

Data File : VR025850.D
Acq On : 25 Sep 2018 16:54
Operator : SY/MD
Sample : J5011-06
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
BE9G4

Quant Time: Sep 26 06:57:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092118WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 26 06:56:32 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	406628	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	323892	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	104924	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	125997	4.33	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	2.63	69	108001	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	3.61	63	224587	3.19	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	6.59	46	177469	45.72	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.44%
24) Chloroform-d	7.20	84	232188	3.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	76.00%
26) 1,2-Dichloroethane-d4	7.90	65	104009	3.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.00%
32) Benzene-d6	7.85	84	471309	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
36) 1,2-Dichloropropane-d6	8.90	67	131721	4.02	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	9.97	98	405430	3.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	75.00%
43) trans-1,3-Dichloropropene-	10.24	79	24298	2.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	53.60%#
46) 2-Hexanone-d5	10.59	63	126983	41.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	83.80%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	52306	4.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.80%
64) 1,2-Dichlorobenzene-d4	13.52	152	66853	3.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	74.60%#

Target Compounds

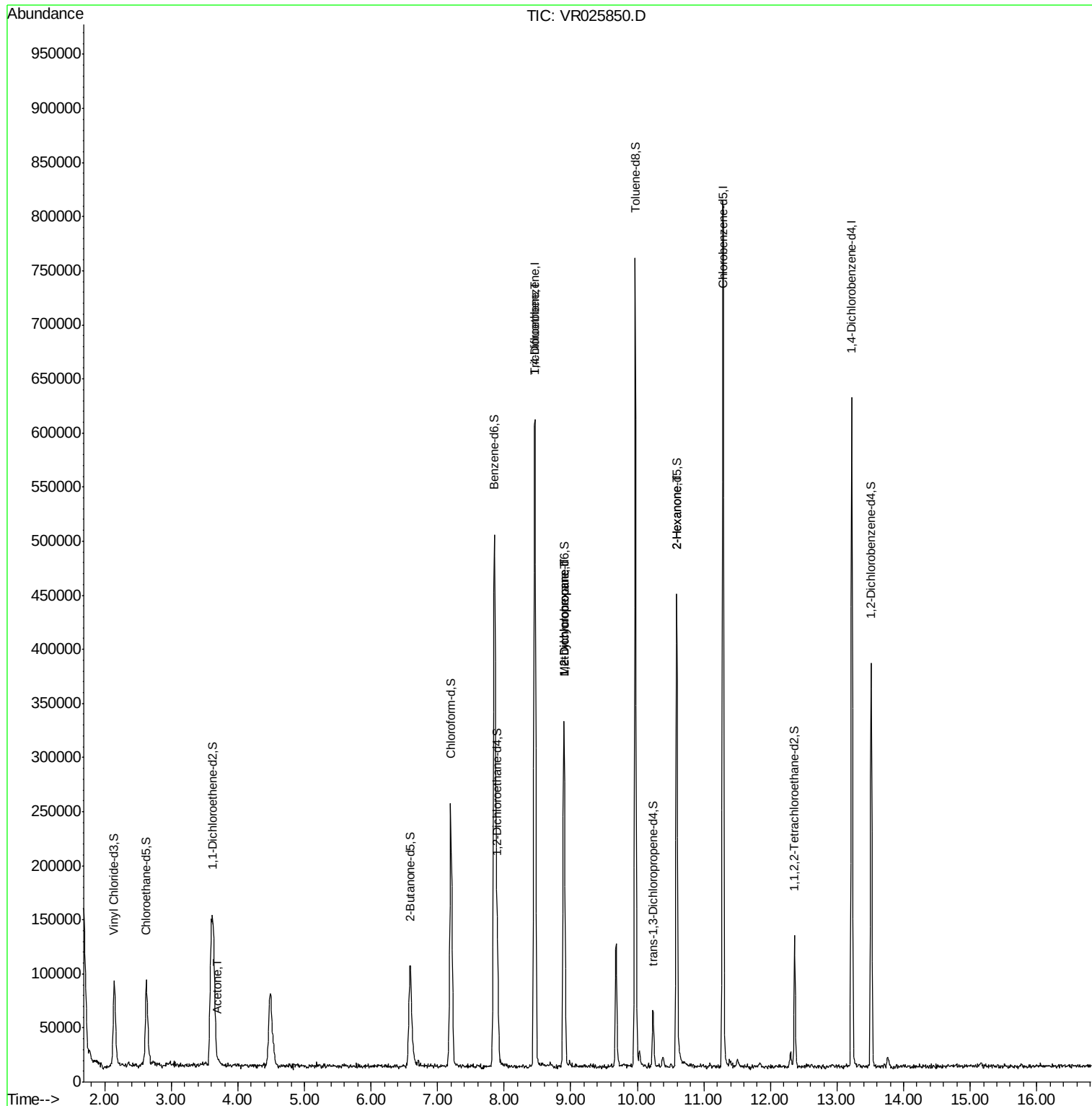
					Qvalue
13) Acetone	3.70	43	4342	1.695 ug/L	82
34) Trichloroethene	8.46	95	15084	0.334 ug/L #	14
35) Methylcyclohexane	8.90	83	31191	0.421 ug/L #	16
37) 1,2-Dichloropropane	8.90	63	17811	0.470 ug/L #	95
48) 2-Hexanone	10.59	43	18615	2.145 ug/L #	73

