

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR091718\
 Data File : VR025749.D
 Acq On : 17 Sep 2018 18:26
 Operator : SY/MD
 Sample : J4890-01
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Sep 18 07:51:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR091718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Sep 17 16:10:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	723261	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	593235	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	166580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	168697	4.27	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.40%
7) Chloroethane-d5	2.63	69	139265	4.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.20%
11) 1,1-Dichloroethene-d2	3.63	63	308172	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	6.59	46	190344	60.92	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.84%
24) Chloroform-d	7.20	84	368192	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	7.90	65	141595	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	7.85	84	850156	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	8.90	67	238185	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.40%
41) Toluene-d8	9.97	98	755262	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	10.24	79	45204	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	10.59	63	173790	54.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	96006	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	157794	5.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.80%

Target Compounds

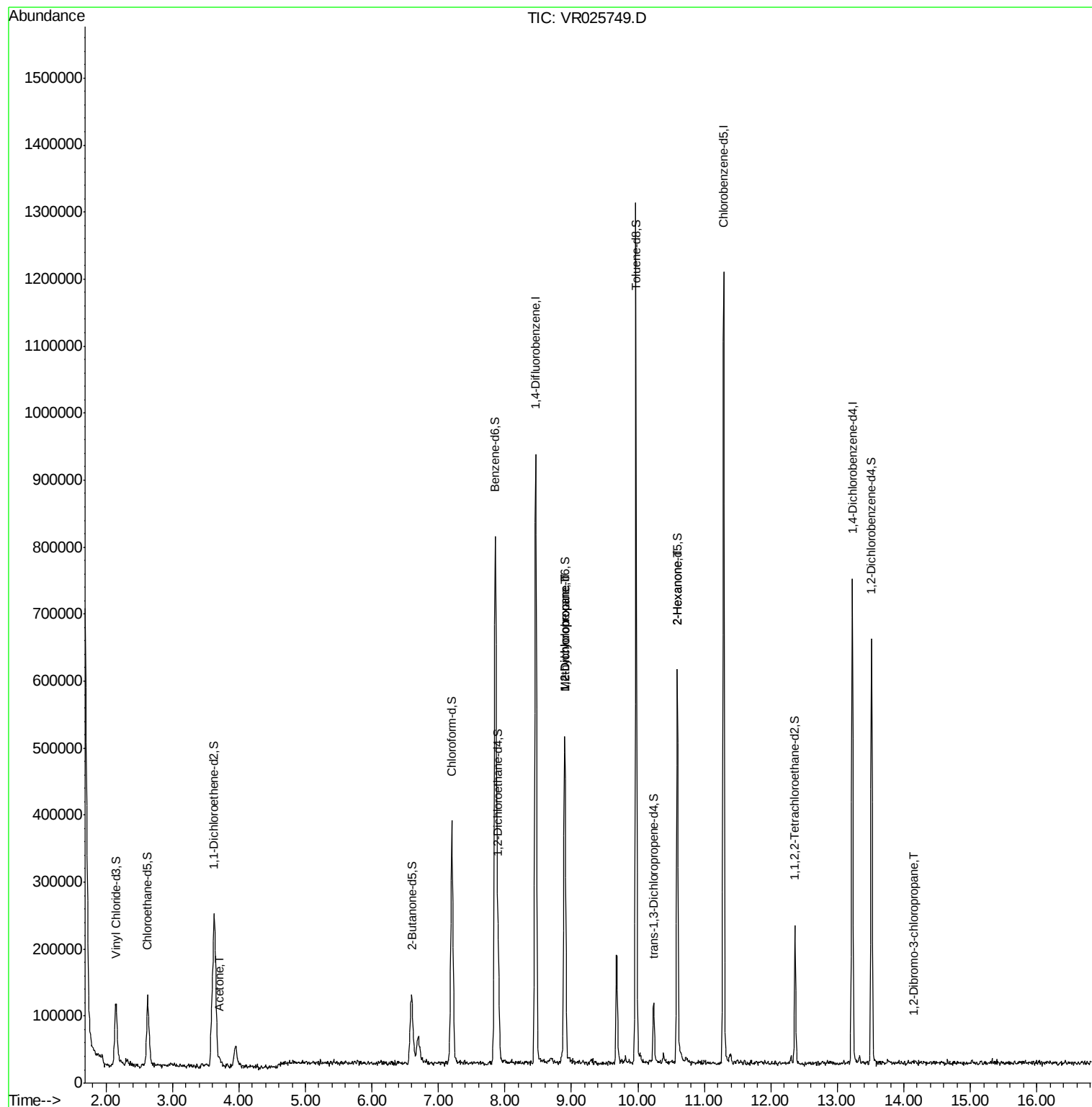
					Ovalue
13) Acetone	3.70	43	12567	6.72	ug/L 64
35) Methylcyclohexane	8.90	83	53290	0.65	ug/L # 21
37) 1,2-Dichloropropane	8.90	63	25875	0.53	ug/L # 91
48) 2-Hexanone	10.59	43	22805	2.64	ug/L # 71
66) 1,2-Dibromo-3-chloropropan	14.16	75	627	0.48	ug/L # 13

