

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR040919\
 Data File : VR026554.D
 Acq On : 10 Apr 2019 16:11
 Operator : SY/MD
 Sample : K2289-12
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 BEZJ2

Quant Time: Apr 11 04:22:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR040319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 11 04:17:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	523885	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	426735	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	121753	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	178858	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	2.62	69	161587	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.40%
11) 1,1-Dichloroethene-d2	3.60	63	362574	3.52	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.40%
20) 2-Butanone-d5	6.59	46	162463	45.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.56%
24) Chloroform-d	7.20	84	349986	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	7.89	65	147172	4.63	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
32) Benzene-d6	7.85	84	628224	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.00%
36) 1,2-Dichloropropane-d6	8.89	67	169078	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	567015	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	10.23	79	36342	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	10.59	63	128017	50.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	64183	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	13.51	152	112646	6.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.20%#

Target Compounds

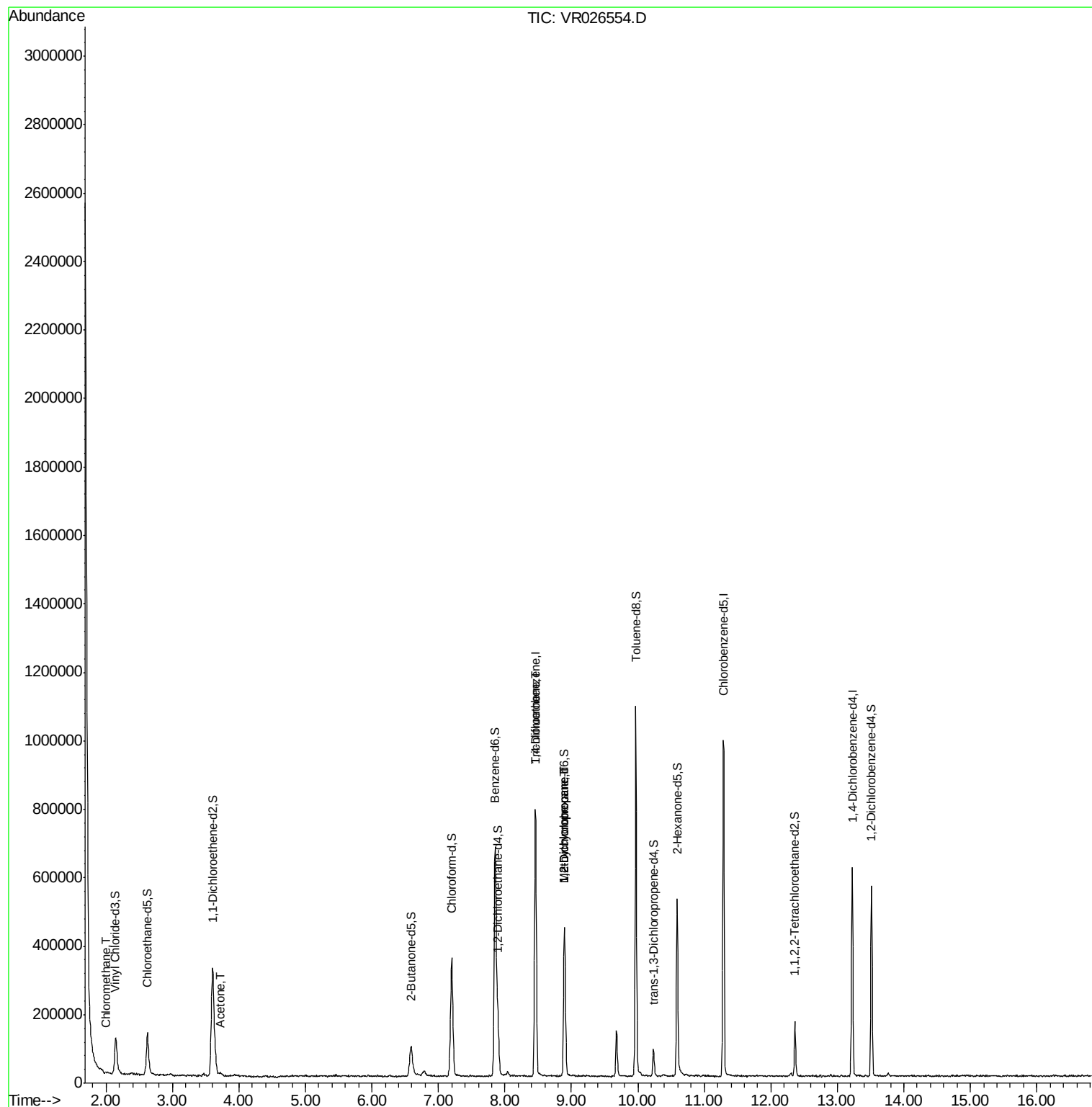
					Ovalue
3) Chloromethane	2.00	50	6445	0.114 ug/L #	79
13) Acetone	3.71	43	8733	2.435 ug/L	91
34) Trichloroethene	8.46	95	18902	0.423 ug/L #	13
35) Methylcyclohexane	8.90	83	41438	0.650 ug/L #	15
37) 1,2-Dichloropropane	8.89	63	23864	0.653 ug/L #	90

