

Data File : VR026022.D
Acq On : 10 Oct 2018 10:42
Operator : SY/MD
Sample : VR1010WBL01
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
VBLK81

Quant Time: Oct 11 04:14:06 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Oct 11 04:11:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	496856	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	415880	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	141863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	201479	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	2.63	69	168403	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	3.61	63	360650	3.92	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	78.40%
20) 2-Butanone-d5	6.59	46	184335	42.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.40%
24) Chloroform-d	7.20	84	290354	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
26) 1,2-Dichloroethane-d4	7.90	65	128167	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.40%
32) Benzene-d6	7.85	84	601617	4.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.00%
36) 1,2-Dichloropropane-d6	8.90	67	156753	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	9.97	98	558916	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.00%
43) trans-1,3-Dichloropropene-	10.23	79	37037	4.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.60%
46) 2-Hexanone-d5	10.59	63	134712	41.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	59758	3.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	95934	4.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.40%

Target Compounds

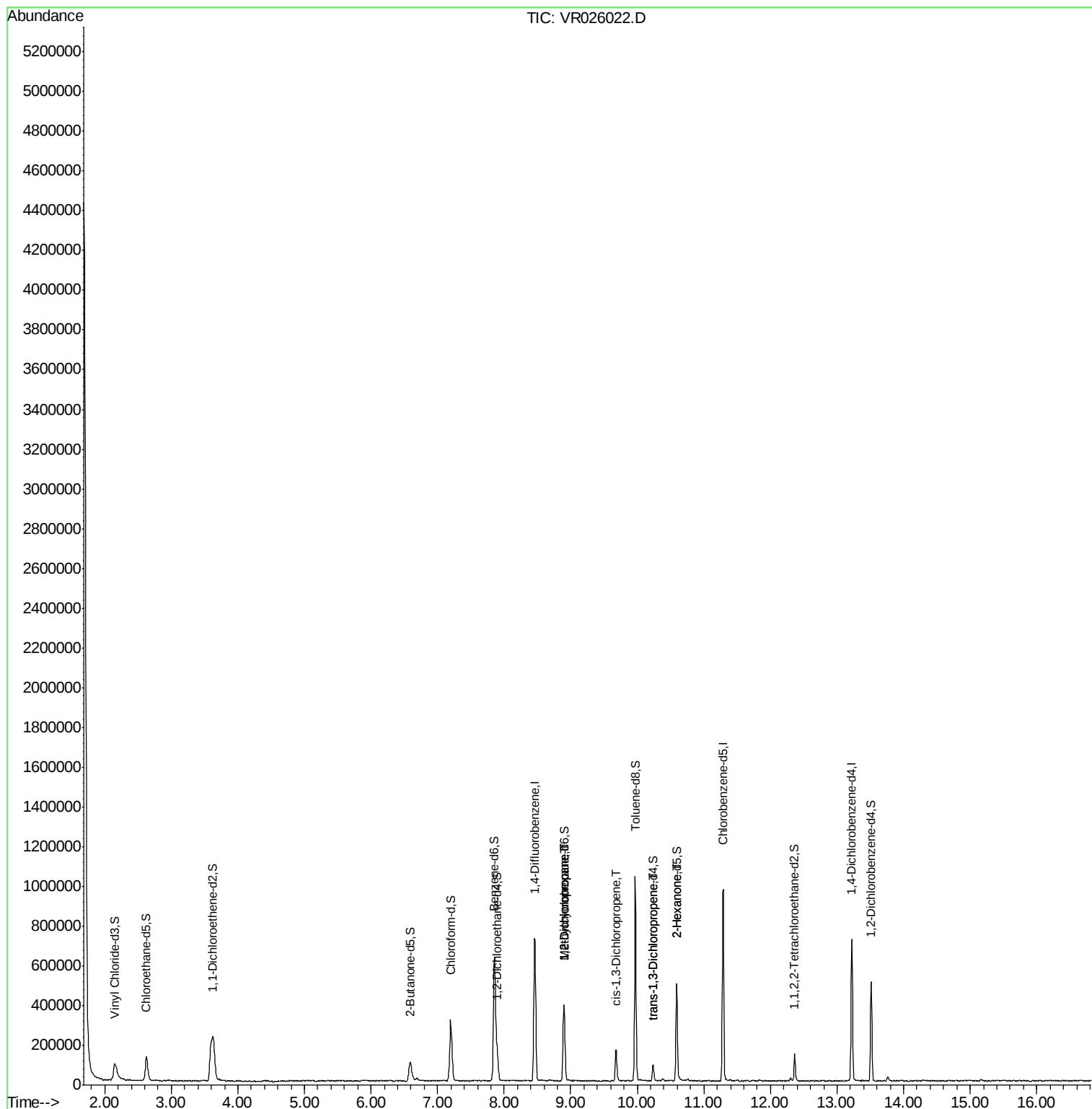
					Qvalue
35) Methylcyclohexane	8.90	83	38001	0.688 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	21114	0.706 ug/L #	95
39) cis-1,3-Dichloropropene	9.69	75	5817	0.173 ug/L	95
44) trans-1,3-Dichloropropene	10.24	75	2731	0.125 ug/L	84
48) 2-Hexanone	10.59	43	22329	3.241 ug/L #	68

