

Data File : VR025791.D
Acq On : 21 Sep 2018 1:25
Operator : SY/MD
Sample : J5010-03
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
C0T09

Quant Time: Sep 21 07:44:45 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092018WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Sep 21 07:37:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	511840	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.28	117	413654	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	148928	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	106011	4.85	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.00%
7) Chloroethane-d5	2.62	69	93779	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	3.60	63	161274	2.67	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	53.40%#
20) 2-Butanone-d5	6.58	46	222556	56.71	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.42%
24) Chloroform-d	7.20	84	275358	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	7.90	65	126806	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	7.85	84	485116	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	8.89	67	150303	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	378709	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	10.23	79	37265	3.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.80%
46) 2-Hexanone-d5	10.59	63	180914	50.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.90%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	69046	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	90521	4.57	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.40%

Target Compounds

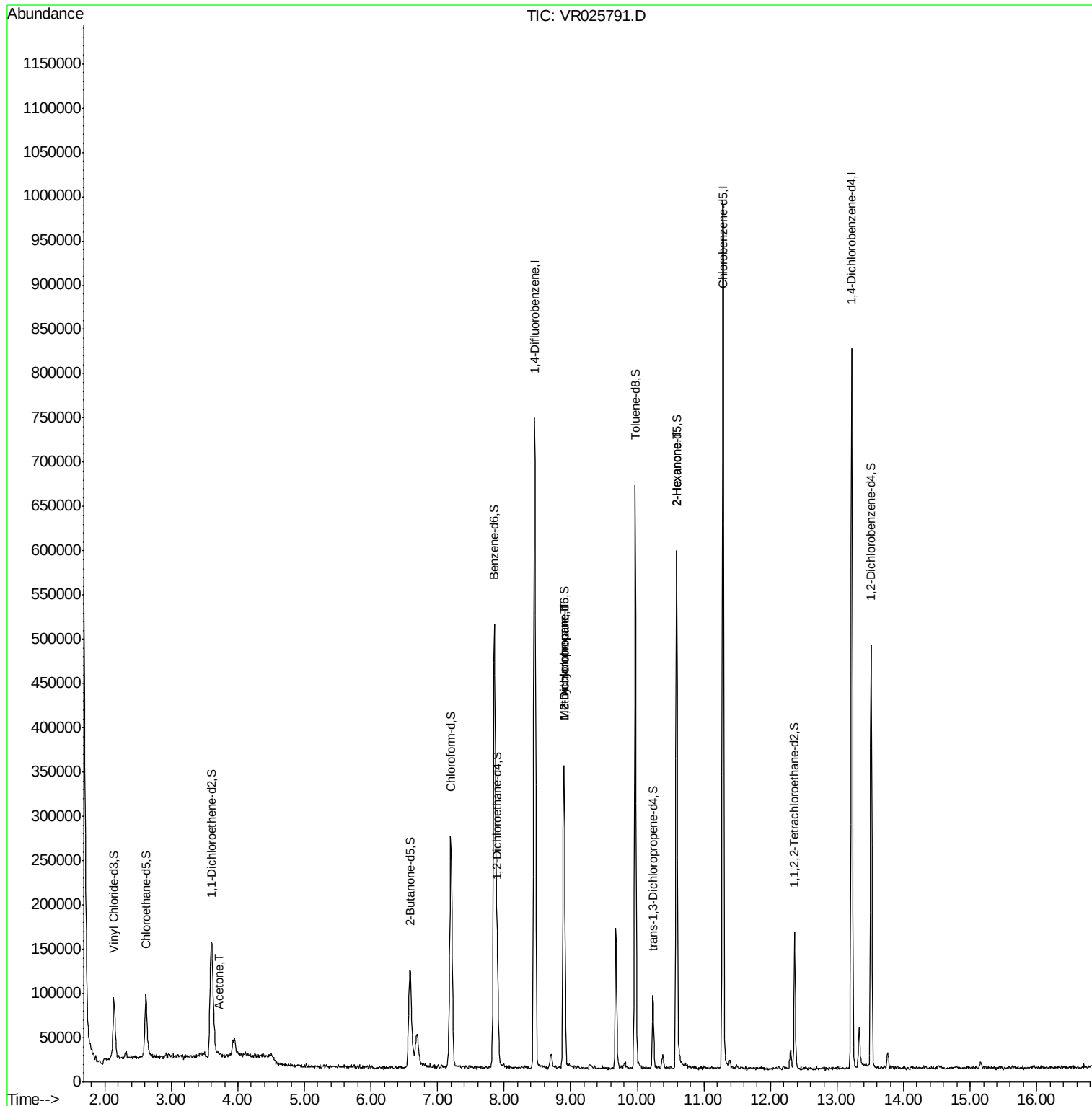
					Qvalue
13) Acetone	3.71	43	4471	2.145 ug/L	68
35) Methylcyclohexane	8.90	83	36782	0.388 ug/L #	17
37) 1,2-Dichloropropane	8.89	63	17968	0.395 ug/L #	89
48) 2-Hexanone	10.59	43	25465	2.379 ug/L #	71