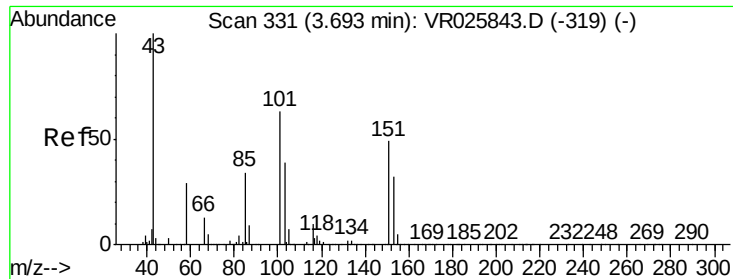
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.695 ug/L

RT: 3.70 min Scan# 332

Delta R.T. 0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

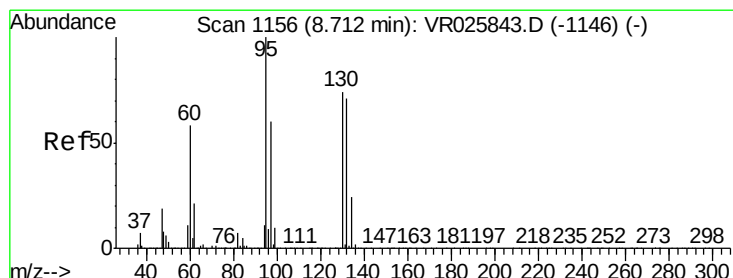
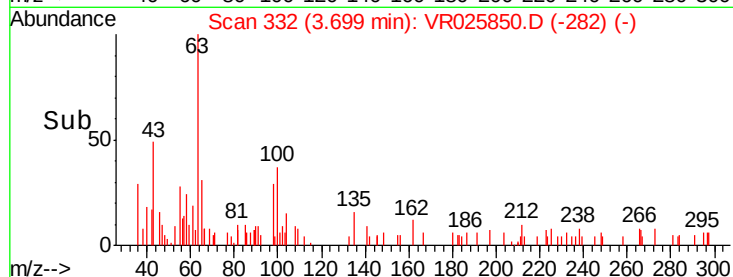
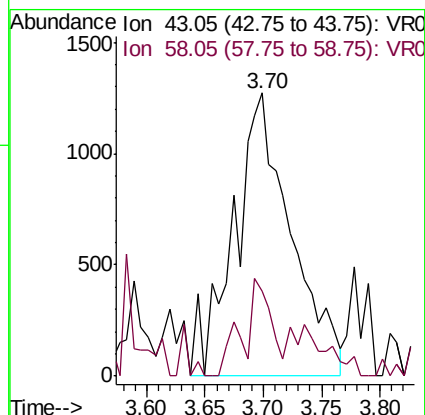
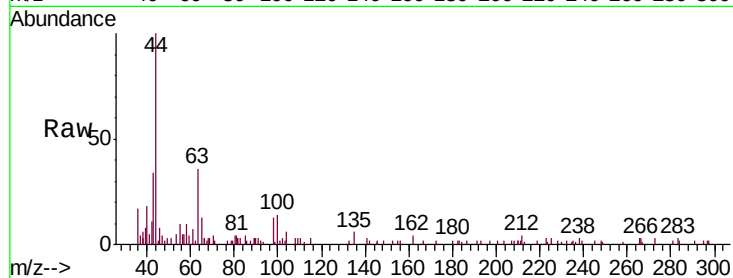
BE9G4