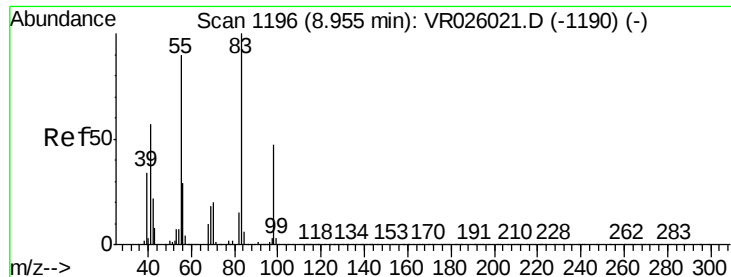
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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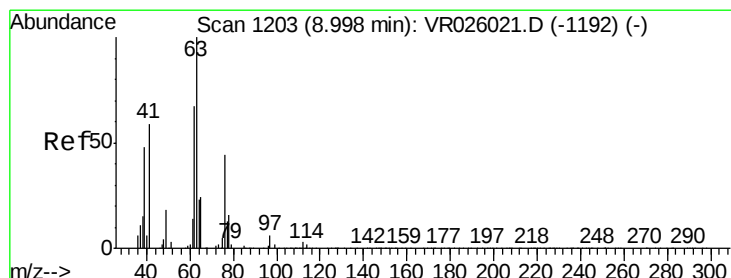
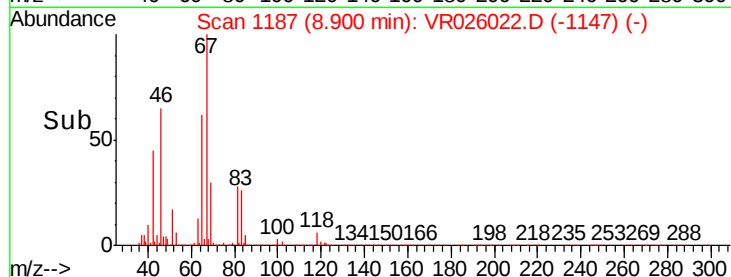
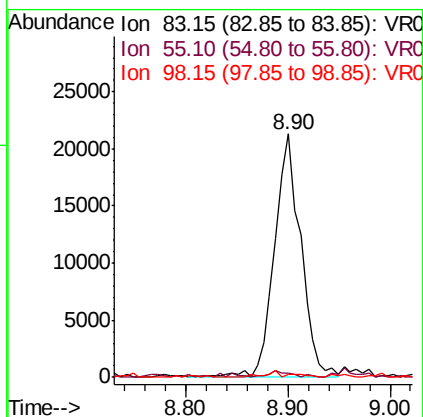
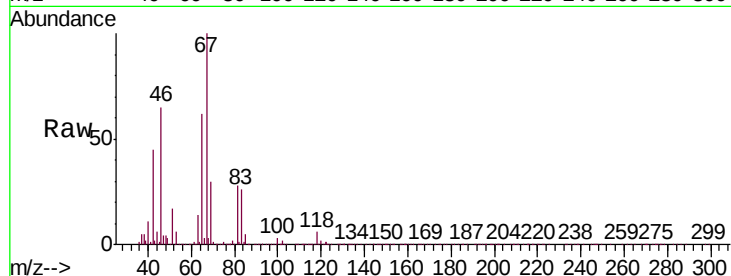




#35
Methylcyclohexane
Concen: 0.688 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
Lab File: VR026022.D
Acq: 10 Oct 2018 10:42