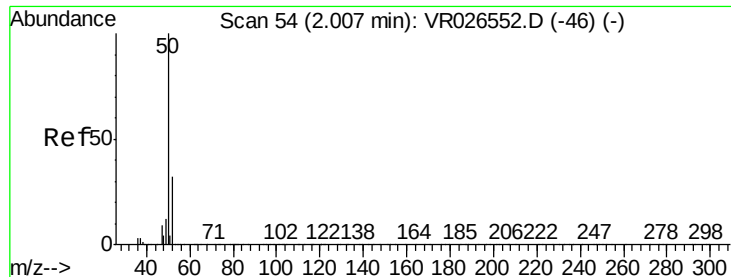
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.114 ug/L

RT: 2.00 min Scan# 53

Delta R.T. -0.01 min

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Acq: 10 Apr 2019 16:11

Instrument :

MSVOA_R

ClientSampleId :

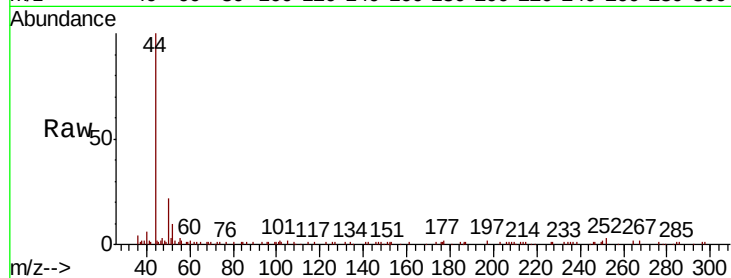
BEZJ2

Tot Ion: 50 Resp: 6445

Ion Ratio Lower Upper

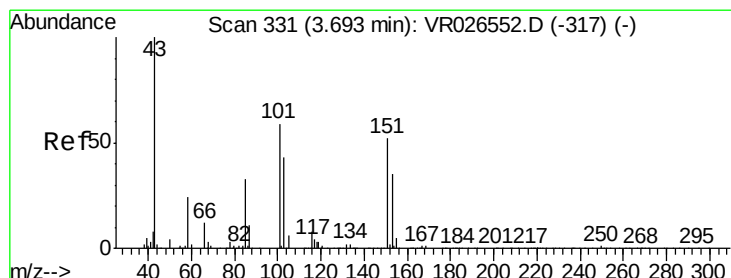
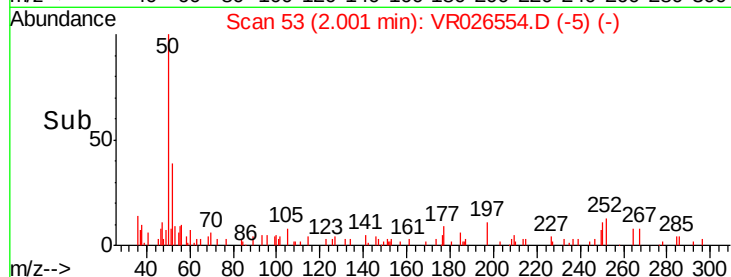
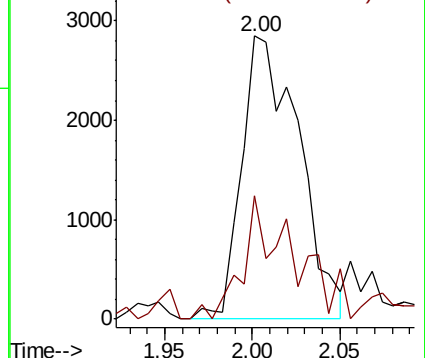
50 100

