

Data File : VR026467.D
Acq On : 5 Apr 2019 16:55
Operator : SY/MD
Sample : K2282-04
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BEZ02

Quant Time: Apr 06 06:00:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Apr 06 05:54:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	471802	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	399576	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	115491	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	150328	4.19	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.80%
7) Chloroethane-d5	2.62	69	142403	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	3.60	63	309957	3.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.80%
20) 2-Butanone-d5	6.58	46	143728	44.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.94%
24) Chloroform-d	7.20	84	297298	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	7.89	65	126196	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	7.85	84	522509	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.60%
36) 1,2-Dichloropropane-d6	8.89	67	143735	4.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.00%
41) Toluene-d8	9.97	98	458748	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	10.23	79	25440	2.90	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	58.00%
46) 2-Hexanone-d5	10.59	63	107110	45.53	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.06%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	51636	4.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	80.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	89719	5.13	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.60%

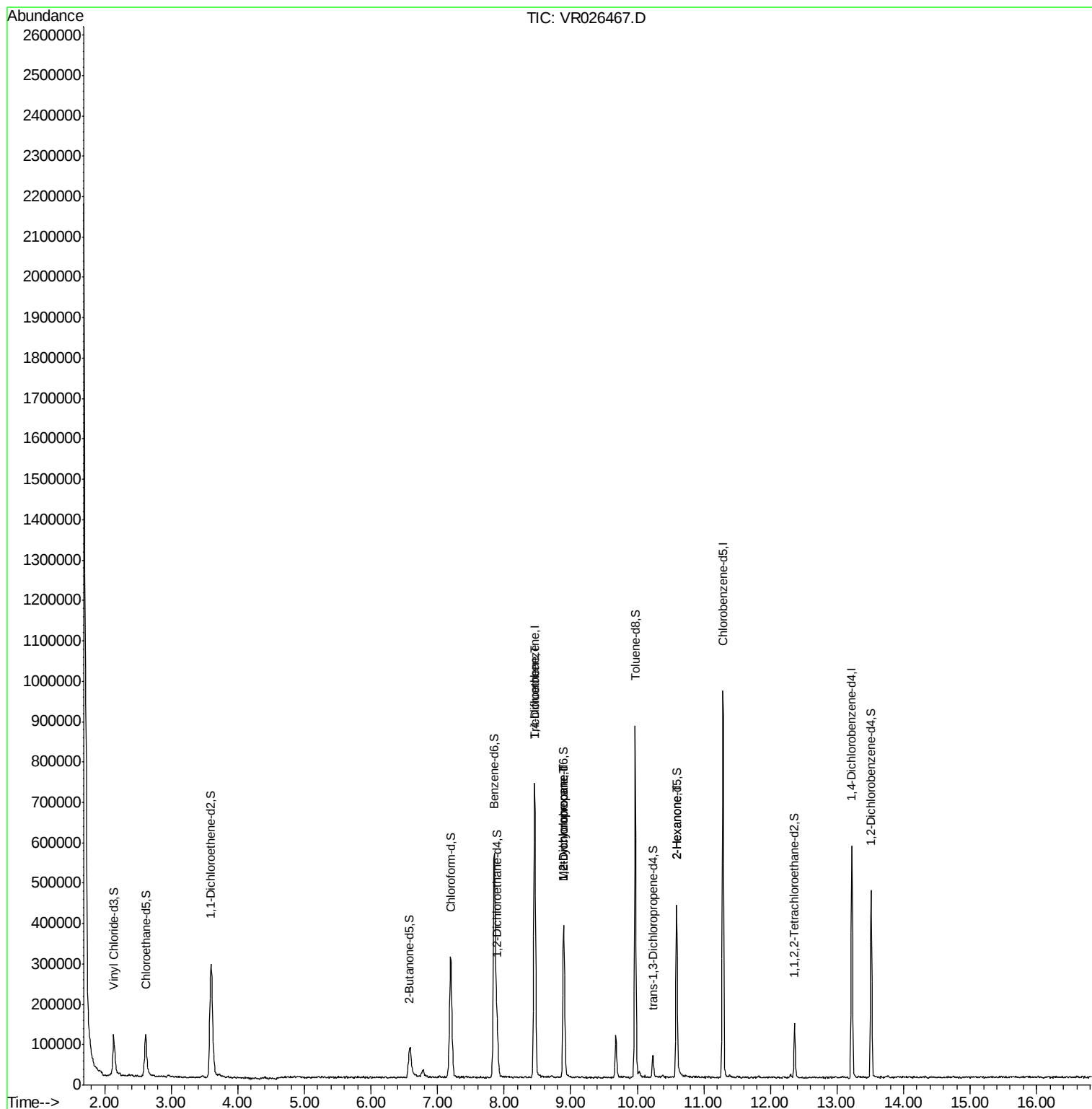
Target Compounds					Qvalue
34) Trichloroethene	8.46	95	16480	0.394 ug/L #	12
35) Methylcyclohexane	8.89	83	35323	0.592 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	19424	0.568 ug/L #	94
48) 2-Hexanone	10.59	43	19002	2.849 ug/L #	72

