

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100118\
 Data File : VR025918.D
 Acq On : 1 Oct 2018 18:27
 Operator : SY/MD
 Sample : J5160-02
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 GACA7

Quant Time: Oct 02 01:48:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 01:45:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	456086	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	383645	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	131868	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	155936	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	2.63	69	140301	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.40%
11) 1,1-Dichloroethene-d2	3.63	63	277353	3.28	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.60%
20) 2-Butanone-d5	6.59	46	238748	59.54	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.08%
24) Chloroform-d	7.20	84	304417	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
26) 1,2-Dichloroethane-d4	7.90	65	140034	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	7.85	84	577980	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	164697	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	9.97	98	501269	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.60%
43) trans-1,3-Dichloropropene-	10.24	79	34335	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	10.59	63	186214	62.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.04%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	72729	5.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.20%
64) 1,2-Dichlorobenzene-d4	13.52	152	105574	5.00	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.00%

Target Compounds

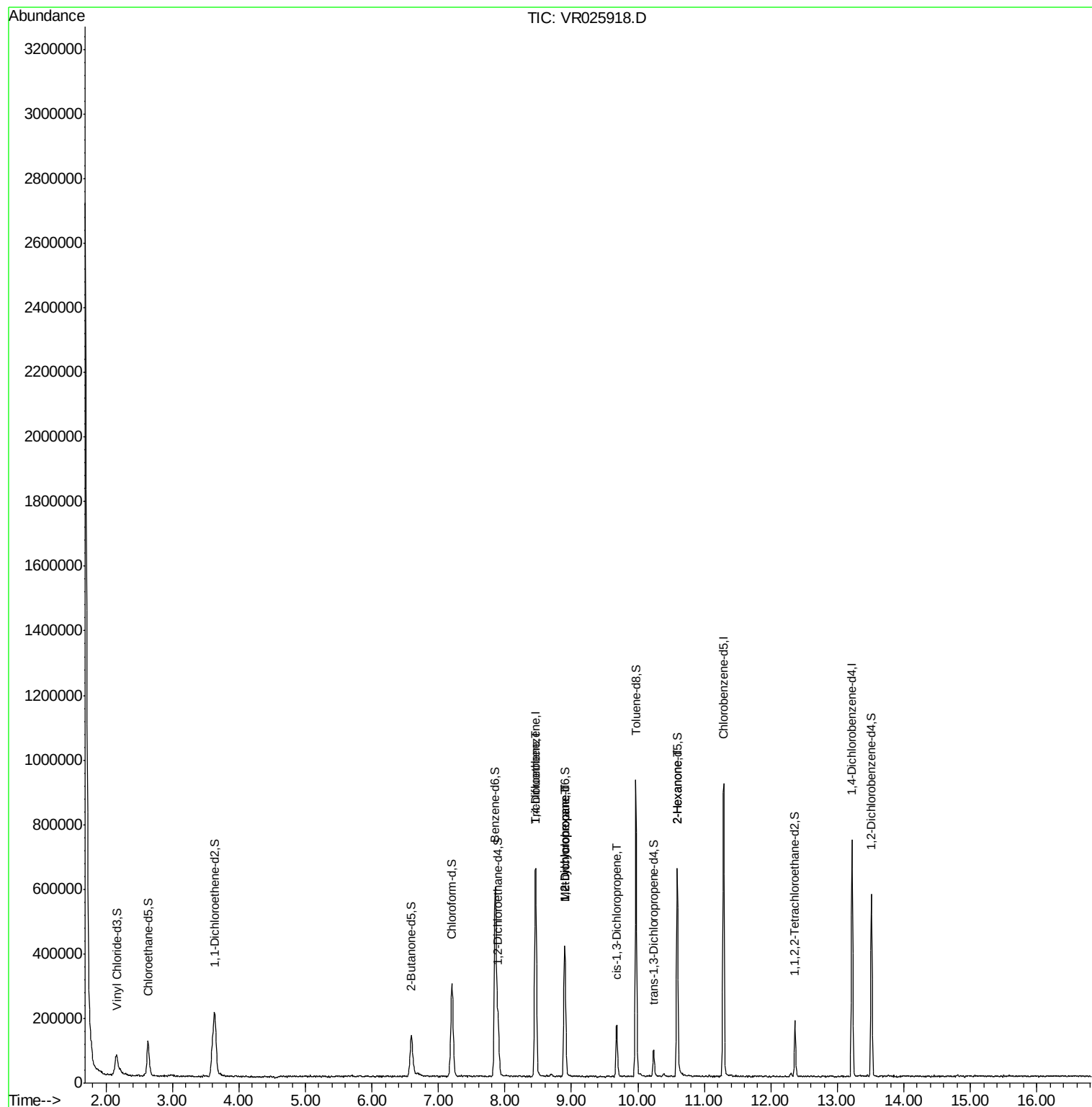
					Ovalue
34) Trichloroethene	8.46	95	16966	0.500 ug/L #	14
35) Methylcyclohexane	8.90	83	39636	0.777 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	20932	0.758 ug/L #	93
39) cis-1,3-Dichloropropene	9.68	75	4726	0.153 ug/L	92
48) 2-Hexanone	10.59	43	28055	4.414 ug/L #	71