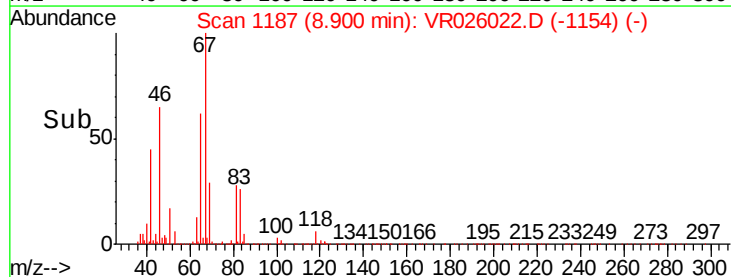
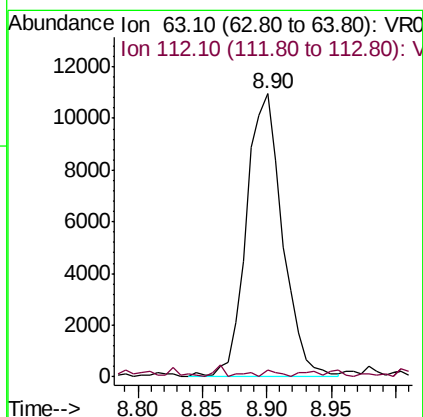
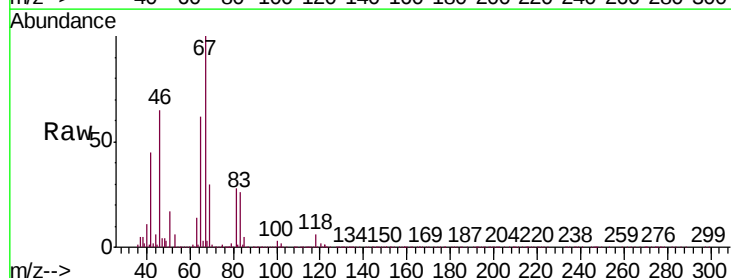
Instrument :
MSVOA_R
ClientSampleId :
VBLK81

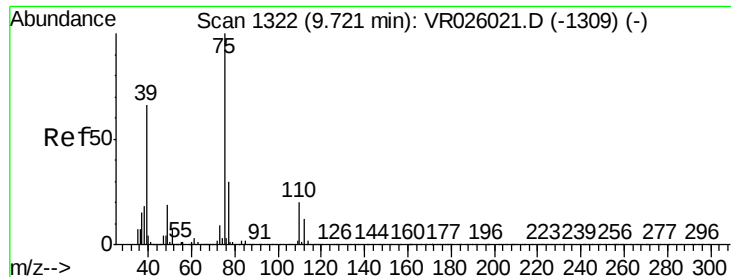
Tgt Ion: 83 Resp: 38001
Ion Ratio Lower Upper
83 100
55 1.9 71.8 107.6#
98 1.4 34.2 51.4#



#37
1,2-Dichloropropane
Concen: 0.706 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR026022.D
Acq: 10 Oct 2018 10:42

Tgt Ion: 63 Resp: 21114
Ion Ratio Lower Upper
63 100
112 1.4 2.5 3.7#





#39

cis-1,3-Dichloropropene

Concen: 0.173 ug/L

RT: 9.69 min Scan# 1316

Delta R.T. -0.04 min

Lab File: VR026022.D

Acq: 10 Oct 2018 10:42

Instrument :

MSVOA_R

ClientSampled :

