

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR061618\
 Data File : VR025355.D
 Acq On : 17 Jun 2018 9:58
 Operator : SY/MD
 Sample : J3550-16
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWG6

Quant Time: Jun 18 04:11:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 18 04:02:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	590744	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	501486	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	150042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	86910	4.32	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.40%
7) Chloroethane-d5	2.64	69	69891	4.73	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.60%
11) 1,1-Dichloroethene-d2	3.63	63	163967	3.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.40%
20) 2-Butanone-d5	6.59	46	244931	45.41	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.82%
24) Chloroform-d	7.20	84	306937	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	7.89	65	122396	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.86	84	660443	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.60%
36) 1,2-Dichloropropane-d6	8.90	67	202841	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	9.97	98	559684	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.40%
43) trans-1,3-Dichloropropene-	10.23	79	25431	1.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	39.60%#
46) 2-Hexanone-d5	10.59	63	217533	48.75	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.50%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	87994	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	123221	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

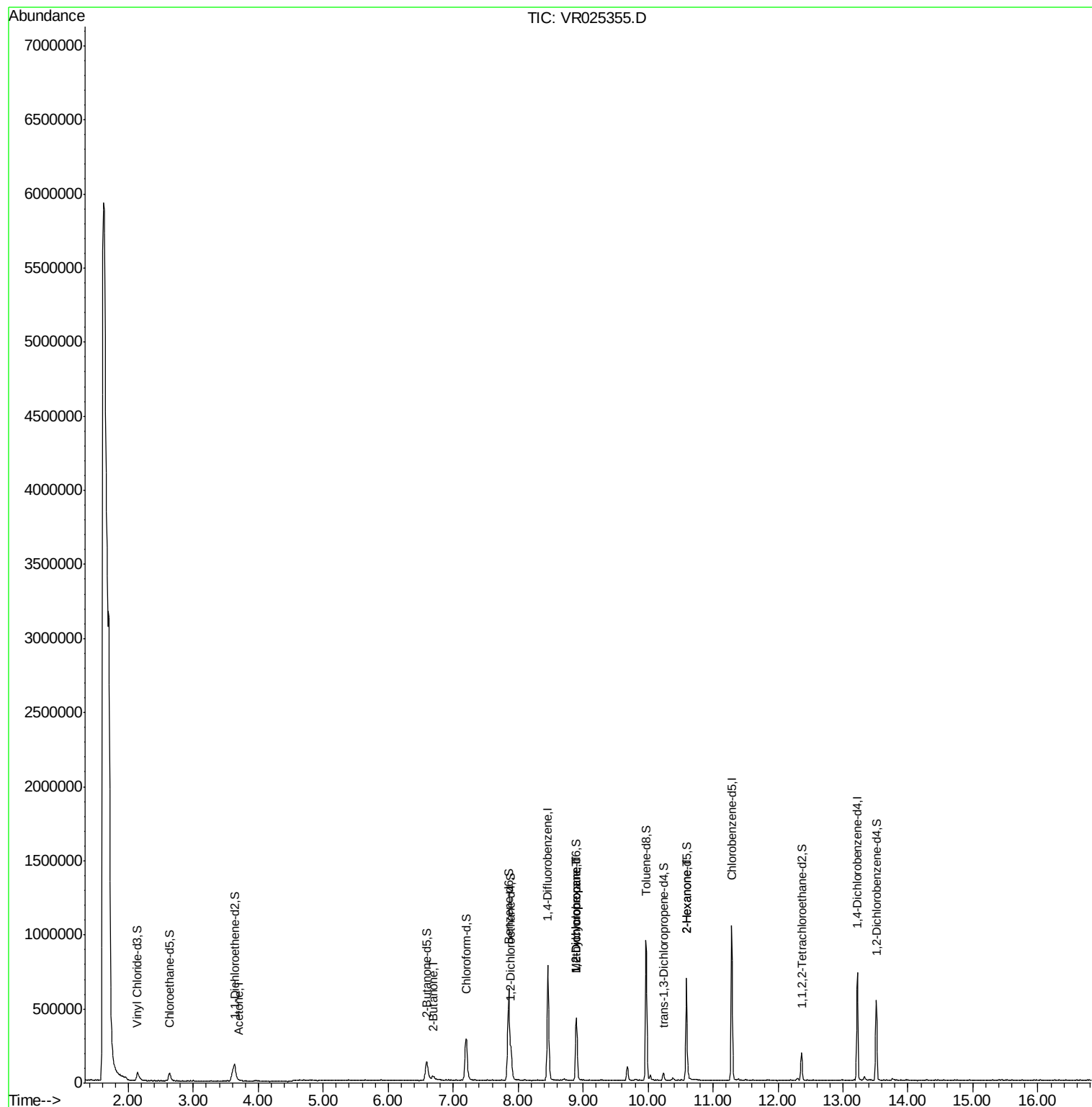
					Qvalue
13) Acetone	3.70	43	5691	2.336 ug/L	80
21) 2-Butanone	6.70	43	13298	2.310 ug/L	91
35) Methylcyclohexane	8.90	83	43400	0.577 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	21237	0.485 ug/L #	95
48) 2-Hexanone	10.59	43	25522	2.827 ug/L #	72