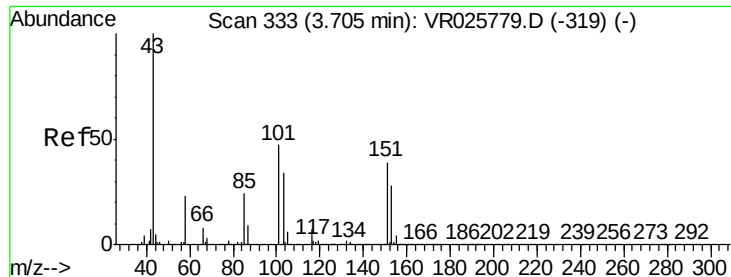
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.145 ug/L

RT: 3.71 min Scan# 334

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

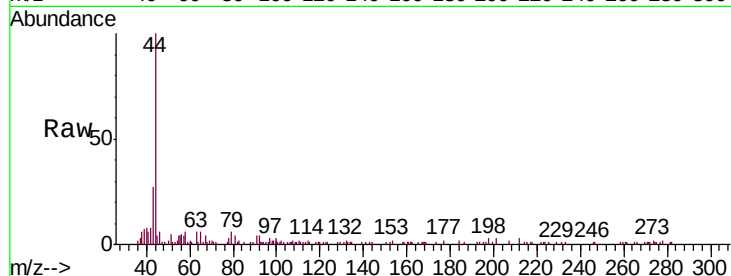
C0T09

Tgt Ion: 43 Resp: 4471

Ion Ratio Lower Upper

43 100

58 13.7 0.0 63.0



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

2500

2000

1500

1000

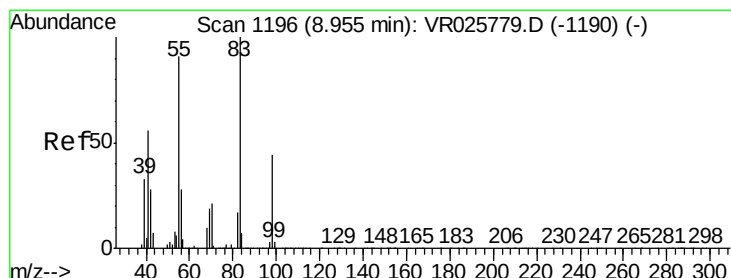
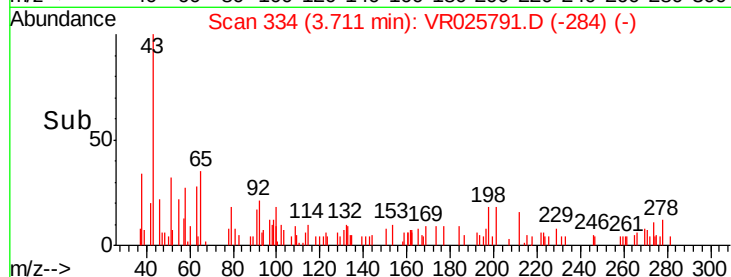
500

0

Time-->

3.65 3.70 3.75

3.71



#35

Methylcyclohexane

Concen: 0.388 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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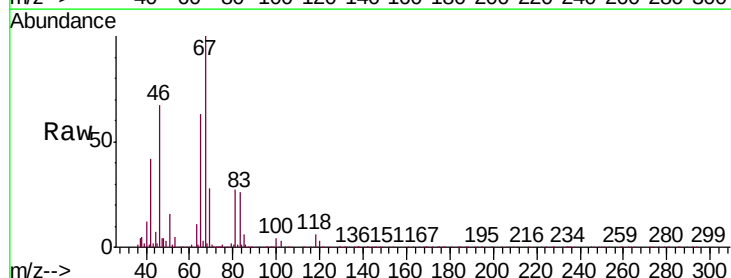
Tgt Ion: 83 Resp: 36782