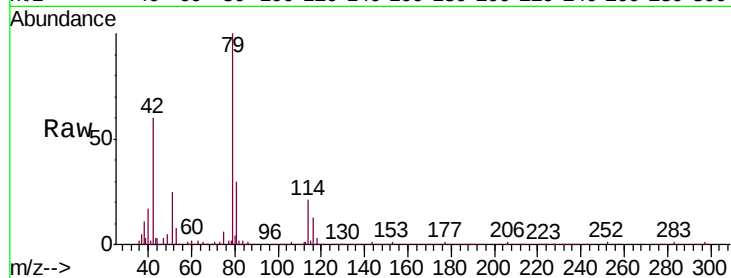
VBLK81

Tgt Ion: 75 Resp: 5817

Ion Ratio Lower Upper

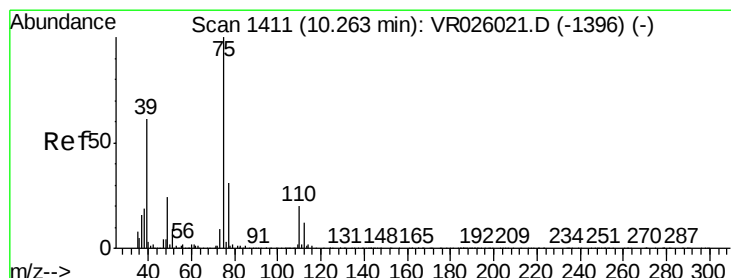
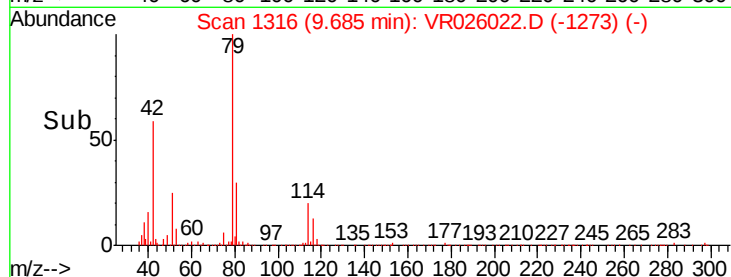
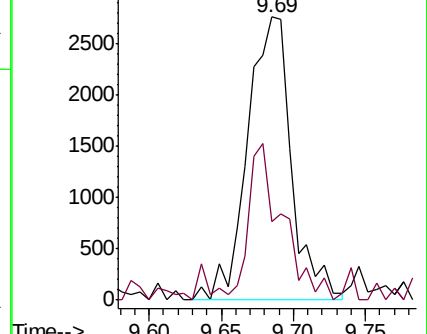
75 100

77 27.9 21.5 39.9



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0



#44

trans-1,3-Dichloropropene

Concen: 0.125 ug/L

RT: 10.24 min Scan# 1407

Delta R.T. -0.02 min

Lab File: VR026022.D

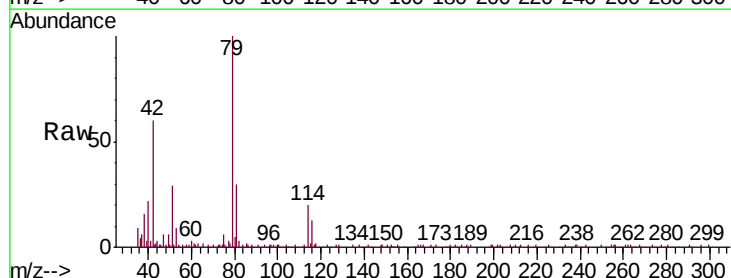
Acq: 10 Oct 2018 10:42

Tgt Ion: 75 Resp: 2731

Ion Ratio Lower Upper

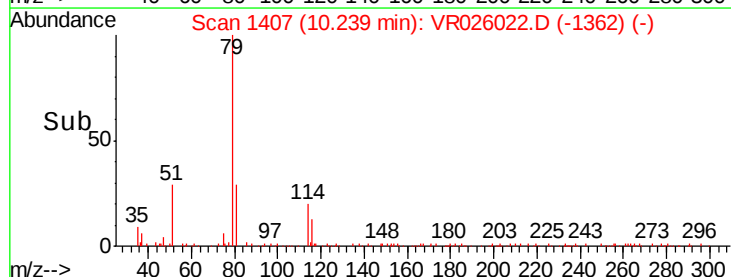
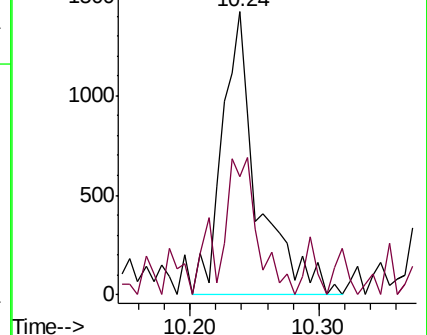
75 100

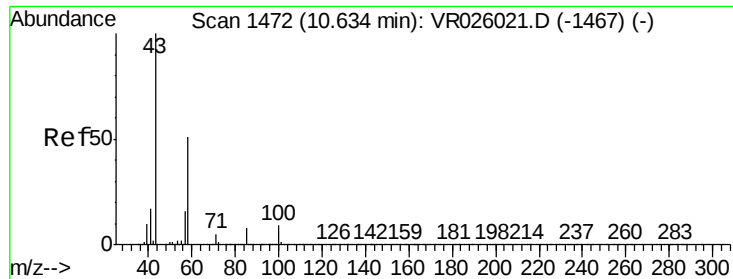
77 41.7 23.0 42.8



Abundance Ion 75.05 (74.75 to 75.75): VR0

Ion 77.05 (76.75 to 77.75): VR0





#48

2-Hexanone

Concen: 3.241 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Acq: 10 Oct 2018 10:42

Instrument :

MSVOA_R

ClientSampleId :

VBLK81

Tgt Ion: 43 Resp: 22329

Ion Ratio Lower Upper

43 100

58 23.2 39.5 59.3#

57 28.1 14.6 21.8#

100 4.0 6.7 10.1#

