

Data File : VR026175.D
Acq On : 5 Nov 2018 12:30
Operator : SY/MD
Sample : J5802-09
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0BD5

Quant Time: Nov 06 03:21:57 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 06 03:06:52 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	574546	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	465983	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	139114	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	197595	3.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	78.60%
7) Chloroethane-d5	2.62	69	196599	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.00%
11) 1,1-Dichloroethene-d2	3.61	63	381403	3.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.80%
20) 2-Butanone-d5	6.59	46	225156	54.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.08%
24) Chloroform-d	7.20	84	385267	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
26) 1,2-Dichloroethane-d4	7.89	65	159168	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	7.85	84	721180	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.40%
36) 1,2-Dichloropropane-d6	8.89	67	202652	5.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.80%
41) Toluene-d8	9.97	98	632829	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.60%
43) trans-1,3-Dichloropropene-	10.24	79	32731	3.23	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.60%
46) 2-Hexanone-d5	10.59	63	169544	57.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	78203	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	121327	5.52	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.40%

Target Compounds

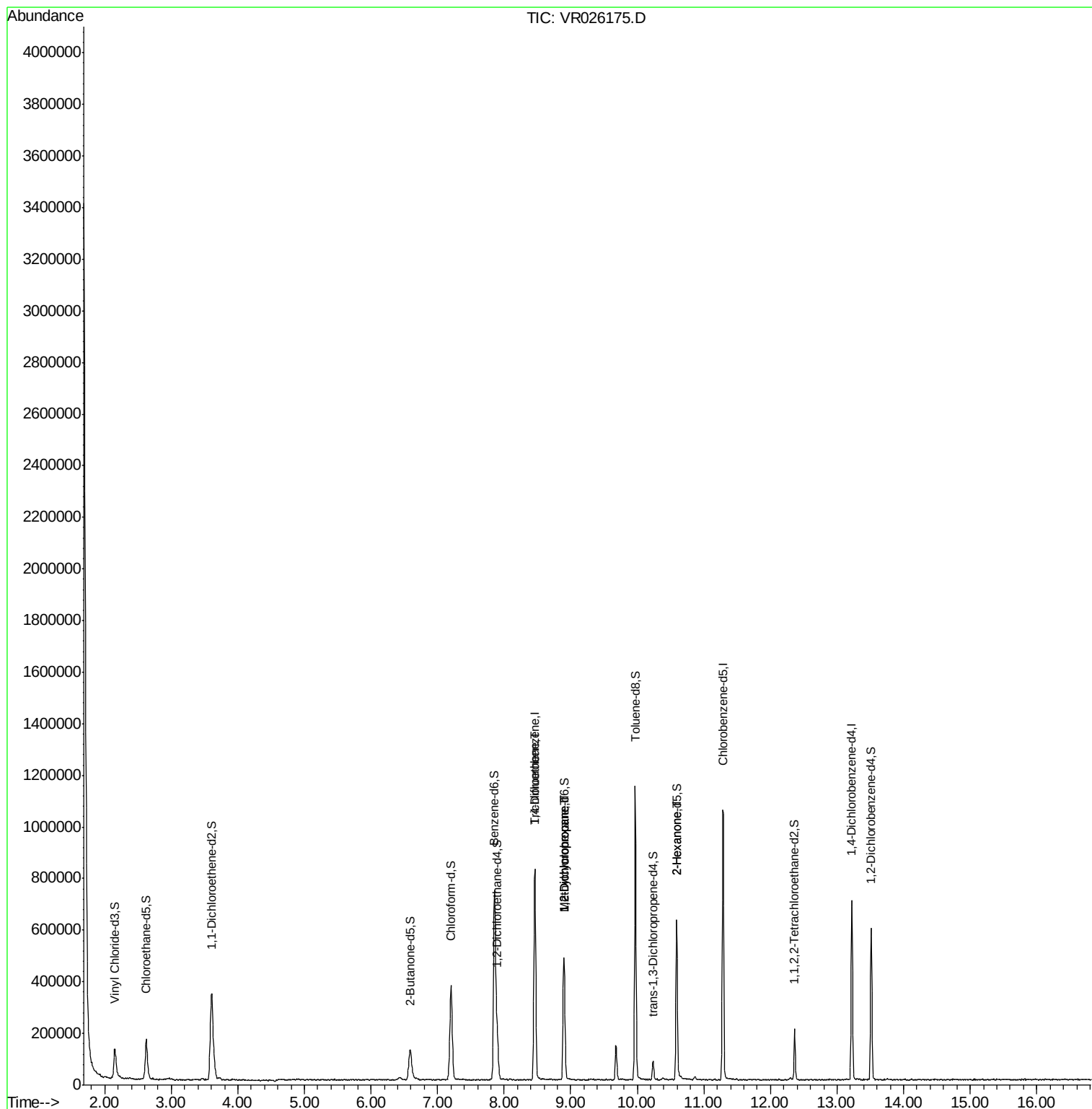
					Qvalue
34) Trichloroethene	8.46	95	19594	0.438 ug/L #	11
35) Methylcyclohexane	8.89	83	48884	0.734 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	27336	0.741 ug/L #	95
48) 2-Hexanone	10.59	43	26970	3.665 ug/L #	71

