

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061518\
 Data File : VR0253E2.D
 Acq On : 16 Jun 2018 4:15
 Operator : SY/MD
 Sample : VSTDCCC007
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Jun 16 05:06:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 15 16:03:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	603794	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	491479	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	150784	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	97883	4.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.20%
7) Chloroethane-d5	2.64	69	71143	4.71	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.20%
11) 1,1-Dichloroethene-d2	3.64	63	181737	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	6.59	46	245679	44.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.14%
24) Chloroform-d	7.20	84	328815	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.60%
26) 1,2-Dichloroethane-d4	7.89	65	129266	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.86	84	733664	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.00%
36) 1,2-Dichloropropane-d6	8.90	67	209873	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	9.97	98	608980	4.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.60%
43) trans-1,3-Dichloropropene-	10.24	79	38781	3.08	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	61.60%
46) 2-Hexanone-d5	10.59	63	195586	44.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	85079	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	125916	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

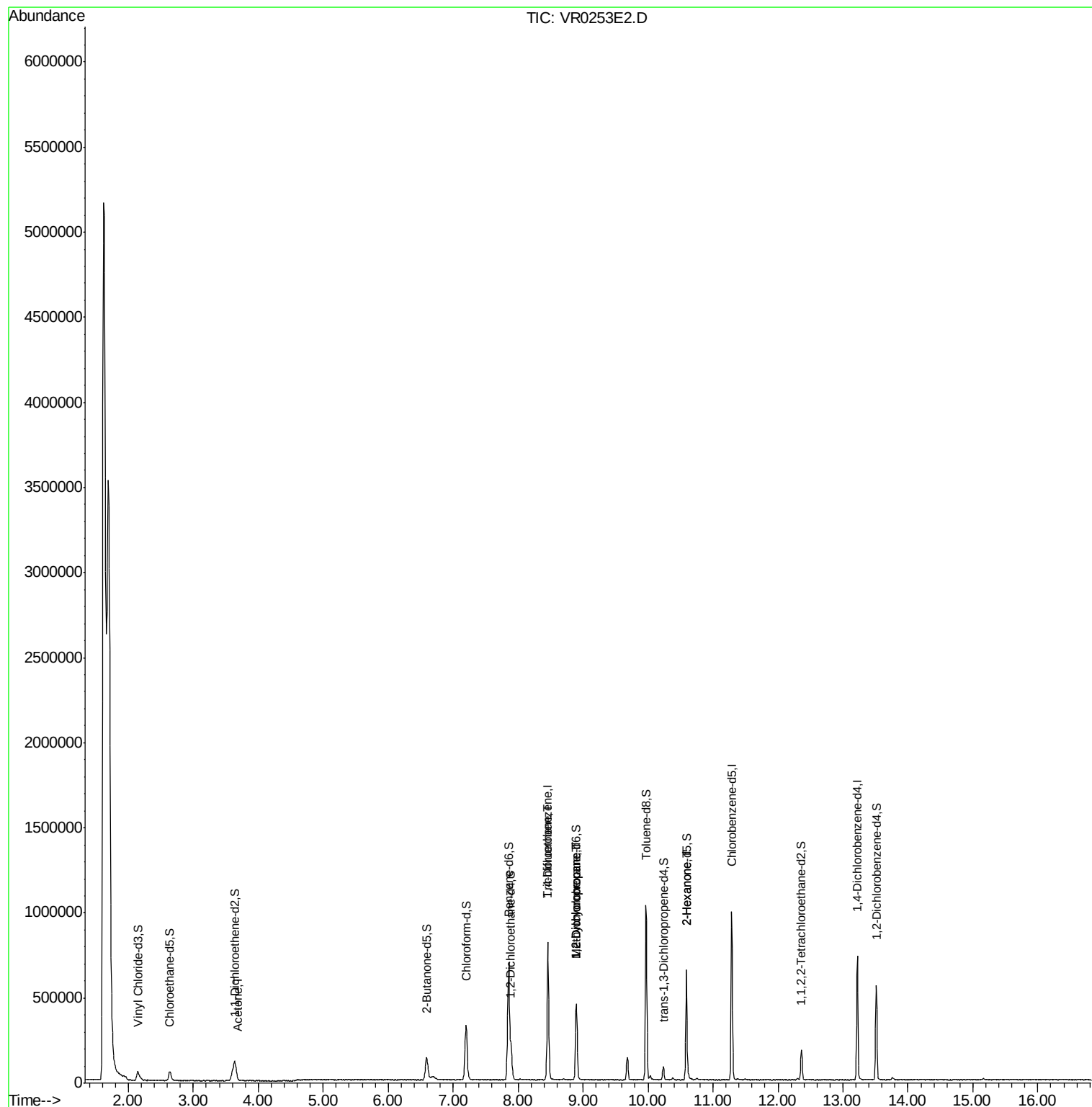
					Qvalue
13) Acetone	3.68	43	591	0.237 ug/L	87
34) Trichloroethene	8.46	95	16949	0.363 ug/L #	9
35) Methylcyclohexane	8.90	83	49564	0.673 ug/L #	17
37) 1,2-Dichloropropane	8.90	63	20568	0.479 ug/L #	91
48) 2-Hexanone	10.59	43	24130	2.727 ug/L #	67