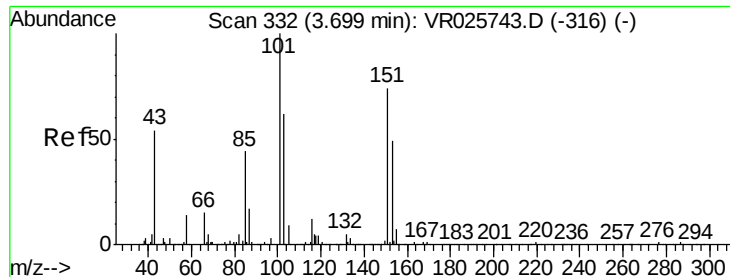
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.72 ug/L

RT: 3.70 min Scan# 332

Delta R.T. -0.00 min

Lab File: VR025749.D

Acq: 17 Sep 2018 18:26

Instrument :

MSVOA_R

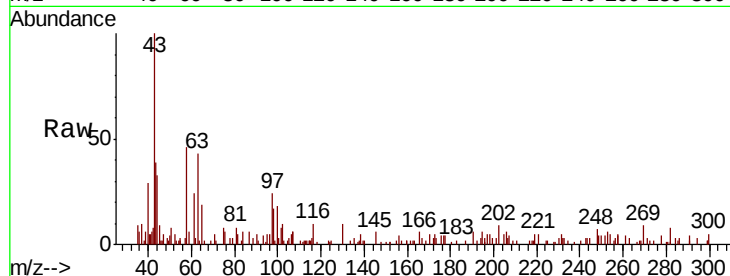
ClientSampled :

Tot Ion: 43 Resp: 12567

Ion Ratio Lower Upper

43 100

58 39.2 0.0 44.2



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0

4000

3000

2000

1000

0

3.60

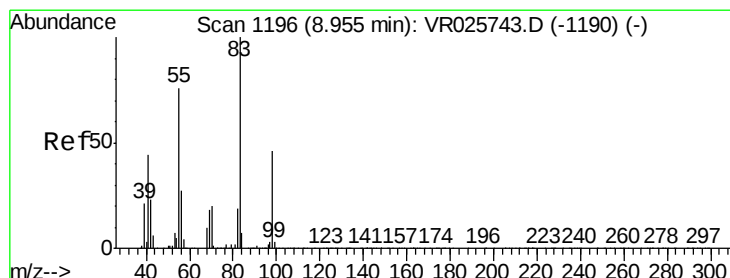
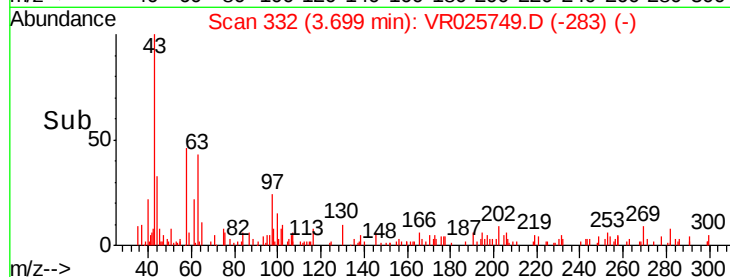
3.65