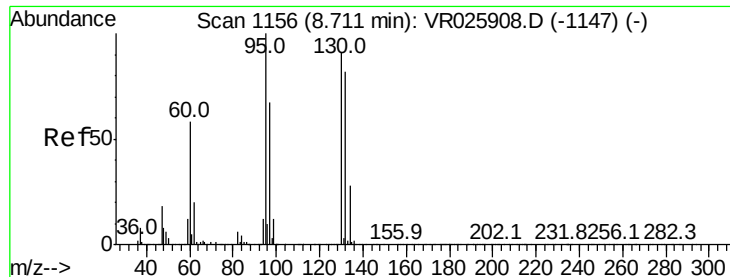
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.500 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

Lab File: VR025918.D

Acq: 1 Oct 2018 18:27

Instrument :

MSVOA_R

ClientSampled :

GACA7

Tot Ion: 95 Resp: 16966

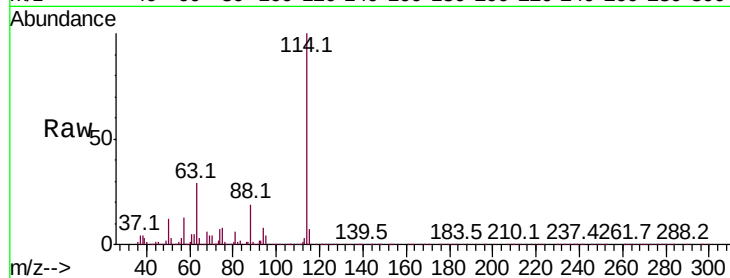
Ion Ratio Lower Upper

95 100

97 0.0 43.9 81.5#

132 0.6 53.3 98.9#

130 0.0 53.8 99.8#

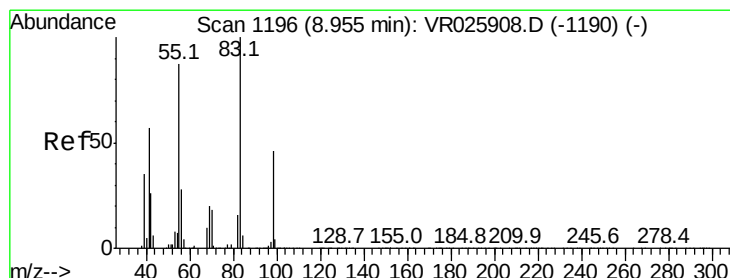
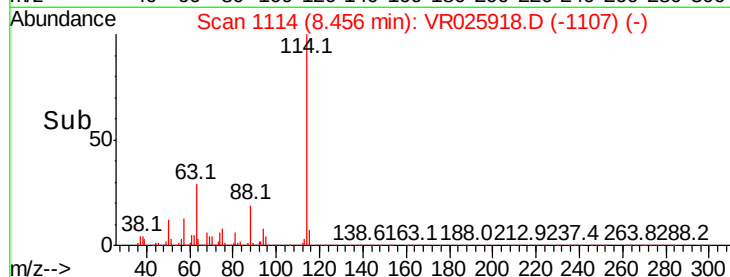
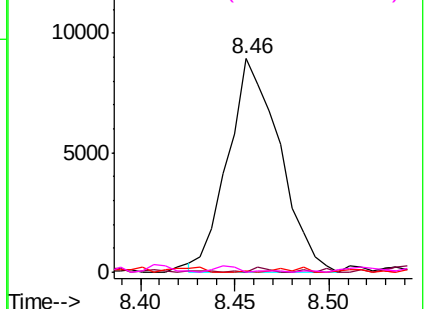


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.777 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.05 min

