

Data File : VR026518.D
Acq On : 9 Apr 2019 16:39
Operator : SY/MD
Sample : K2285-02
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZC0

Quant Time: Apr 10 05:45:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 10 05:42:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	661082	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	541675	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	161835	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	184796	3.68	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	2.62	69	164637	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	3.60	63	375093	2.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	57.80%#
20) 2-Butanone-d5	6.59	46	174352	38.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.86%
24) Chloroform-d	7.20	84	360489	3.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.60%
26) 1,2-Dichloroethane-d4	7.90	65	154230	3.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.80%
32) Benzene-d6	7.85	84	669116	3.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.00%
36) 1,2-Dichloropropane-d6	8.89	67	175684	3.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.40%
41) Toluene-d8	9.97	98	603516	3.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.80%
43) trans-1,3-Dichloropropene-	10.23	79	33477	2.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.40%
46) 2-Hexanone-d5	10.59	63	142798	44.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.56%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	68689	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	78.60%
64) 1,2-Dichlorobenzene-d4	13.52	152	118490	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

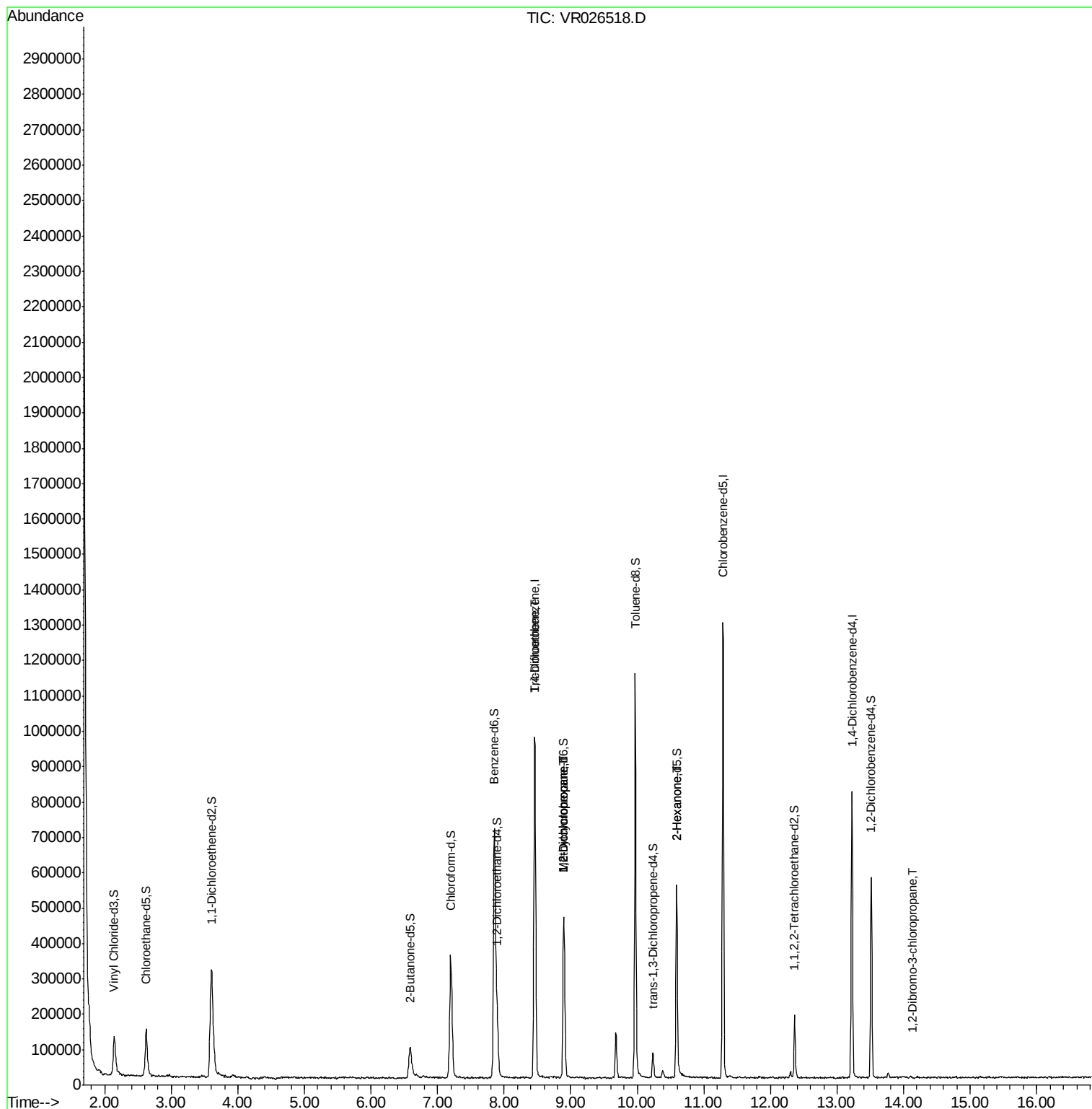
					Qvalue
34) Trichloroethene	8.46	95	23655	0.417 ug/L #	11
35) Methylcyclohexane	8.90	83	44545	0.551 ug/L #	16
37) 1,2-Dichloropropane	8.89	63	24182	0.521 ug/L #	95
48) 2-Hexanone	10.59	43	22429	2.481 ug/L #	73
66) 1,2-Dibromo-3-chloropropan	14.14	75	249	0.151 ug/L #	48