3.70

3.75

3.80

Time-->



#35

Methylcyclohexane

Concen: 0.65 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

Lab File: VR025749.D

Acq: 17 Sep 2018 18:26

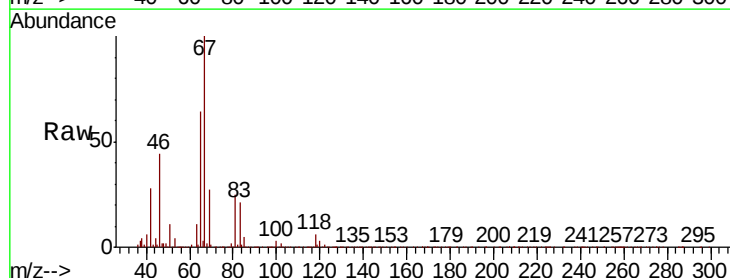
Tgt Ion: 83 Resp: 53290

Ion Ratio Lower Upper

83 100

55 0.8 60.2 90.4#

98 3.1 36.2 54.4#



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

30000

20000

10000

0

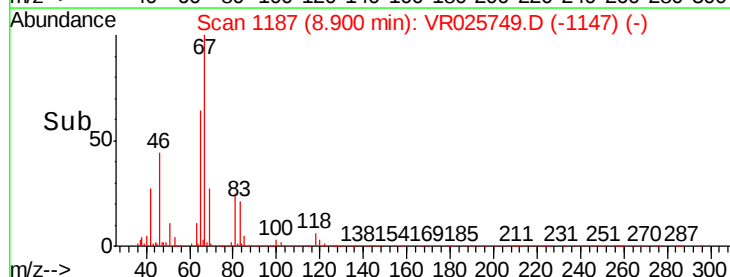
8.80

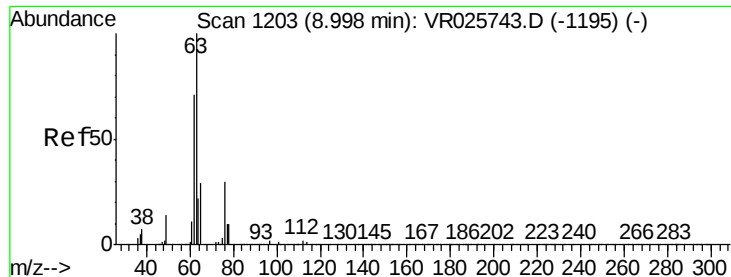
8.85

8.90

8.95

Time-->





#37

1,2-Dichloropropane

Concen: 0.53 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

Lab File: VR025749.D

Acq: 17 Sep 2018 18:26

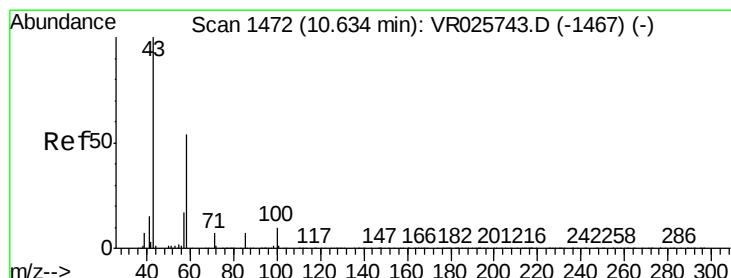
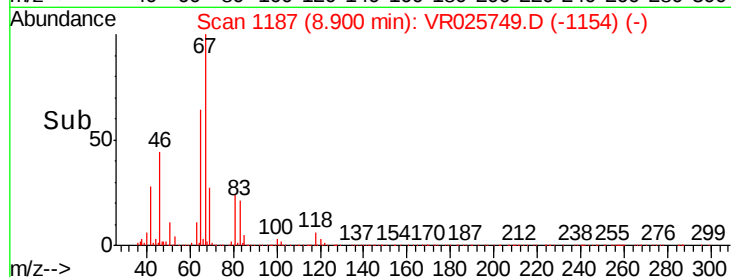
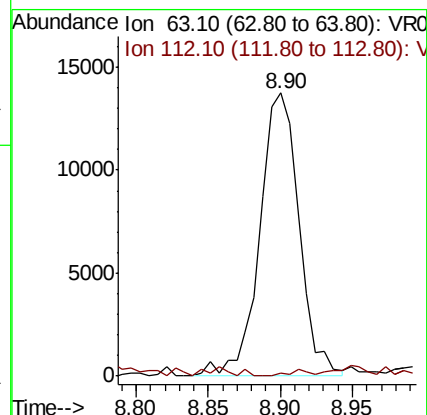
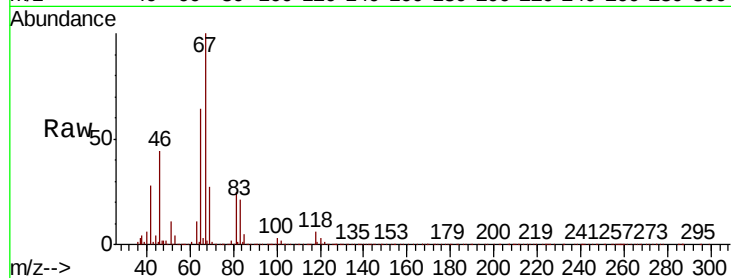
Instrument :
MSVOA_R
ClientSampleId :