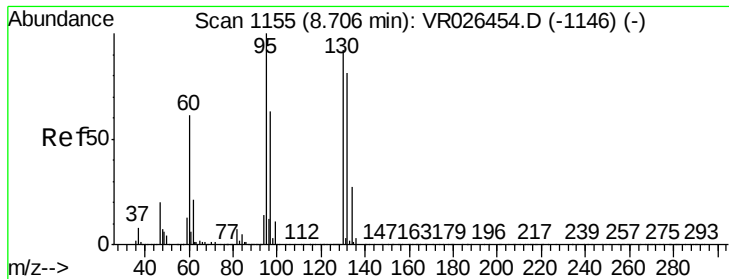
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.394 ug/L

RT: 8.46 min Scan# 1115

Delta R.T. -0.24 min

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Instrument :

MSVOA_R

ClientSampleId :

BEZ02

Tgt Ion: 95 Resp: 16480

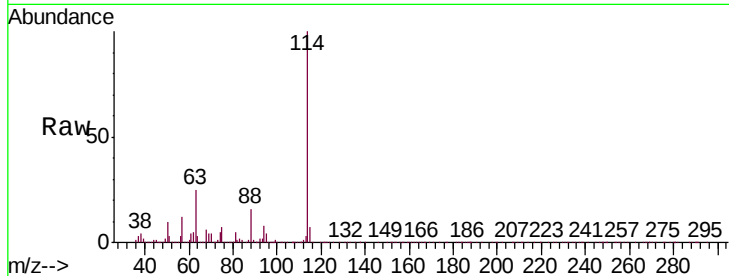
Ion Ratio Lower Upper

95 100

97 0.7 43.8 81.3#

132 0.6 57.2 106.2#

130 1.1 59.7 110.9#

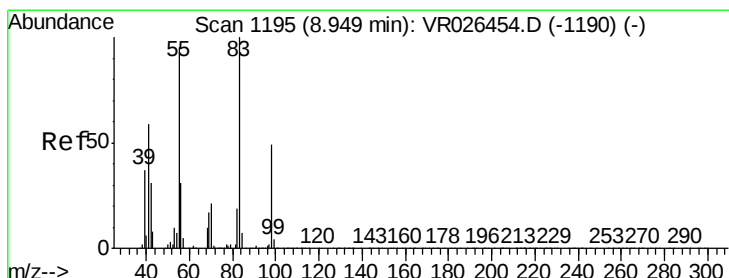
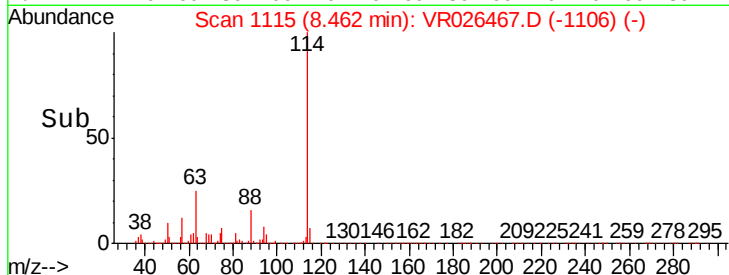
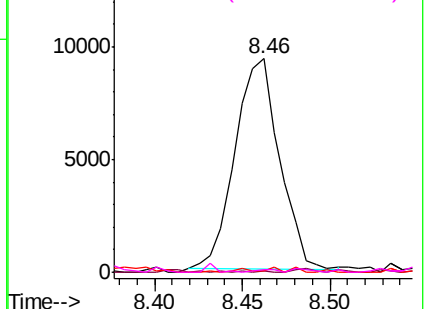


Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.592 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.05 min

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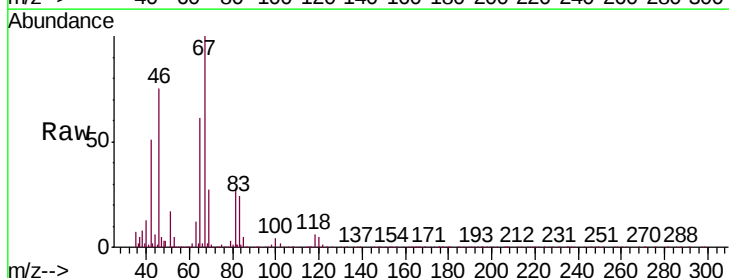
Tgt Ion: 83 Resp: 35323