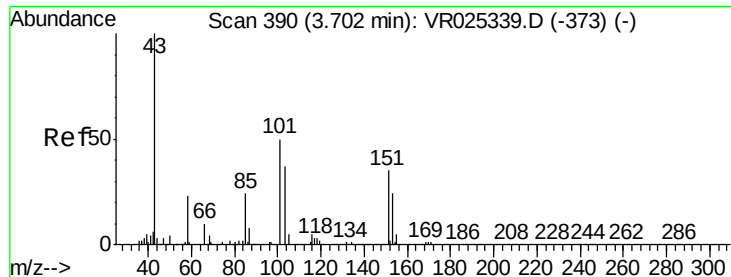
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.336 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.00 min

Lab File: VR025355.D

Acq: 17 Jun 2018 9:58

Instrument :

MSVOA_R

ClientSampled :

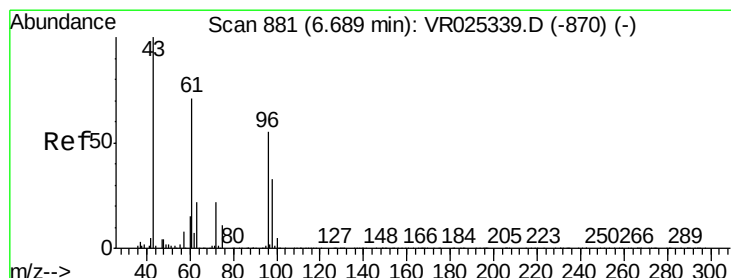
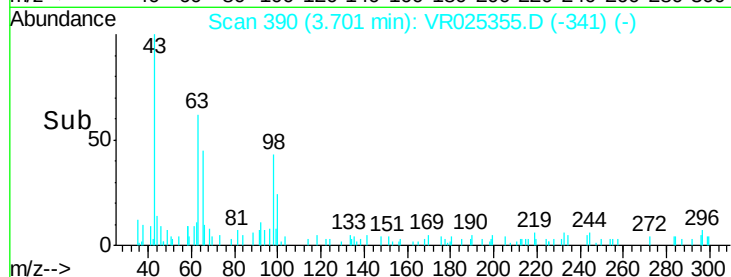
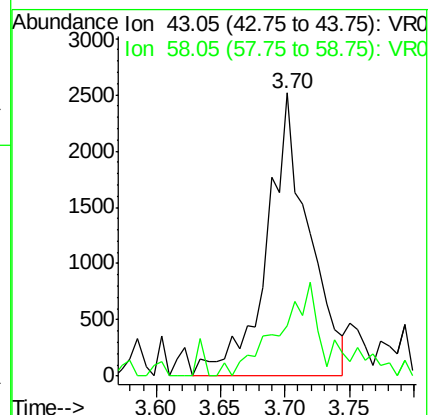
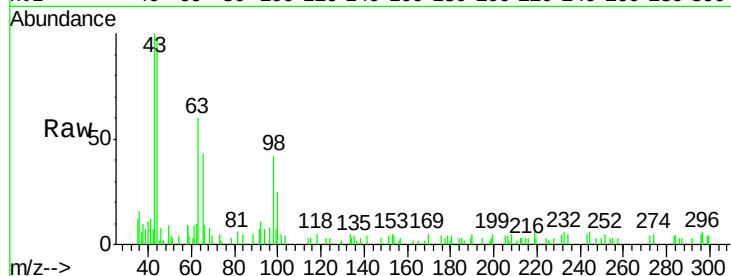
ESWG6