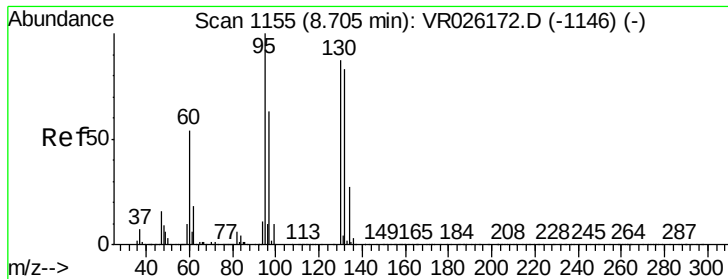
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.438 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Instrument :

MSVOA_R

ClientSampleId :

C0BD5

Tgt Ion: 95 Resp: 19594

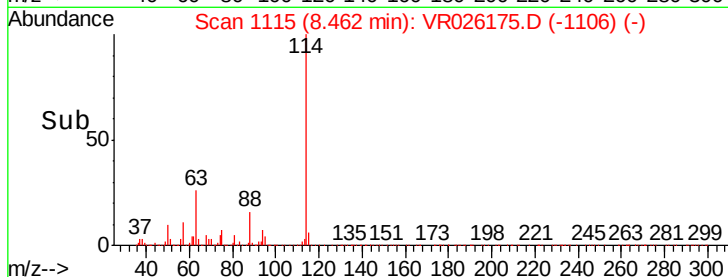
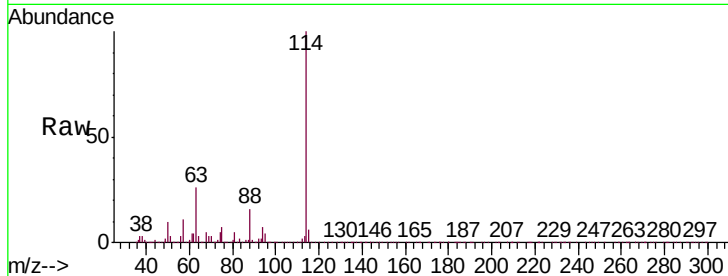
Ion Ratio Lower Upper

95 100

97 2.2 45.7 84.9#

132 0.8 58.3 108.3#

130 1.8 64.0 119.0#

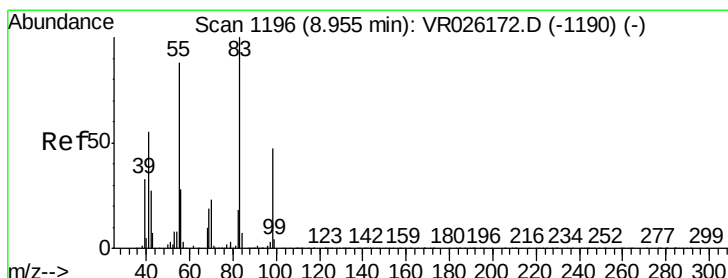
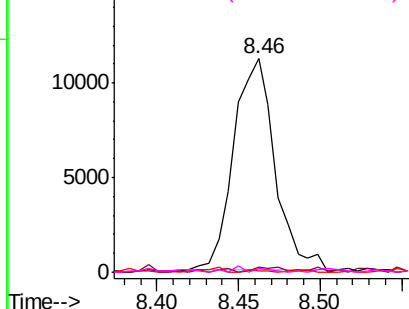


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.734 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.06 min

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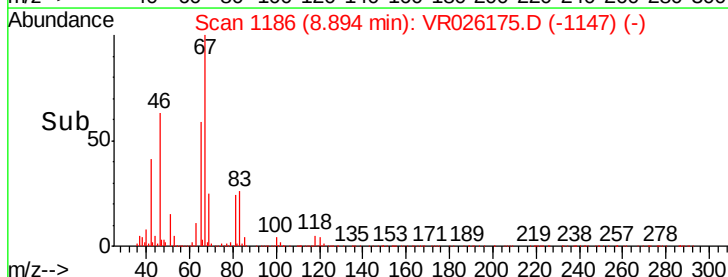
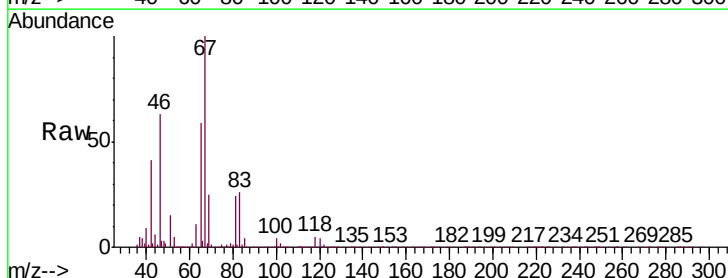
Tgt Ion: 83 Resp: 48884

