

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071218\
 Data File : VR025454.D
 Acq On : 12 Jul 2018 16:28
 Operator : SY/MD
 Sample : J3960-07
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AH1

Quant Time: Jul 13 00:38:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 13 00:37:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	746832	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	606873	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	218359	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	107739	5.23	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.60%
7) Chloroethane-d5	2.62	69	87692	5.00	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	3.62	63	229035	3.67	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.40%
20) 2-Butanone-d5	6.59	46	336676	52.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.30%
24) Chloroform-d	7.20	84	479780	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	7.89	65	191405	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	7.86	84	1032383	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	8.90	67	287549	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	9.97	98	903205	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
43) trans-1,3-Dichloropropene-	10.24	79	77702	4.98	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.60%
46) 2-Hexanone-d5	10.59	63	283087	56.11	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.22%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	124367	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	202962	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

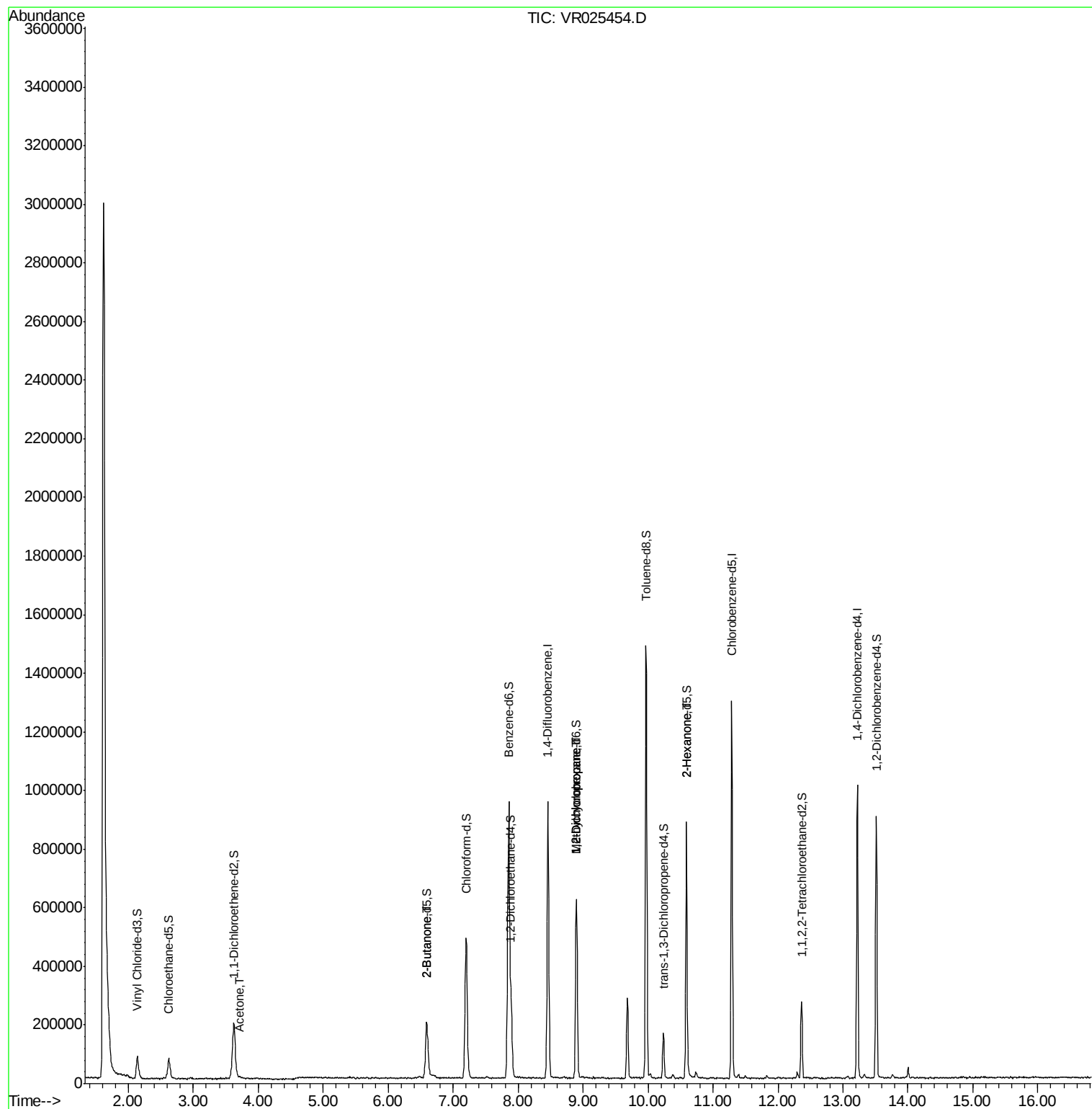
					Qvalue
13) Acetone	3.71	43	8087	2.807 ug/L	90
21) 2-Butanone	6.59	43	2159	0.322 ug/L	85
35) Methylcyclohexane	8.90	83	66831	0.939 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	31128	0.640 ug/L #	90
48) 2-Hexanone	10.59	43	34966	3.607 ug/L #	66