Tgt Ion: 43 Resp: 5691

Ion Ratio Lower Upper

43 100

58 29.9 0.0 41.6



#21

2-Butanone

Concen: 2.310 ug/L

RT: 6.70 min Scan# 883

Delta R.T. 0.01 min

Lab File: VR025355.D

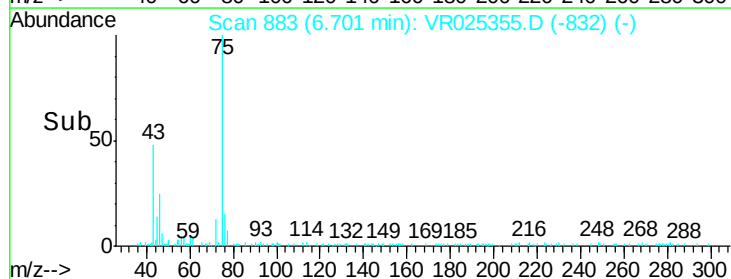
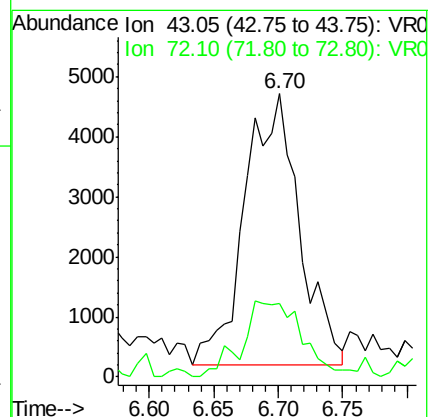
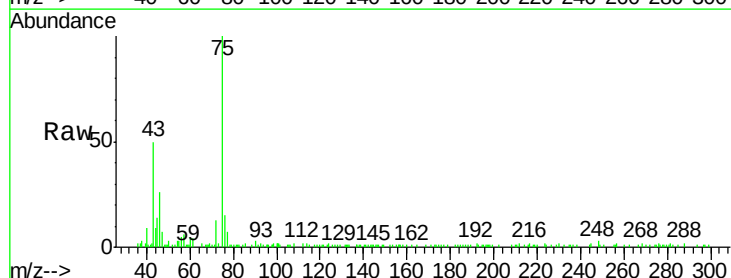
Acq: 17 Jun 2018 9:58

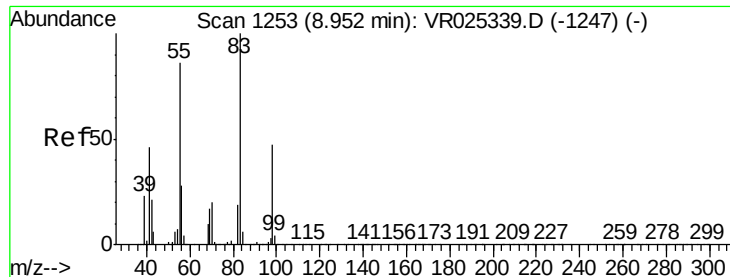
Tgt Ion: 43 Resp: 13298

Ion Ratio Lower Upper

43 100

72 30.3 13.0 38.9

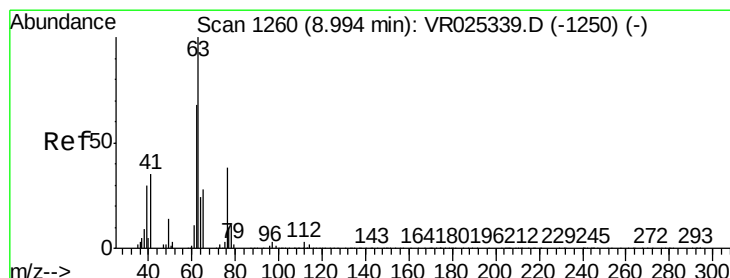
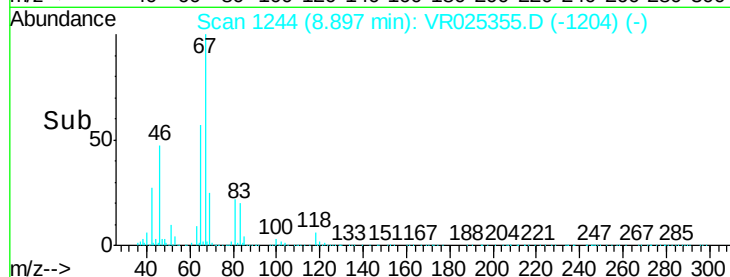
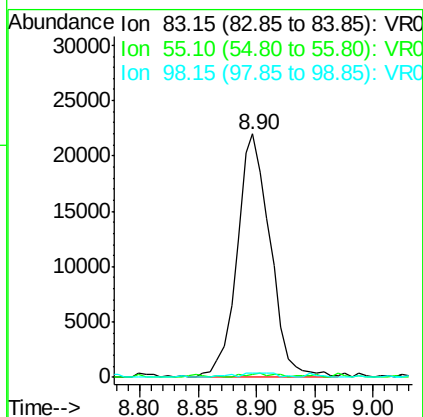
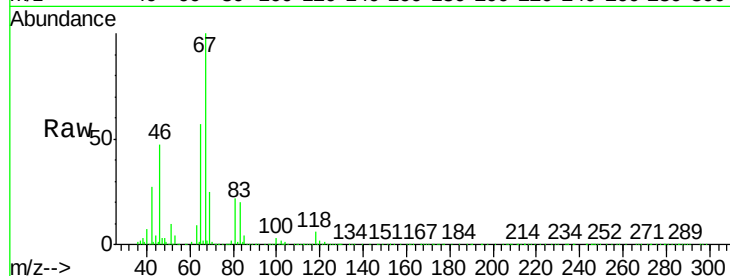