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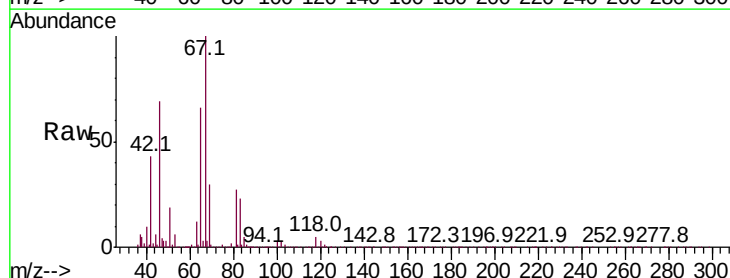
Tgt Ion: 83 Resp: 39636

Ion Ratio Lower Upper

83 100

55 2.5 71.8 107.6#

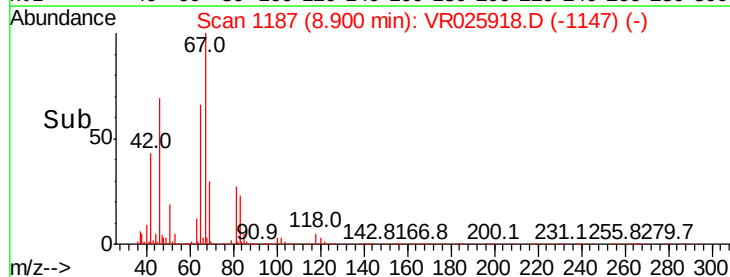
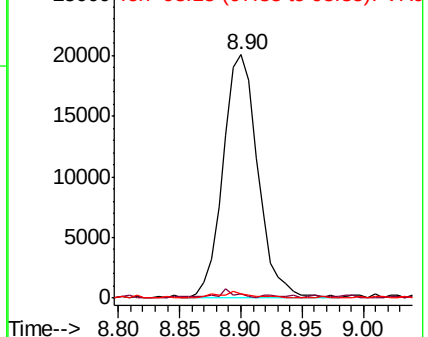
98 2.5 34.2 51.4#

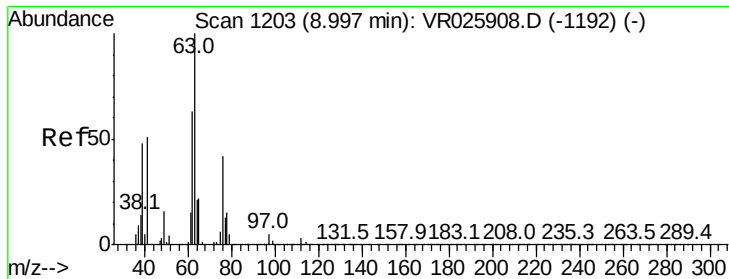


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#37

1,2-Dichloropropane

Concen: 0.758 ug/L

RT: 8.90 min Scan# 1187

Delta R.T. -0.10 min

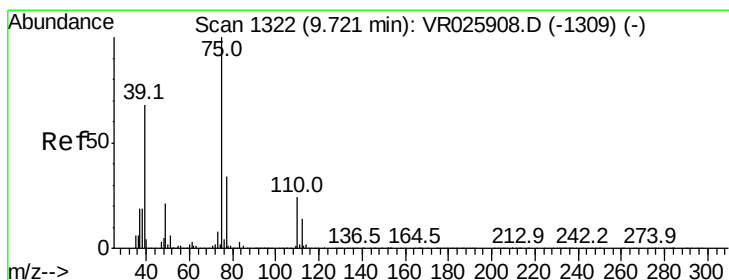
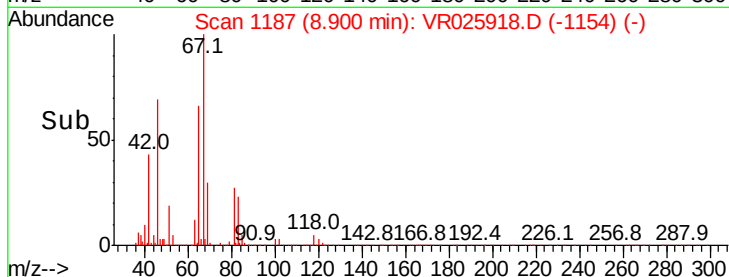
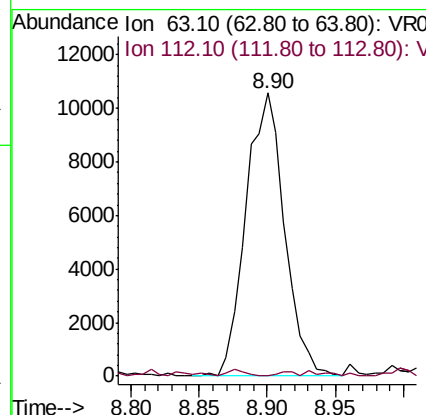
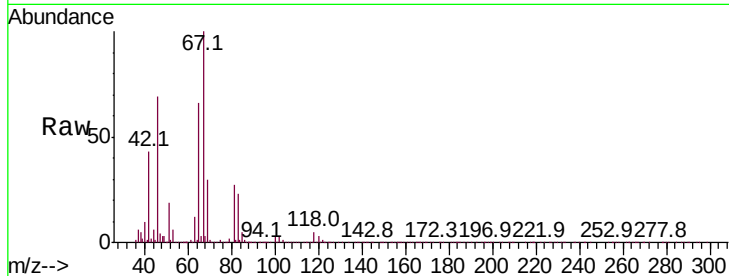
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Tot Ion: 63 Resp: 20932

