

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR080718\
 Data File : VR025580.D
 Acq On : 7 Aug 2018 17:11
 Operator : SY/MD
 Sample : J4358-14
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 ESWX5

Quant Time: Aug 08 02:01:58 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR073018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 08 02:00:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.47	114	482626	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	420835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	146170	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	113276	3.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.60%
7) Chloroethane-d5	2.63	69	102080	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	3.63	63	215101	3.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.20%
20) 2-Butanone-d5	6.60	46	149704	60.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.14%
24) Chloroform-d	7.21	84	247022	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	7.90	65	90220	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	7.86	84	511551	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	8.90	67	150007	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	9.97	98	465414	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.80%
43) trans-1,3-Dichloropropene-	10.24	79	28540	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	10.59	63	146899	60.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	121.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	73512	5.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	134936	6.04	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	120.80%#

Target Compounds

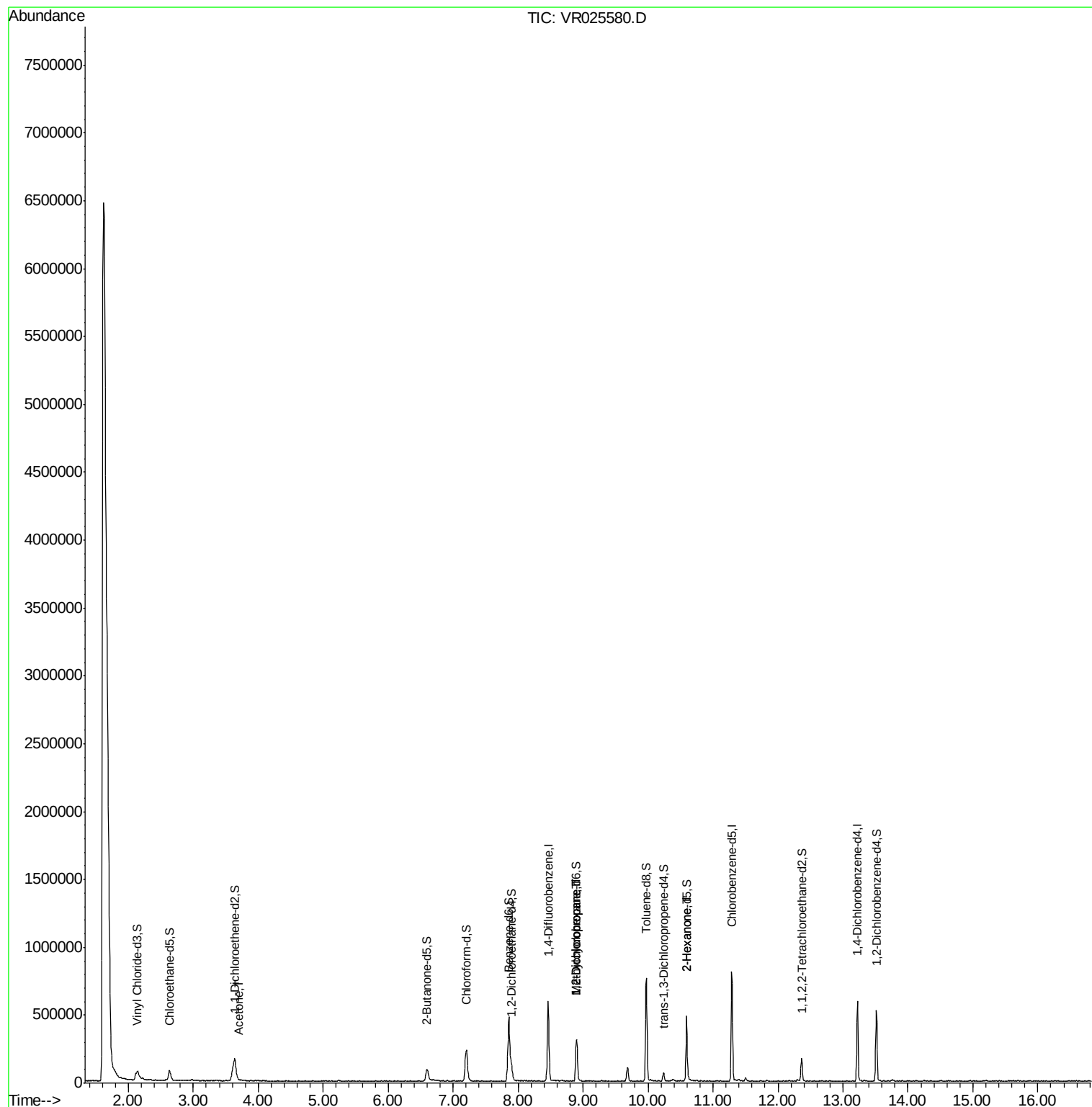
					Qvalue
13) Acetone	3.70	43	3731	1.796 ug/L	92
35) Methylcyclohexane	8.90	83	34618	0.712 ug/L #	22
37) 1,2-Dichloropropane	8.90	63	14799	0.541 ug/L	99
48) 2-Hexanone	10.59	43	18375	3.533 ug/L #	69