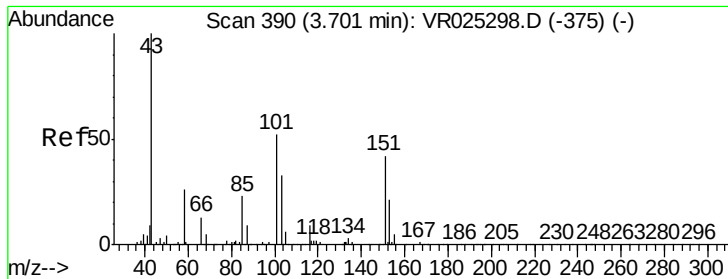
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.237 ug/L

RT: 3.68 min Scan# 387

Delta R.T. -0.02 min

Lab File: VR0253E2.D

Acq: 16 Jun 2018 4:15

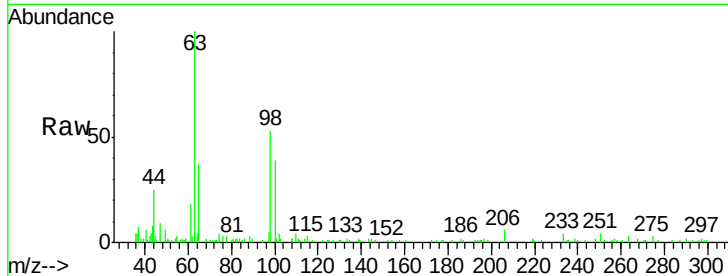
Instrument :
MSVOA_R
ClientSampled :

Tgt Ion: 43 Resp: 591

Ion Ratio Lower Upper

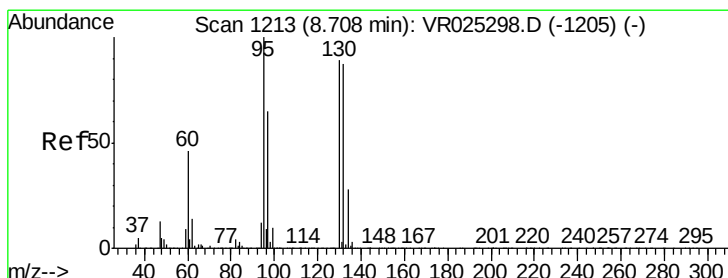
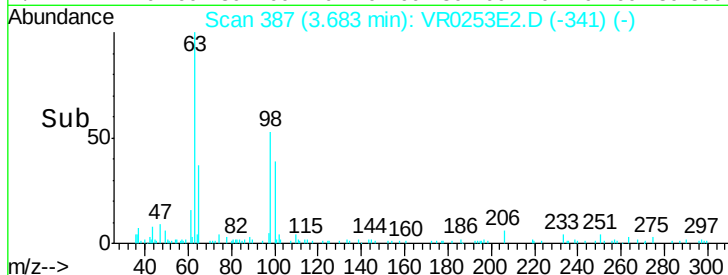
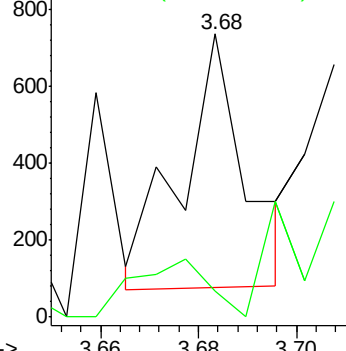
43 100