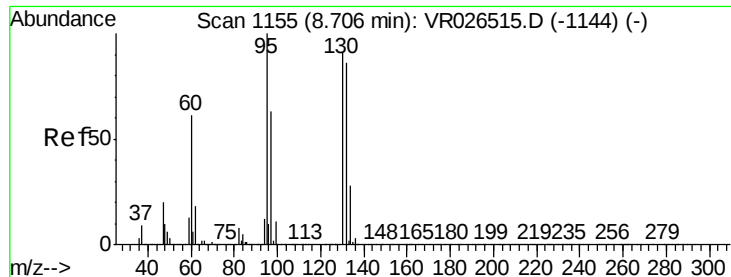
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.417 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Instrument :

MSVOA_R

ClientSampleId :

BEZC0

Tgt Ion: 95 Resp: 23655

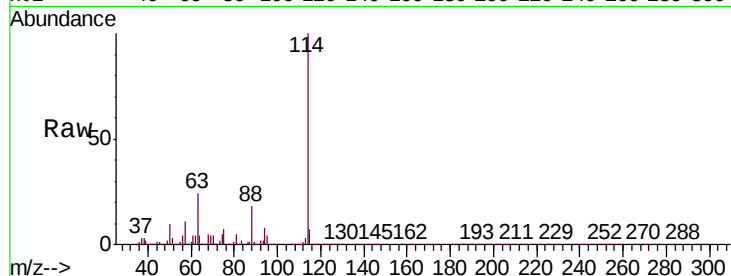
Ion Ratio Lower Upper

95 100

97 0.0 43.8 81.3#

132 0.7 57.2 106.2#

130 0.6 59.7 110.9#

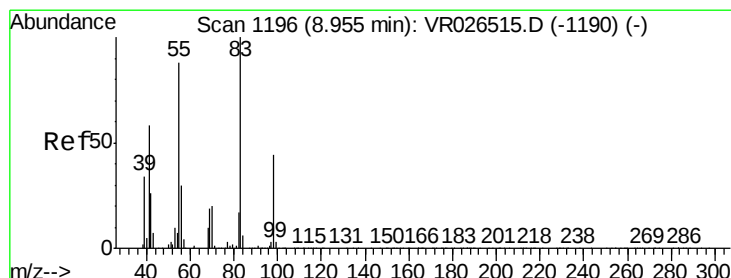
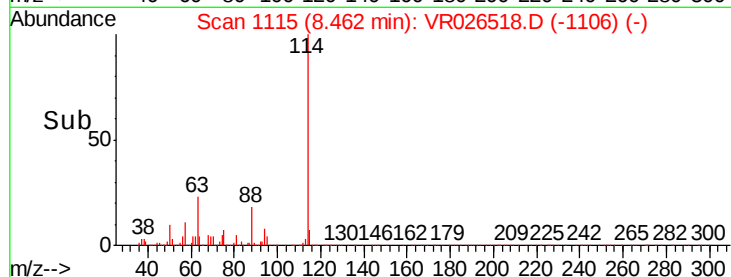
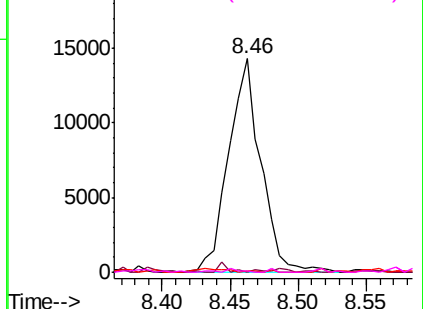