Ion Ratio Lower Upper

83 100

55 2.0 70.3 105.5#

98 1.8 34.4 51.6#



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

25000

20000

15000

10000

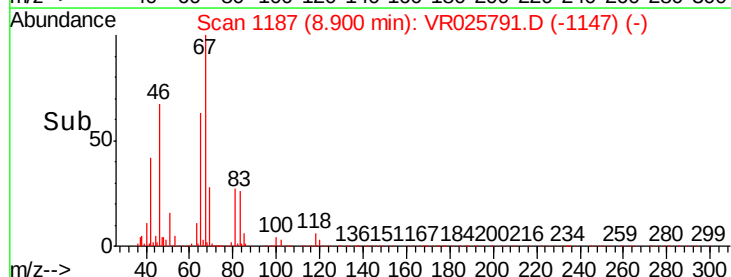
5000

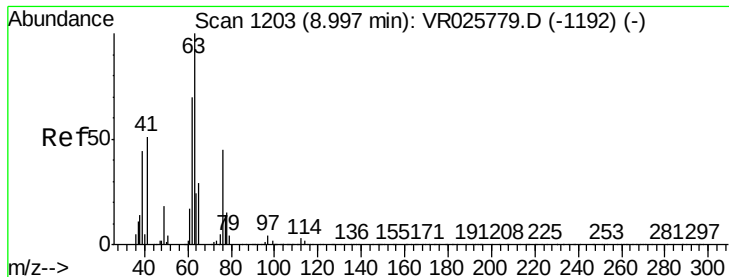
0

Time-->

8.80 8.90 9.00

8.90





#37

1,2-Dichloropropane

Concen: 0.395 ug/L

RT: 8.89 min Scan# 1186

Delta R.T. -0.10 min

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Instrument :

MSVOA_R

ClientSampled :

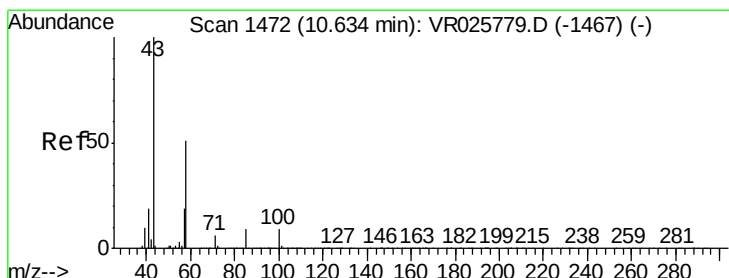
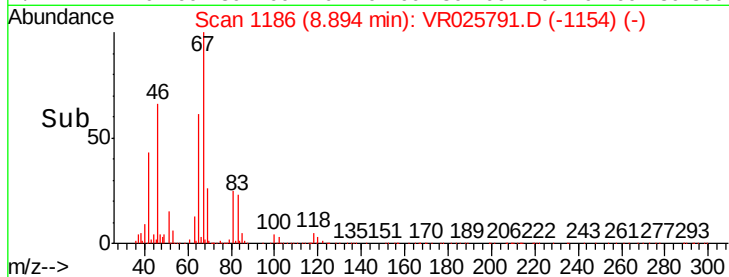
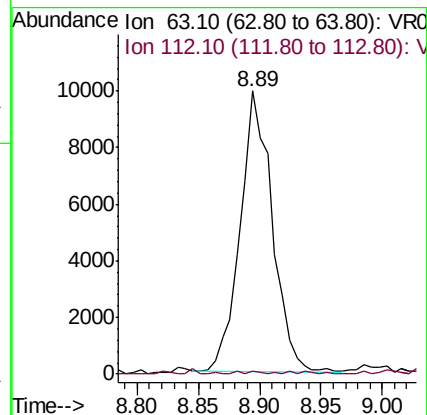
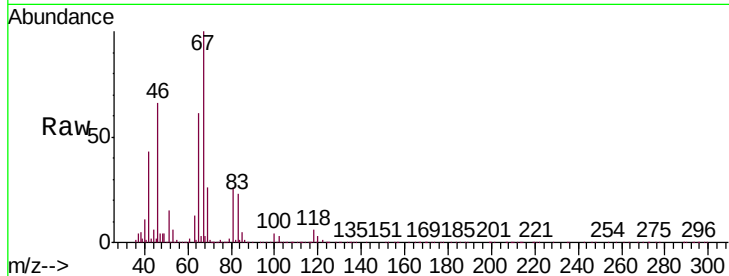
C0T09

Tgt Ion: 63 Resp: 17968

Ion Ratio Lower Upper

63 100

112 0.2 3.0 4.6#



#48

2-Hexanone

Concen: 2.379 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

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Tgt Ion: 43 Resp: 25465

Ion Ratio Lower Upper

43 100

58 25.2 39.9 59.9#

57 24.0 14.3 21.5#

100 0.2 7.0 10.6#