Ion	Ratio	Lower	Upper
63	100		
112	0.6	2.5	3.7#



#39

cis-1,3-Dichloropropene

Concen: 0.153 ug/L

RT: 9.68 min Scan# 1316

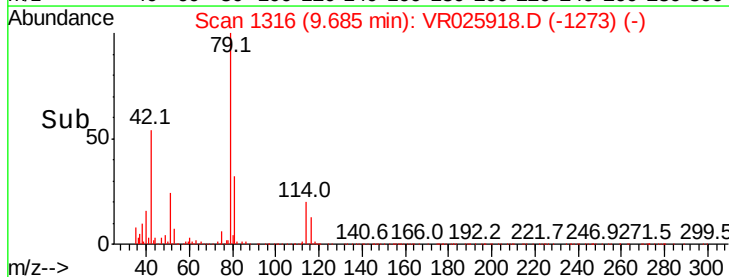
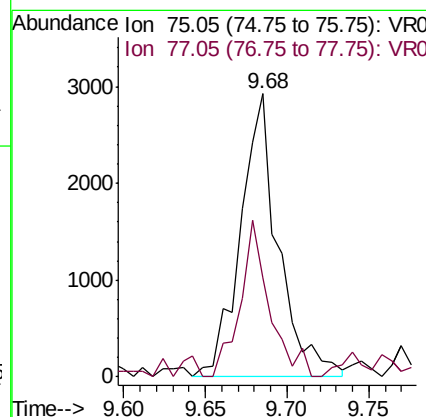
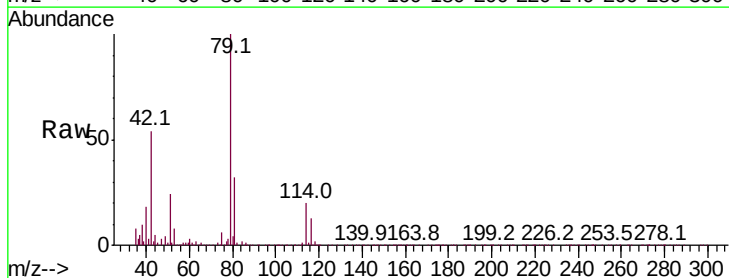
Delta R.T. -0.04 min

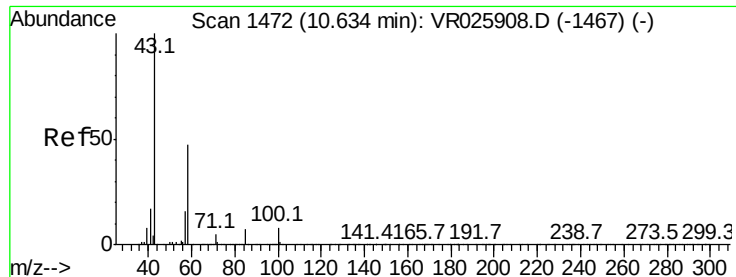
Lab File: VR025918.D

Acq: 1 Oct 2018 18:27

Tgt Ion: 75 Resp: 4726

Ion	Ratio	Lower	Upper
75	100		
77	35.1	21.5	39.9





#48

2-Hexanone

Concen: 4.414 ug/L

RT: 10.59 min Scan# 1465

Delta R.T. -0.04 min

Lab File: VR025918.D

Acq: 1 Oct 2018 18:27

Instrument :

MSVOA_R

ClientSampleId :

GACA7

Tot Ion: 43 Resp: 28055

Ion Ratio Lower Upper

43 100

58 22.8 39.5 59.3#

57 21.0 14.6 21.8

100 0.7 6.7 10.1#