Tgt Ion: 43 Resp: 4342

Ion Ratio Lower Upper

43 100

58 16.8 0.0 51.4



#34

Trichloroethene

Concen: 0.334 ug/L

RT: 8.46 min Scan# 1114

Delta R.T. -0.26 min

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Tgt Ion: 95 Resp: 15084

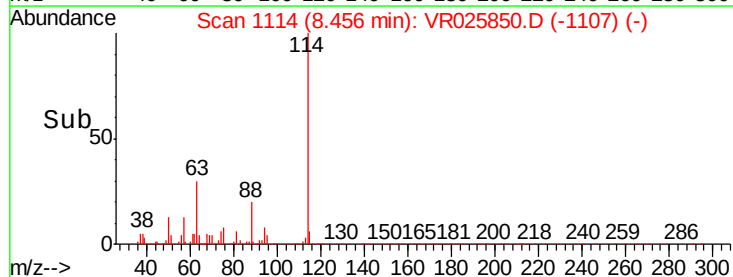
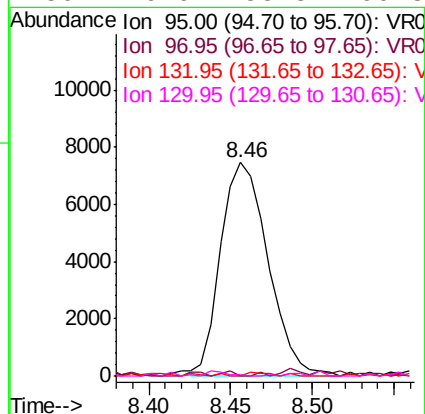
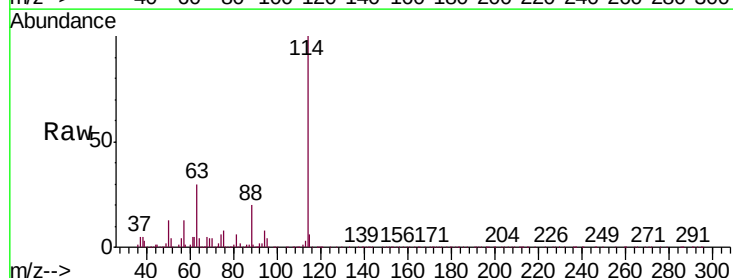
Ion Ratio Lower Upper

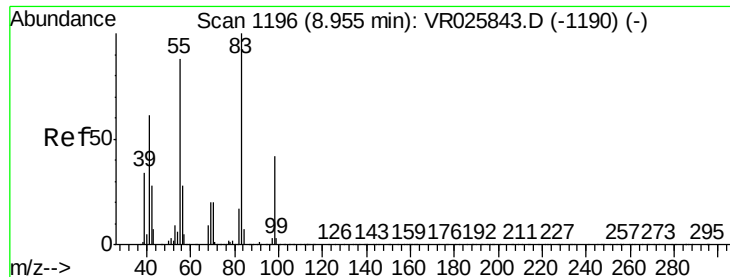
95 100

97 0.0 43.9 81.5#

132 0.0 53.3 98.9#

130 0.9 53.8 99.8#

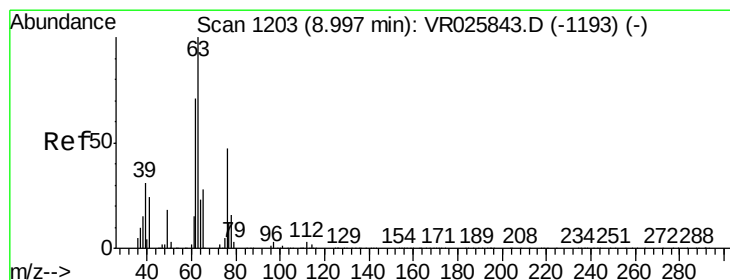
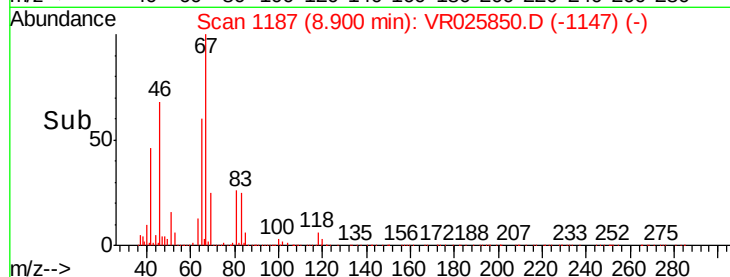
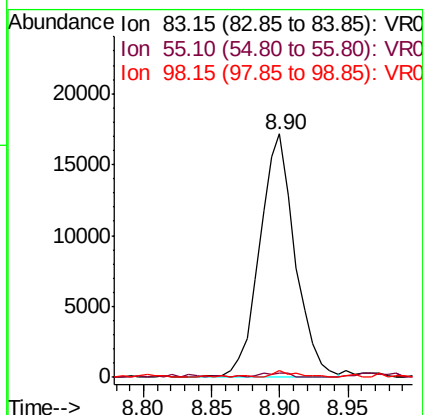
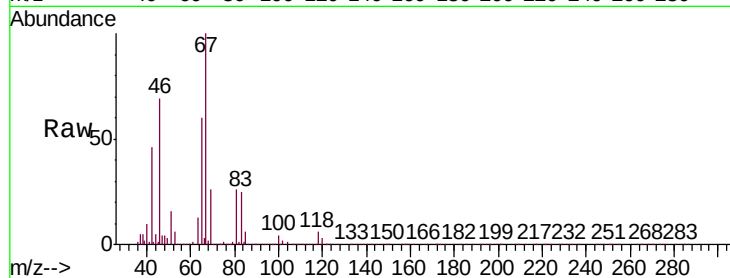




