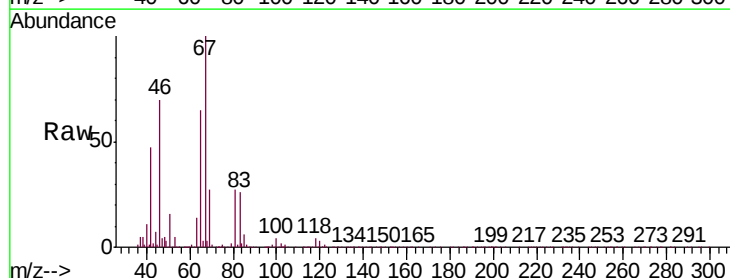
Acq: 24 Sep 2018 12:01

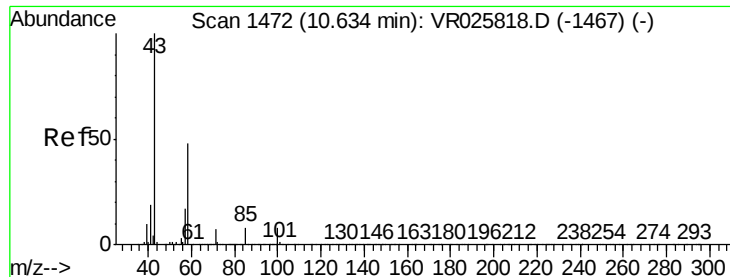
Tgt Ion: 63 Resp: 24142

Ion Ratio Lower Upper

63 100

112 0.5 2.5 3.7#





#48

2-Hexanone

Concen: 2.441 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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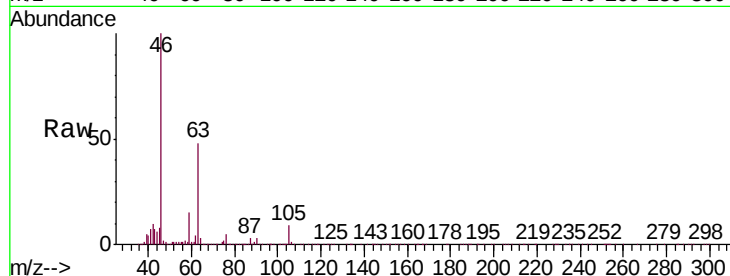
Instrument :

MSVOA_R

ClientSampleId :

VBLK01

Tgt Ion:	43	Resp:	26306
Ion	Ratio	Lower	Upper
43	100		
58	23.2	39.5	59.3#
57	19.7	14.6	21.8
100	1.0	6.7	10.1#

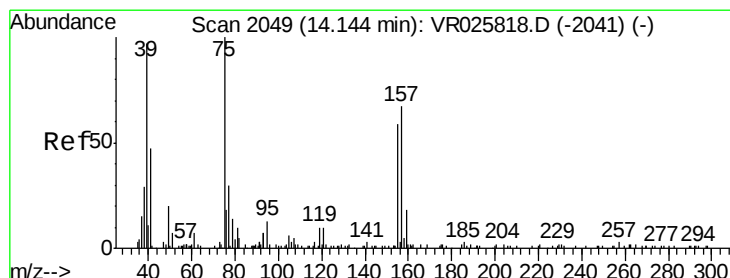
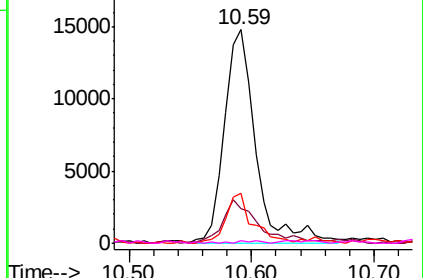
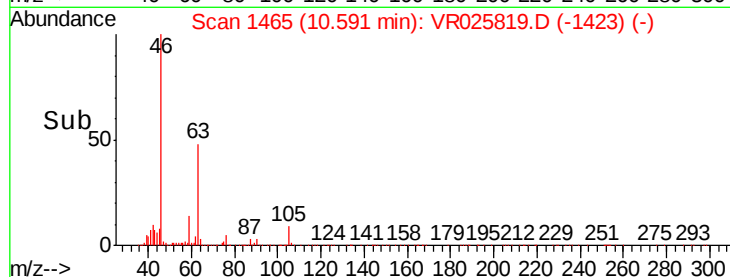


Abundance Ion 43.05 (42.75 to 43.75): VR0

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



#66

1,2-Dibromo-3-chloropropane

Concen: 0.173 ug/L

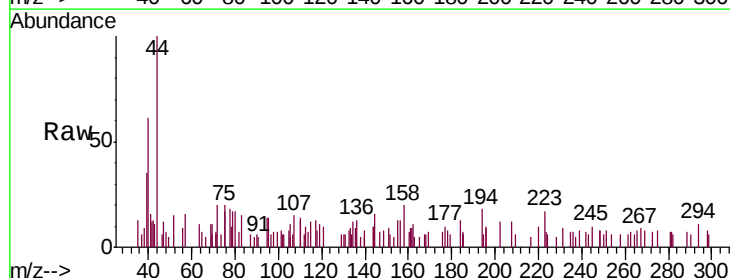
RT: 14.14 min Scan# 2049

Delta R.T. -0.00 min

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Tgt Ion:	75	Resp:	377
Ion	Ratio	Lower	Upper
75	100		
155	37.2	37.8	56.6#
157	0.0	49.7	74.5#



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 154.95 (154.65 to 155.65): V

Ion 156.90 (156.60 to 157.60): V