52 43.7 22.5 41.9#



Abundance Ion 50.05 (49.75 to 50.75): VR0

Ion 52.05 (51.75 to 52.75): VR0



#13

Acetone

Concen: 2.435 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.02 min

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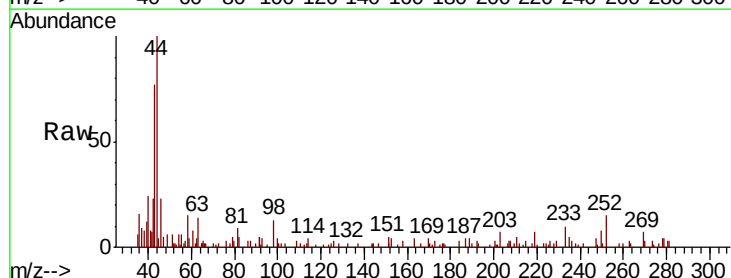
Acq: 10 Apr 2019 16:11

Tgt Ion: 43 Resp: 8733

Ion Ratio Lower Upper

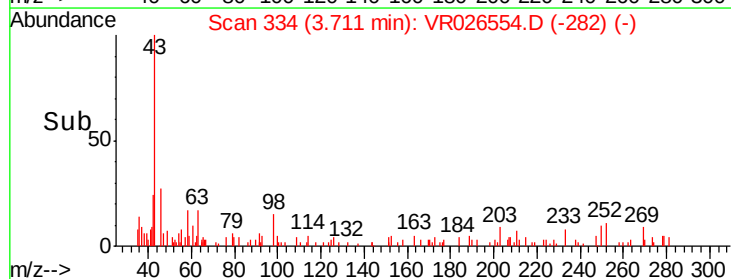
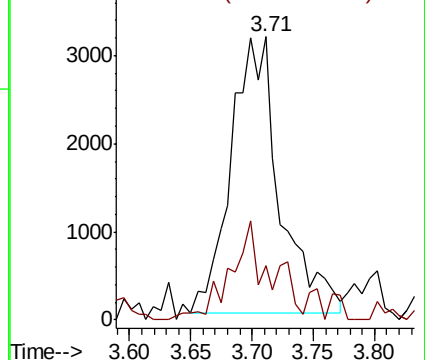
43 100

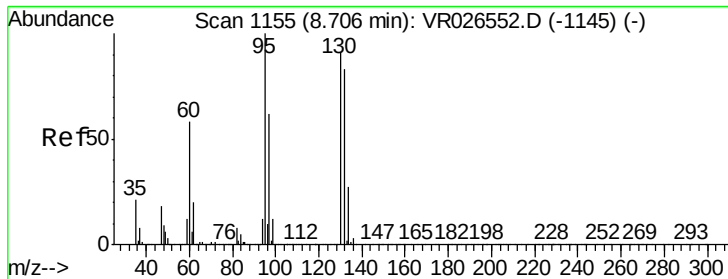
58 22.4 0.0 53.8



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0





#34

Trichloroethene

Concen: 0.423 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.25 min

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Instrument :

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ClientSampleId :