Tot Ion: 63 Resp: 25875

Ion Ratio Lower Upper

63 100

112 1.2 3.3 4.9#



#48

2-Hexanone

Concen: 2.64 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025749.D

Acq: 17 Sep 2018 18:26

Tgt Ion: 43 Resp: 22805

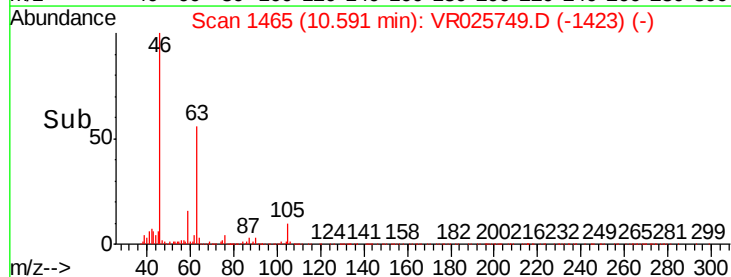
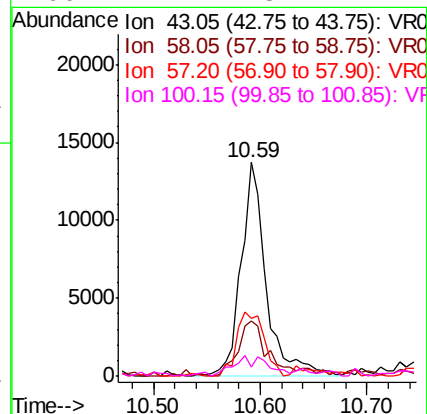
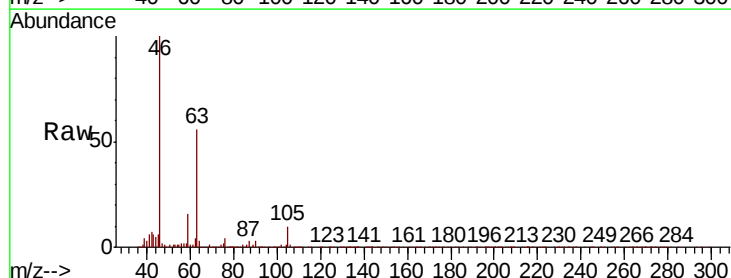
Ion Ratio Lower Upper

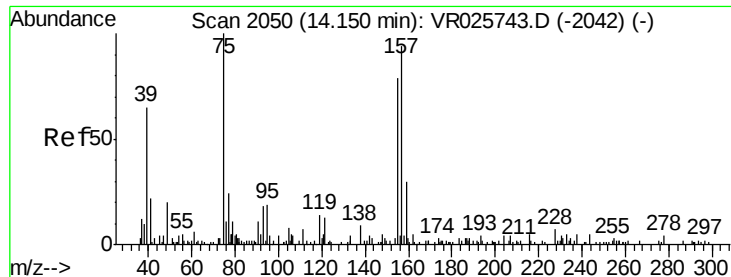
43 100

58 32.9 44.4 66.6#

57 32.6 14.0 21.0#

100 7.4 8.2 12.2#





#66
 1,2-Dibromo-3-chloropropane
 Concen: 0.48 ug/L
 RT: 14.16 min Scan# 2051
 Delta R.T. 0.01 min
 Lab File: VR025749.D
 Acq: 17 Sep 2018 18:26

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion: 75 Resp: 627
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.6 95.4#
 157 12.5 75.0 112.6#