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): VR0

Ion 129.95 (129.65 to 130.65): VR0



#35

Methylcyclohexane

Concen: 0.551 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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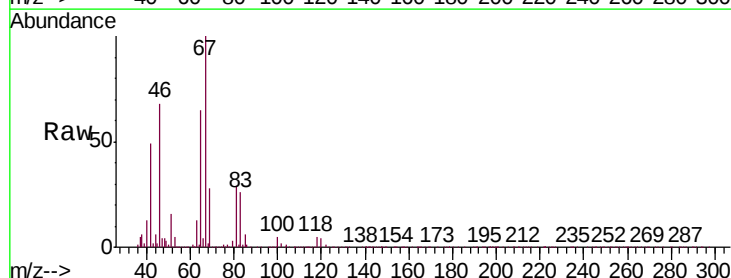
Tgt Ion: 83 Resp: 44545

Ion Ratio Lower Upper

83 100

55 2.5 73.8 110.6#

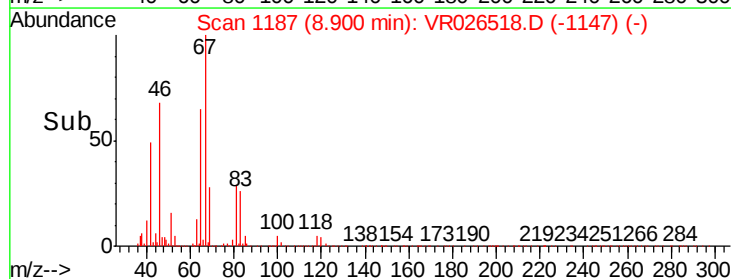
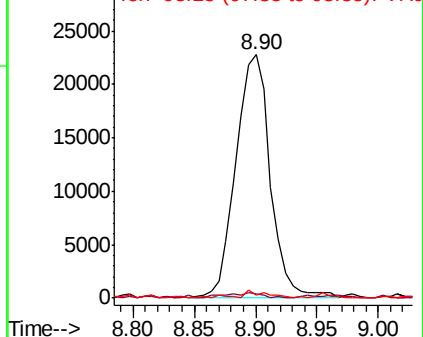
98 2.7 34.6 51.8#

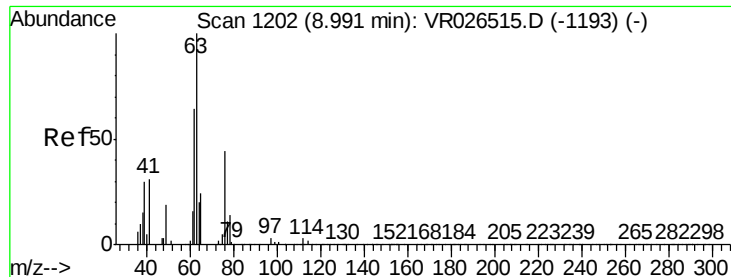


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

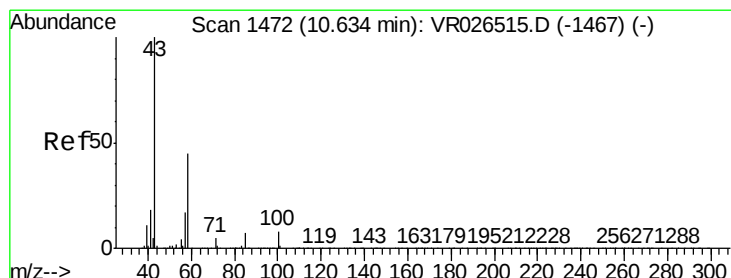
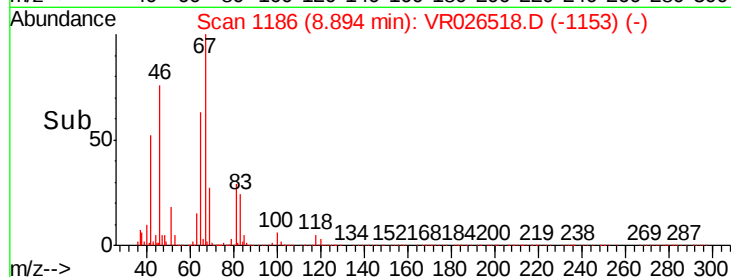
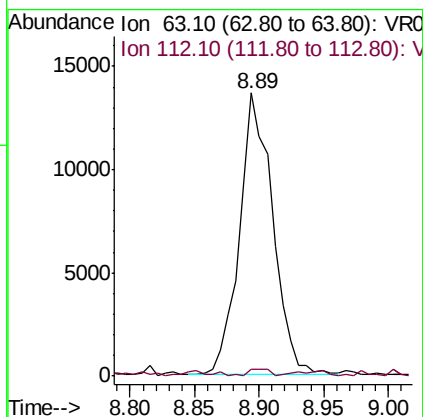
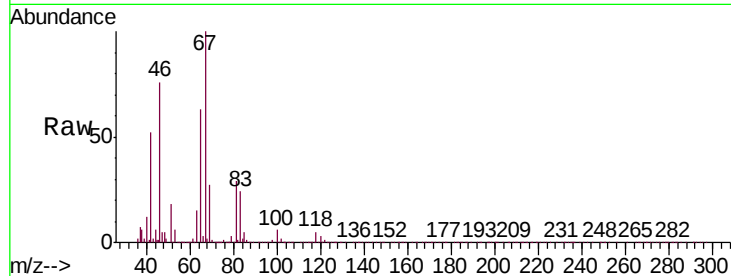