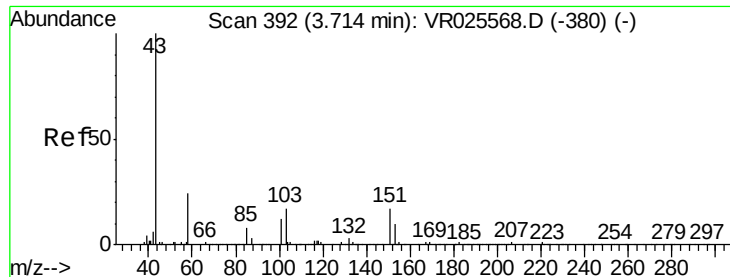
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.796 ug/L

RT: 3.70 min Scan# 390

Delta R.T. -0.01 min

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Instrument :

MSVOA_R

ClientSampleId :

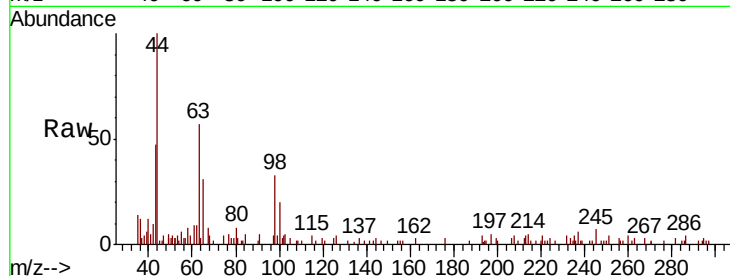
ESWX5

Tgt Ion: 43 Resp: 3731

Ion Ratio Lower Upper

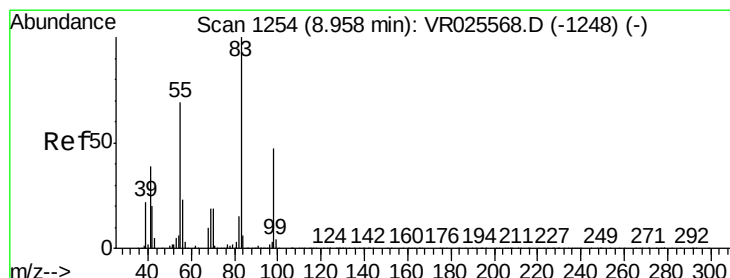
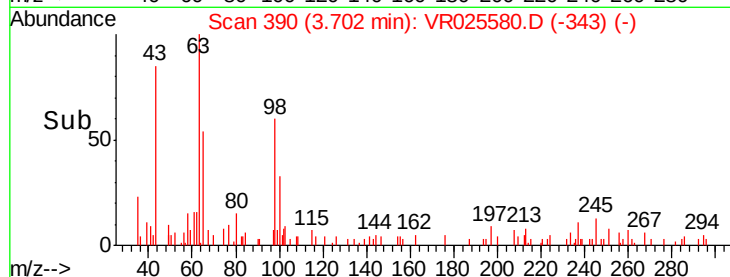
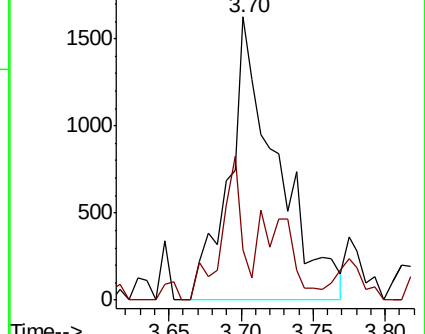
43 100

58 22.5 0.0 53.4



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#35

Methylcyclohexane

Concen: 0.712 ug/L

RT: 8.90 min Scan# 1244

Delta R.T. -0.06 min

Lab File: VR025580.D

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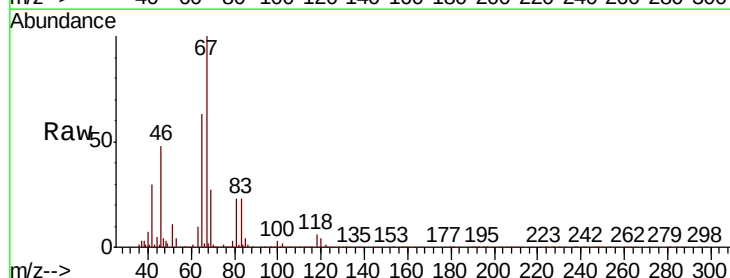
Tgt Ion: 83 Resp: 34618