BEZJ2

Tot Ion: 95 Resp: 18902

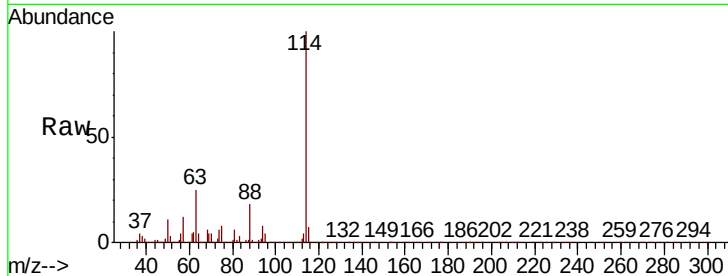
Ion Ratio Lower Upper

95 100

97 2.8 43.8 81.3#

132 1.6 57.2 106.2#

130 0.9 59.7 110.9#

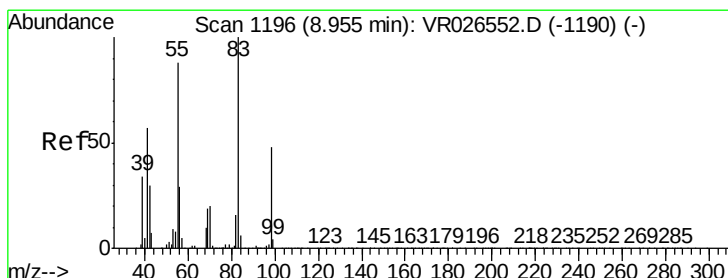
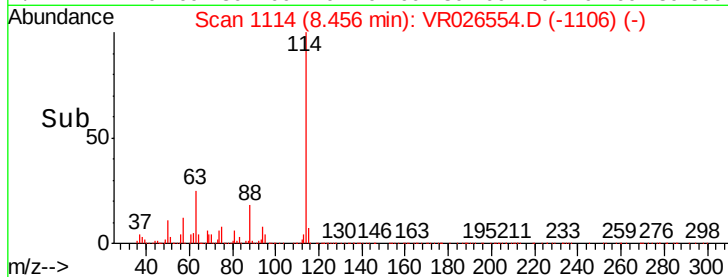
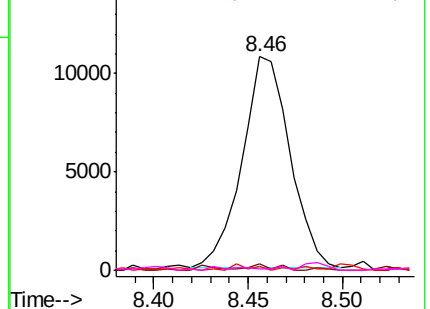


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.650 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR026554.D

Acq: 10 Apr 2019 16:11

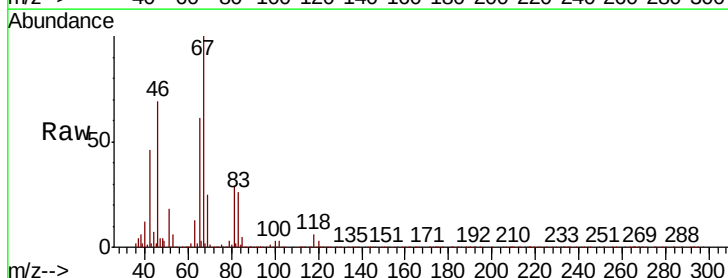
Tgt Ion: 83 Resp: 41438

Ion Ratio Lower Upper

83 100

55 1.2 73.8 110.6#

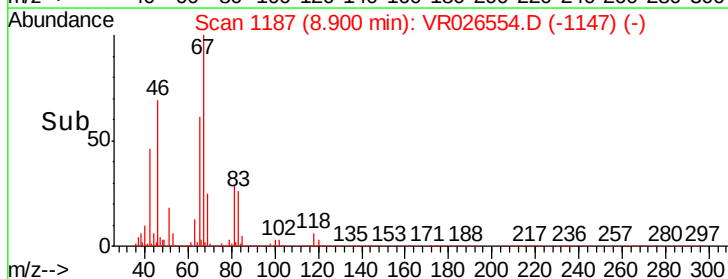
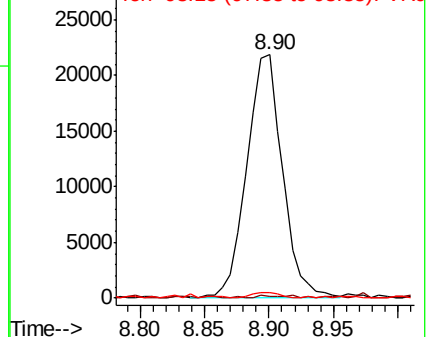
98 1.9 34.6 51.8#

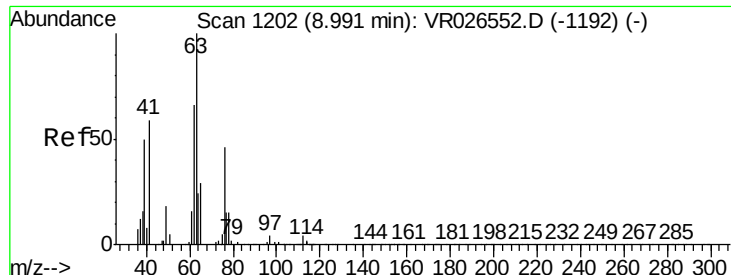


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.653 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

Lab File: VR026554.D

Acq: 10 Apr 2019 16:11

Instrument :

MSVOA_R

ClientSampleId :

BEZJ2

Tot Ion: 63 Resp: 23864

Ion Ratio Lower Upper

63 100

112 0.2 2.8 4.2#