#35
Methylcyclohexane
Concen: 0.421 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.05 min
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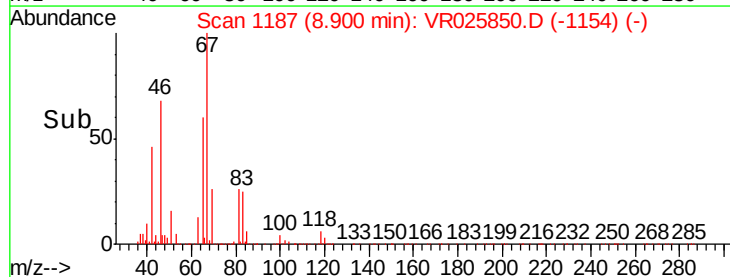
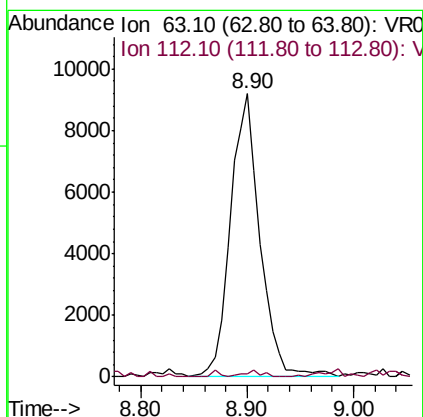
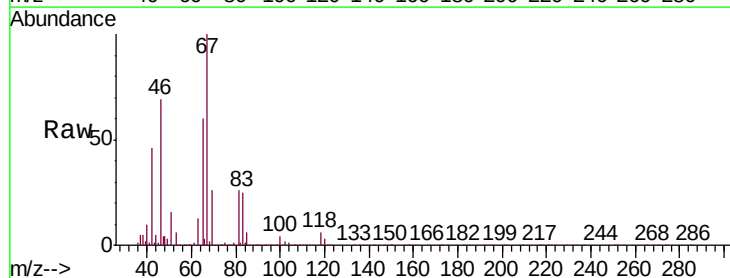
Instrument :
MSVOA_R
ClientSampleId :
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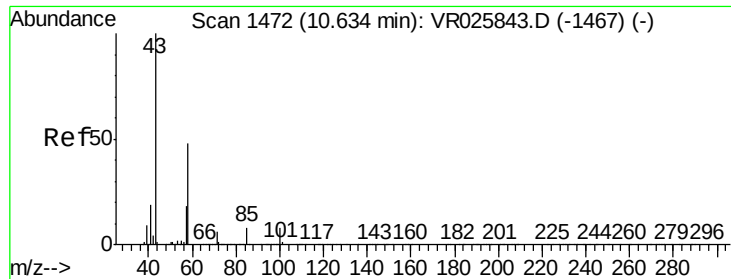
Tgt Ion	Ratio	Lower	Upper
83	100		
55	1.6	71.8	107.6#
98	1.8	34.2	51.4#



#37
1,2-Dichloropropane
Concen: 0.470 ug/L
RT: 8.90 min Scan# 1187
Delta R.T. -0.10 min
Lab File: VR025850.D
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Tgt Ion	Ratio	Lower	Upper
63	100		
112	1.4	2.5	3.7#





#48
 2-Hexanone
 Concen: 2.145 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
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Instrument :
 MSVOA_R
 ClientSampleId :
 BE9G4

Tgt Ion	Ratio	Lower	Upper
43	100		
58	27.5	39.5	59.3#
57	24.7	14.6	21.8#
100	0.8	6.7	10.1#