Ion Ratio Lower Upper

83 100

55 1.1 73.8 110.6#

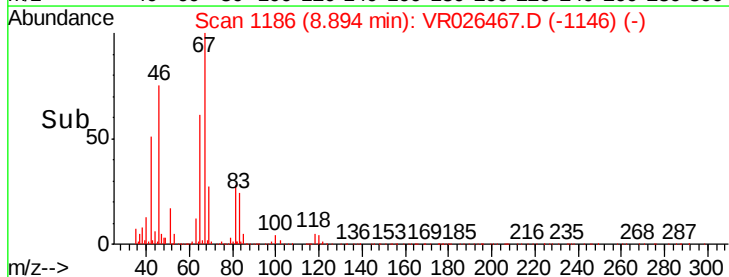
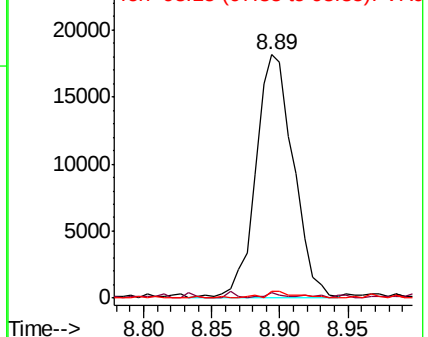
98 2.2 34.6 51.8#

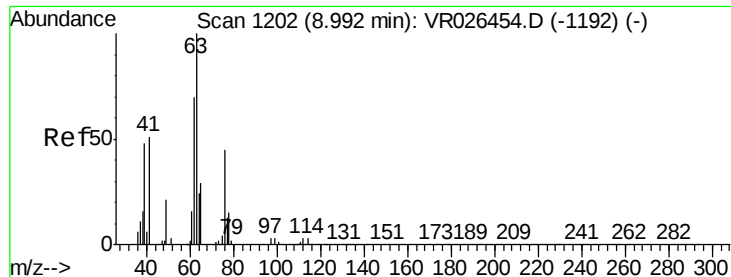


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

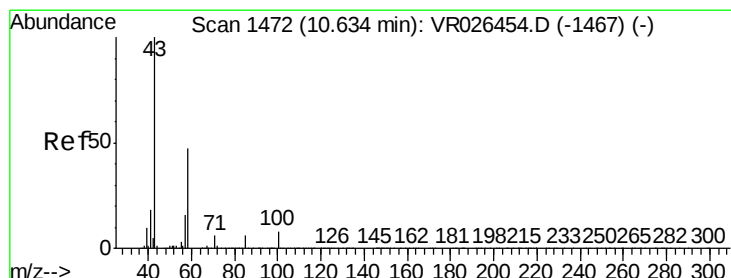
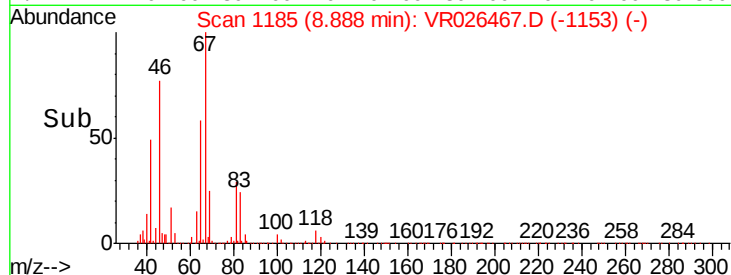
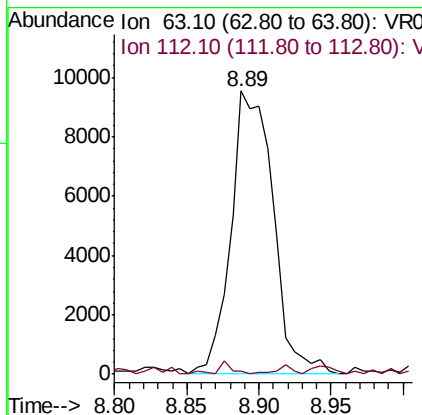
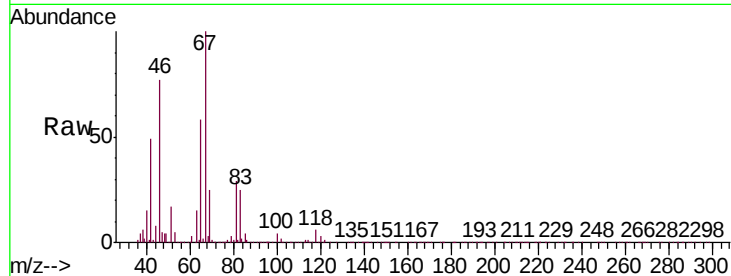




#37
 1,2-Dichloropropane
 Concen: 0.568 ug/L
 RT: 8.89 min Scan# 1185
 Delta R.T. -0.10 min
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 MSVOA_R
 ClientSampled :
 BEZ02

Tgt Ion: 63 Resp: 19424
 Ion Ratio Lower Upper
 63 100
 112 1.5 2.8 4.2#



#48
 2-Hexanone
 Concen: 2.849 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026467.D
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Tgt Ion: 43 Resp: 19002
 Ion Ratio Lower Upper
 43 100
 58 27.4 38.2 57.2#
 57 32.0 13.8 20.6#
 100 8.2 6.2 9.2