Ion Ratio Lower Upper

83 100

55 1.0 66.8 100.2#

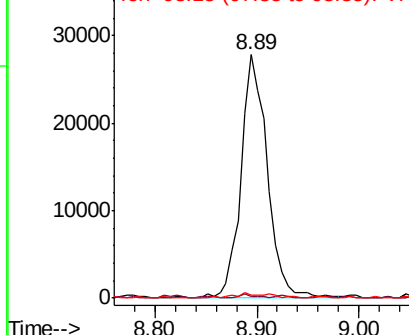
98 2.0 35.2 52.8#

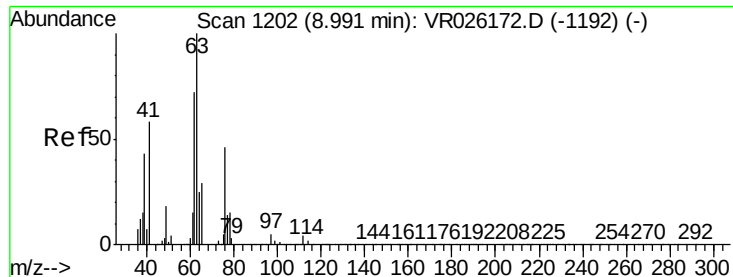


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

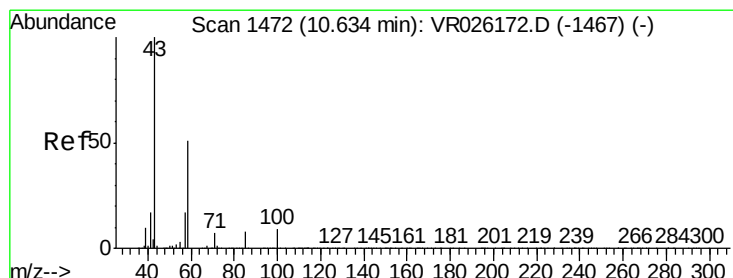
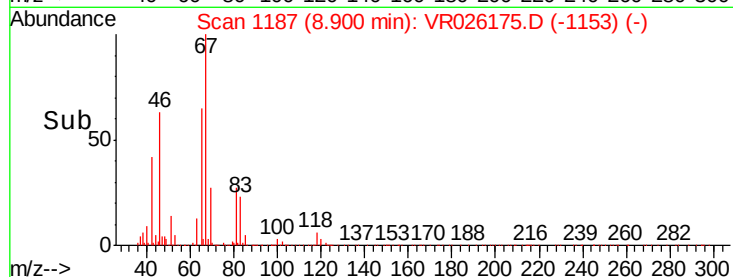
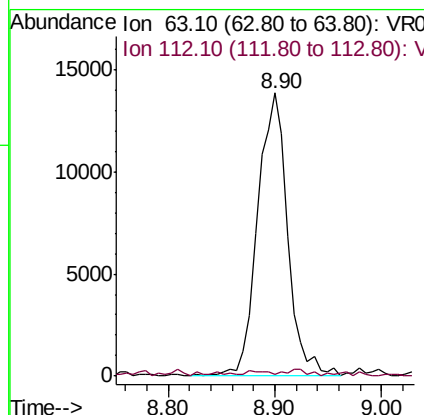
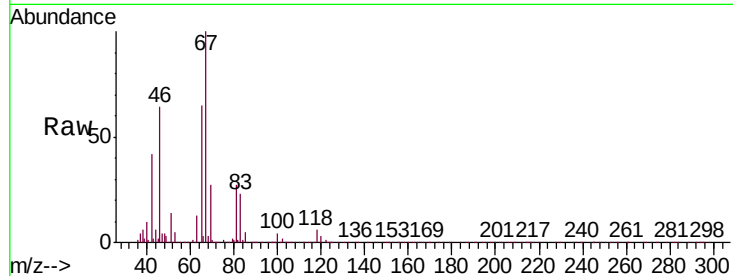




#37
 1,2-Dichloropropane
 Concen: 0.741 ug/L
 RT: 8.90 min Scan# 1187
 Delta R.T. -0.09 min
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Tgt Ion: 63 Resp: 27336
 Ion Ratio Lower Upper
 63 100
 112 1.7 2.7 4.1#



#48
 2-Hexanone
 Concen: 3.665 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026175.D
 Acq: 5 Nov 2018 12:30

Tgt Ion: 43 Resp: 26970
 Ion Ratio Lower Upper
 43 100
 58 27.4 39.6 59.4#
 57 29.6 14.0 21.0#
 100 4.9 7.0 10.6#