58 26.7 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#34

Trichloroethene

Concen: 0.363 ug/L

RT: 8.46 min Scan# 1172

Delta R.T. -0.25 min

Lab File: VR0253E2.D

Acq: 16 Jun 2018 4:15

Tgt Ion: 95 Resp: 16949

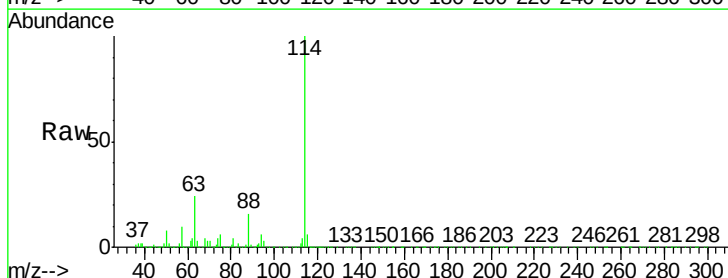
Ion Ratio Lower Upper

95 100

97 0.6 45.6 84.6#

132 0.0 60.9 113.1#

130 0.0 62.0 115.2#

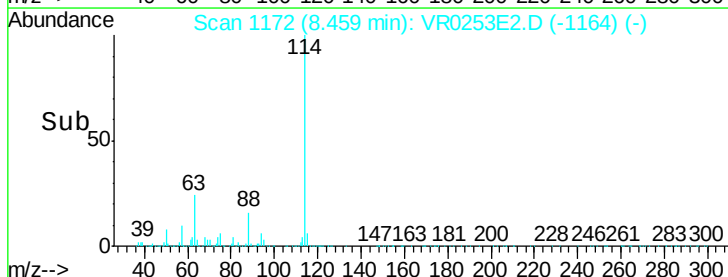
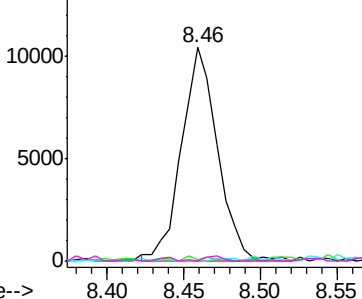


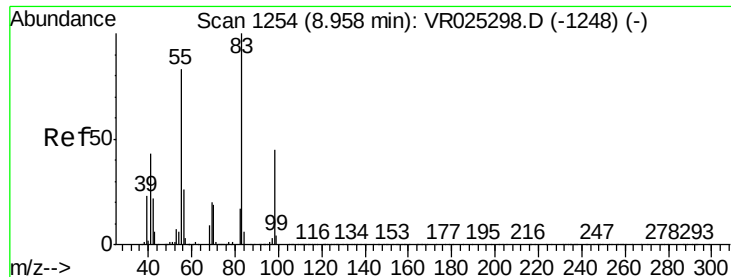
Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.673 ug/L

RT: 8.90 min Scan# 1244

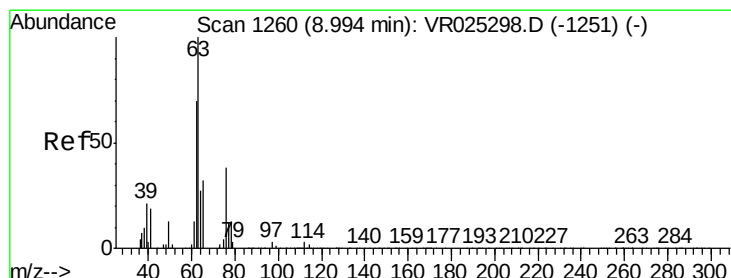
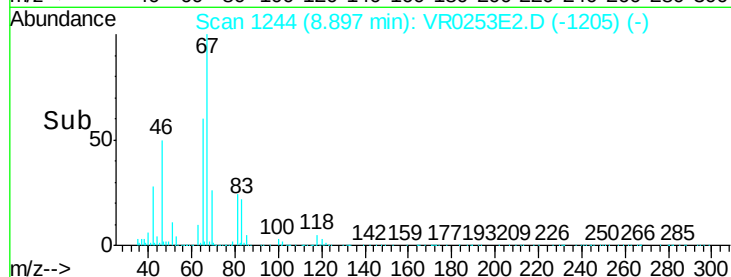
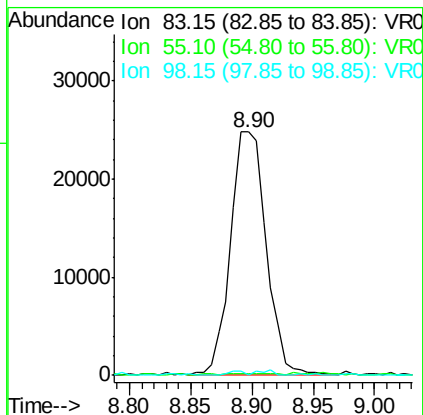
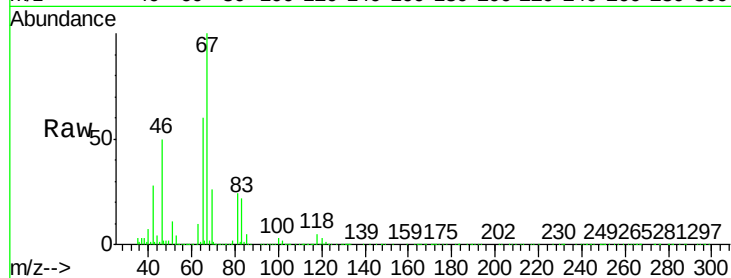
Delta R.T. -0.06 min