#35
Methylcyclohexane
Concen: 0.577 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025355.D
Acq: 17 Jun 2018 9:58

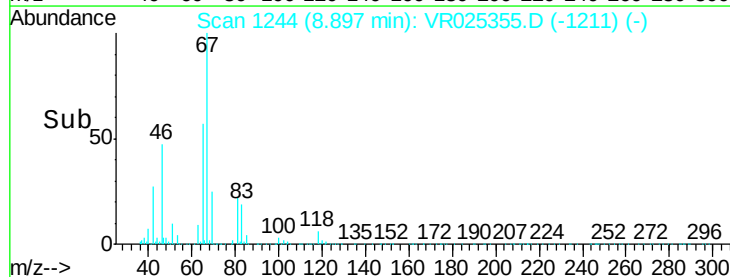
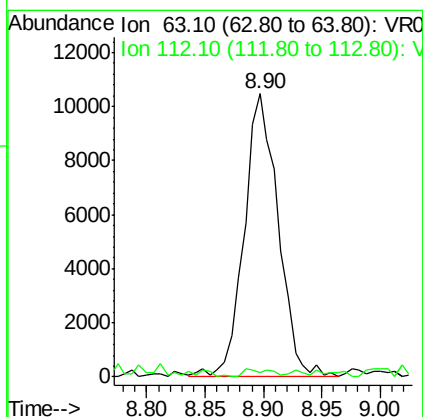
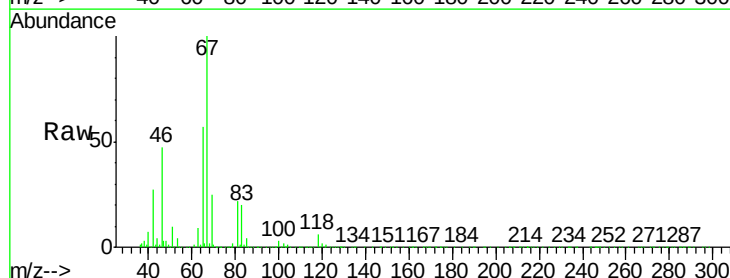
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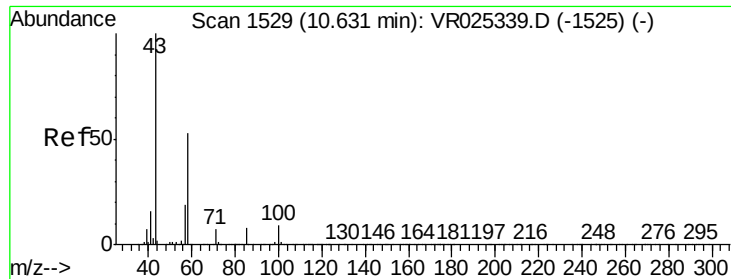
Tgt Ion: 83 Resp: 43400
Ion Ratio Lower Upper
83 100
55 1.4 66.1 99.1#
98 2.2 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.485 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025355.D
Acq: 17 Jun 2018 9:58

Tgt Ion: 63 Resp: 21237
Ion Ratio Lower Upper
63 100
112 2.0 2.9 4.3#





#48
 2-Hexanone
 Concen: 2.827 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025355.D
 Acq: 17 Jun 2018 9:58

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWG6

Tgt Ion: 43 Resp: 25522
 Ion Ratio Lower Upper
 43 100
 58 31.2 43.1 64.7#
 57 30.8 15.3 22.9#
 100 5.8 7.9 11.9#