Ion Ratio Lower Upper

83 100

55 1.5 58.3 87.5#

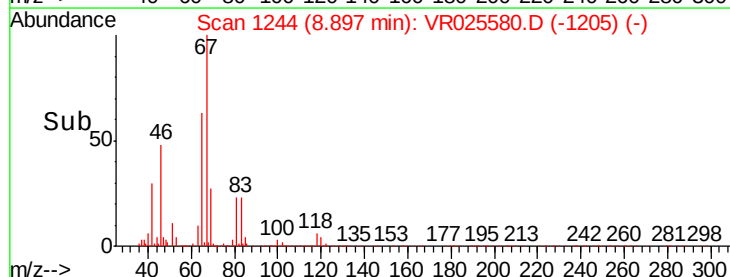
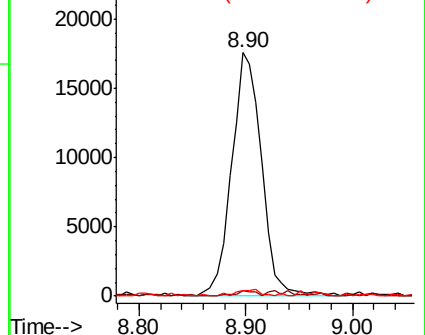
98 2.4 37.8 56.6#

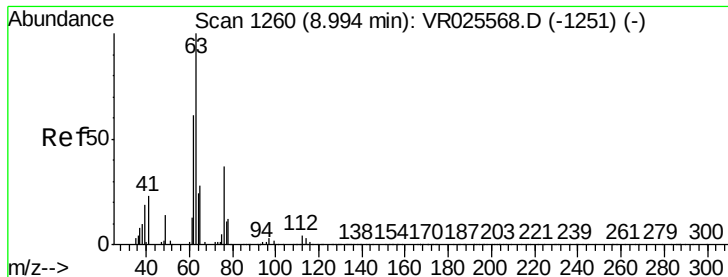


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0

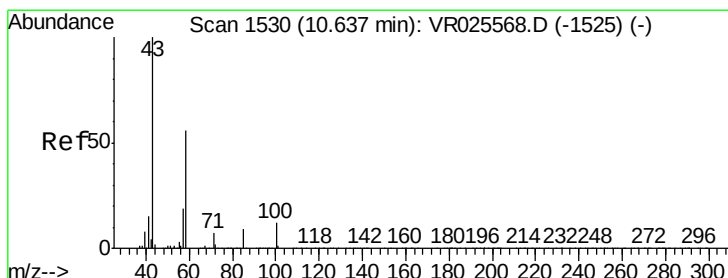
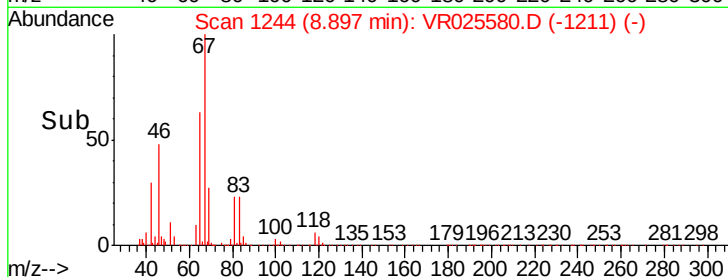
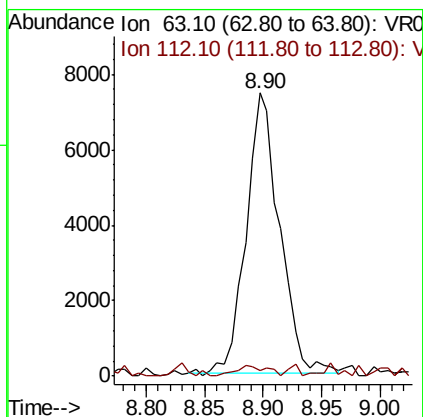
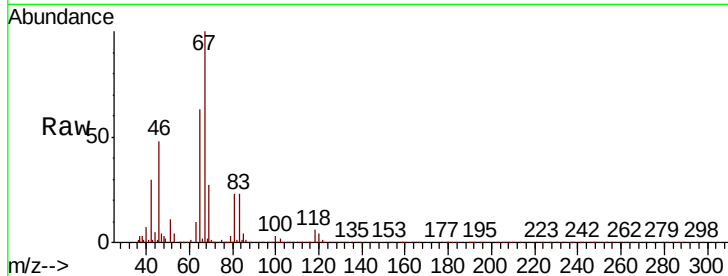




#37
 1,2-Dichloropropane
 Concen: 0.541 ug/L
 RT: 8.90 min Scan# 1244
 Delta R.T. -0.10 min
 Lab File: VR025580.D
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Tgt Ion: 63 Resp: 14799
 Ion Ratio Lower Upper
 63 100
 112 3.6 3.3 4.9



#48
 2-Hexanone
 Concen: 3.533 ug/L
 RT: 10.59 min Scan# 1523
 Delta R.T. -0.04 min
 Lab File: VR025580.D
 Acq: 7 Aug 2018 17:11

Tgt Ion: 43 Resp: 18375
 Ion Ratio Lower Upper
 43 100
 58 31.2 45.0 67.6#
 57 33.6 15.8 23.6#
 100 6.2 9.3 13.9#