Lab File: VR0253E2.D

Acq: 16 Jun 2018 4:15

Instrument :
MSVOA_R
ClientSampleId :

Tgt Ion:	83	Resp:	49564
Ion Ratio	Lower	Upper	
83	100		
55	0.7	66.1	99.1#
98	0.8	36.2	54.4#



#37

1,2-Dichloropropane

Concen: 0.479 ug/L

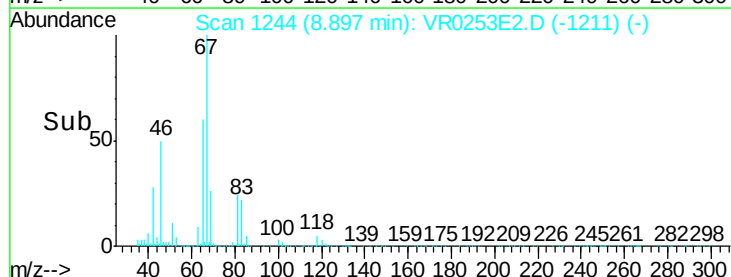
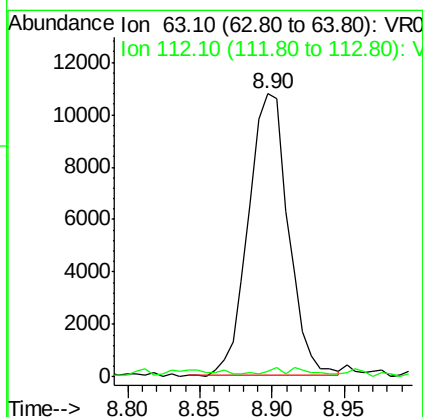
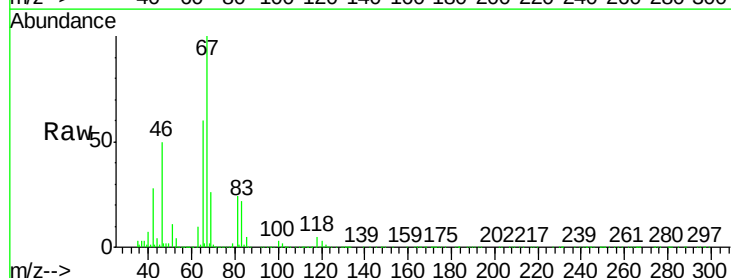
RT: 8.90 min Scan# 1244

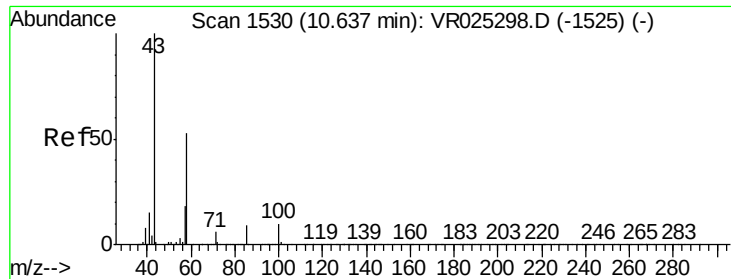
Delta R.T. -0.10 min

Lab File: VR0253E2.D

Acq: 16 Jun 2018 4:15

Tgt Ion:	63	Resp:	20568
Ion Ratio	Lower	Upper	
63	100		
112	0.7	2.9	4.3#





#48
 2-Hexanone
 Concen: 2.727 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.05 min
 Lab File: VR0253E2.D
 Acq: 16 Jun 2018 4:15

Instrument :
 MSVOA_R
 ClientSampleId :

Tgt Ion: 43 Resp: 24130
 Ion Ratio Lower Upper
 43 100
 58 26.0 43.1 64.7#
 57 30.7 15.3 22.9#
 100 5.1 7.9 11.9#