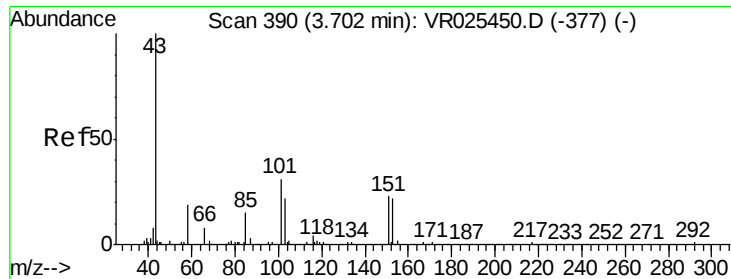
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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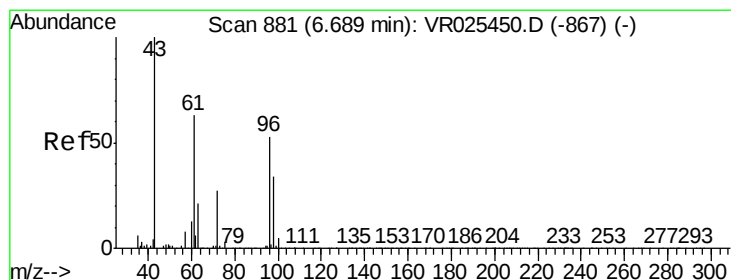
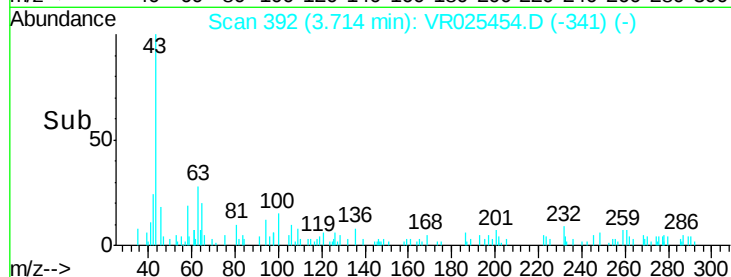
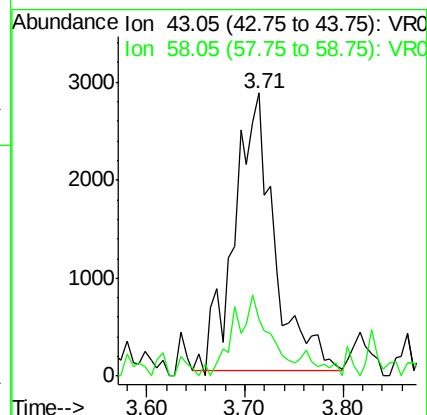
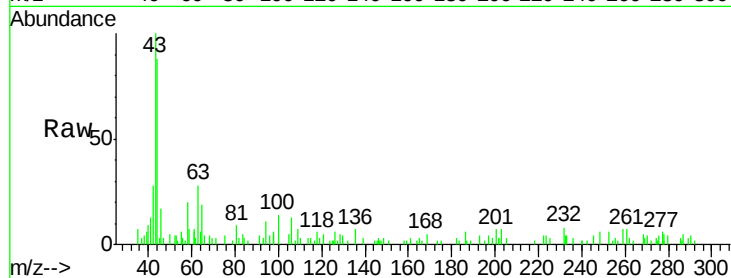




#13
Acetone
Concen: 2.807 ug/L
RT: 3.71 min Scan# 392
Delta R.T. 0.01 min
Lab File: VR025454.D
Acq: 12 Jul 2018 16:28