#37
 1,2-Dichloropropane
 Concen: 0.521 ug/L
 RT: 8.89 min Scan# 1186
 Delta R.T. -0.10 min
 Lab File: VR026518.D
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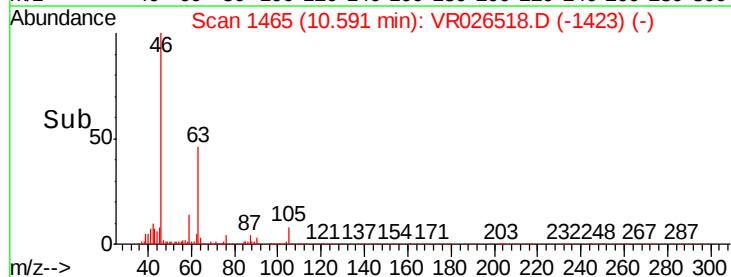
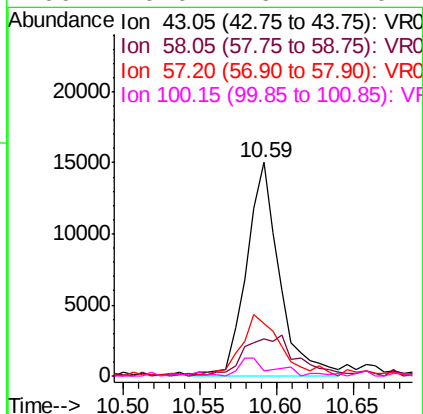
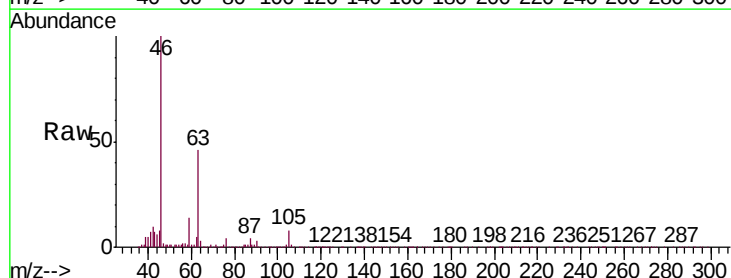
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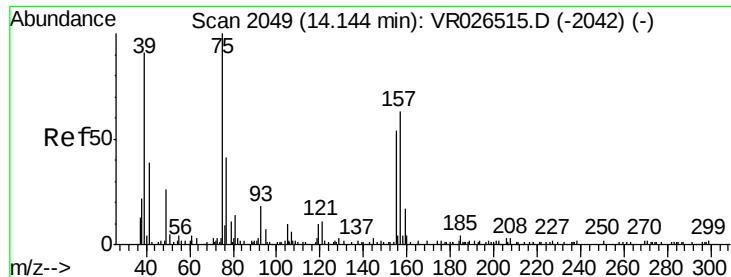
Tgt Ion: 63 Resp: 24182
 Ion Ratio Lower Upper
 63 100
 112 1.8 2.8 4.2#



#48
 2-Hexanone
 Concen: 2.481 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026518.D
 Acq: 9 Apr 2019 16:39

Tgt Ion: 43 Resp: 22429
 Ion Ratio Lower Upper
 43 100
 58 30.0 38.2 57.2#
 57 35.0 13.8 20.6#
 100 6.0 6.2 9.2#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.151 ug/L
 RT: 14.14 min Scan# 2048
 Delta R.T. -0.01 min
 Lab File: VR026518.D
 Acq: 9 Apr 2019 16:39

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZC0

Tgt Ion: 75 Resp: 249
 Ion Ratio Lower Upper
 75 100
 155 27.1 36.1 54.1#
 157 135.9 62.4 93.6#