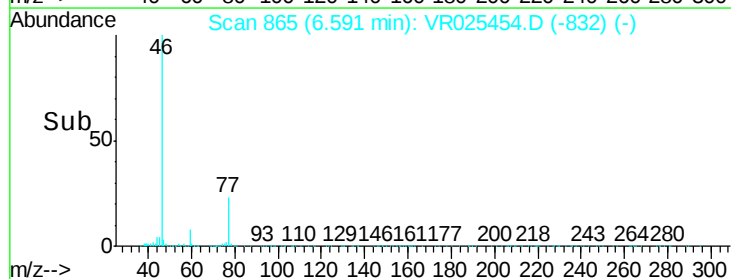
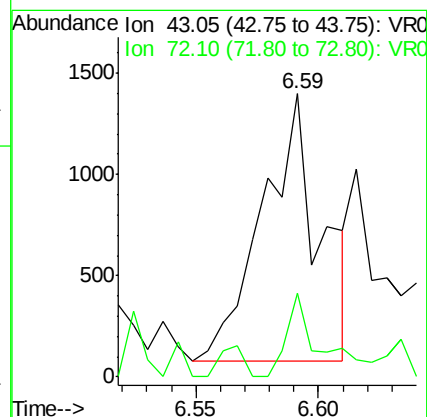
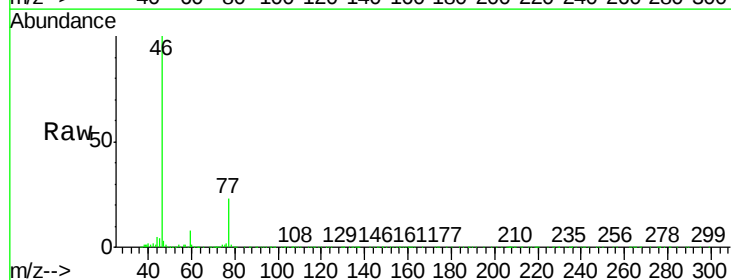
Instrument :
MSVOA_R
ClientSampleId :
C0AH1

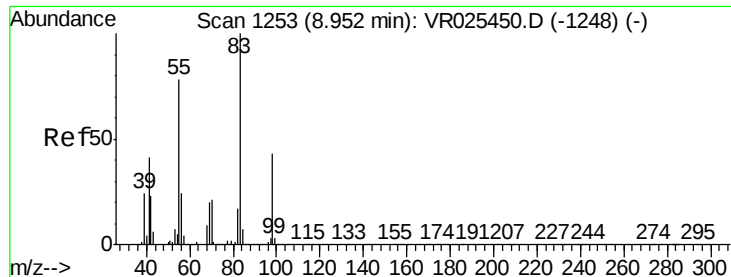
Tgt Ion: 43 Resp: 8087
Ion Ratio Lower Upper
43 100
58 25.3 0.0 41.6



#21
2-Butanone
Concen: 0.322 ug/L
RT: 6.59 min Scan# 865
Delta R.T. -0.10 min
Lab File: VR025454.D
Acq: 12 Jul 2018 16:28

Tgt Ion: 43 Resp: 2159
Ion Ratio Lower Upper
43 100
72 18.2 13.0 38.9





#35

Methylcyclohexane

Concen: 0.939 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.05 min

Lab File: VR025454.D

Acq: 12 Jul 2018 16:28

Instrument :

MSVOA_R

ClientSampleId :

C0AH1

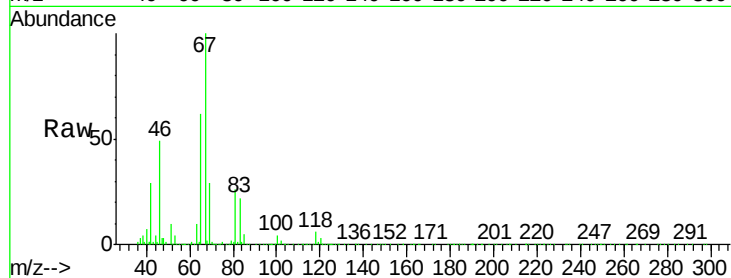
Tgt Ion: 83 Resp: 66831

Ion Ratio Lower Upper

83 100

55 0.9 66.1 99.1#

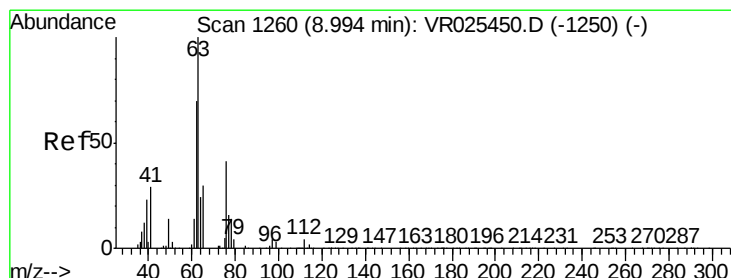
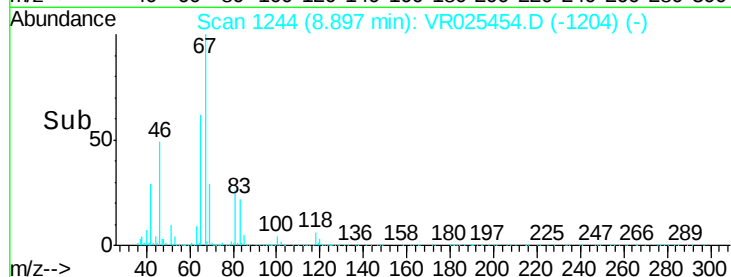
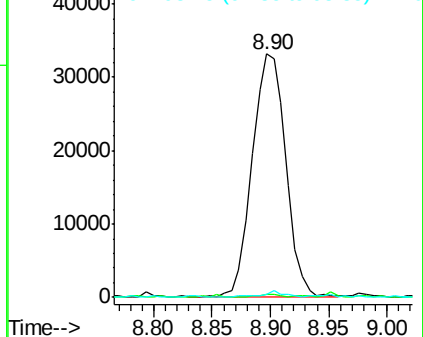
98 1.9 36.2 54.4#



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



#37

1,2-Dichloropropane

Concen: 0.640 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025454.D

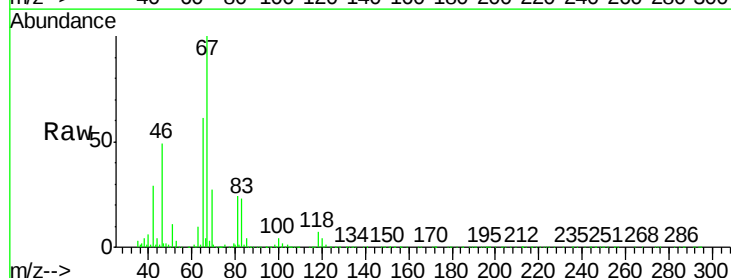
Acq: 12 Jul 2018 16:28

Tgt Ion: 63 Resp: 31128

Ion Ratio Lower Upper

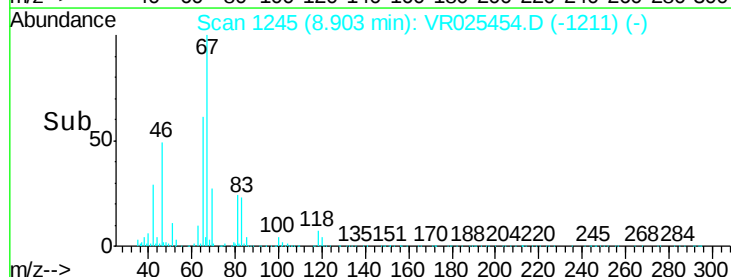
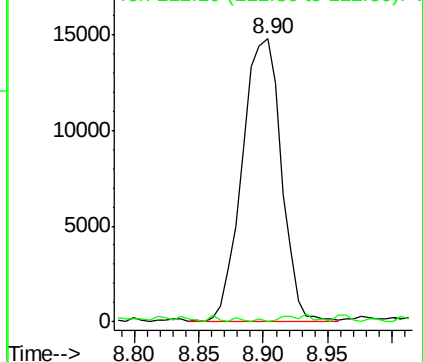
63 100

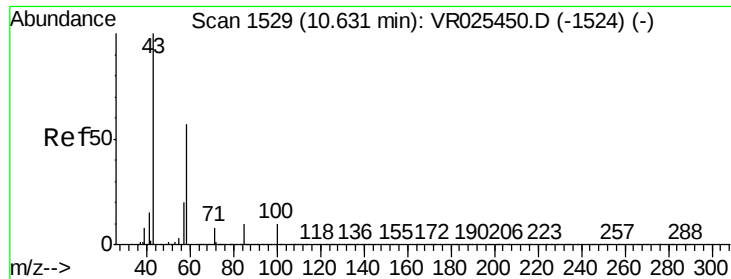
112 0.2 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V





#48
 2-Hexanone
 Concen: 3.607 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025454.D
 Acq: 12 Jul 2018 16:28

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Tgt Ion: 43 Resp: 34966
 Ion Ratio Lower Upper
 43 100
 58 23.6 43.1 64.7#
 57 27.8 15.3 22.9#
 100 2.3 7.9 11.9#

