

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071618\
 Data File : VR025479.D
 Acq On : 16 Jul 2018 16:42
 Operator : SY/MD
 Sample : J4002-13
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AH7

Quant Time: Jul 17 01:11:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 17 01:11:10 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.44	114	778194	5.00	ug/L	-0.02
28) Chlorobenzene-d5	11.28	117	622018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	223247	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.13	65	89763	4.18	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.60%
7) Chloroethane-d5	2.61	69	72215	3.95	ug/L	-0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.00%
11) 1,1-Dichloroethene-d2	3.61	63	196870	3.03	ug/L	-0.03
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.60%
20) 2-Butanone-d5	6.55	46	298957	44.86	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.72%
24) Chloroform-d	7.17	84	418151	3.94	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.80%
26) 1,2-Dichloroethane-d4	7.87	65	169092	4.16	ug/L	-0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.20%
32) Benzene-d6	7.83	84	921217	4.43	ug/L	-0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.60%
36) 1,2-Dichloropropane-d6	8.88	67	255422	4.23	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	9.96	98	814376	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	10.23	79	62012	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	10.58	63	241638	46.73	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.46%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	112125	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	83.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	178469	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

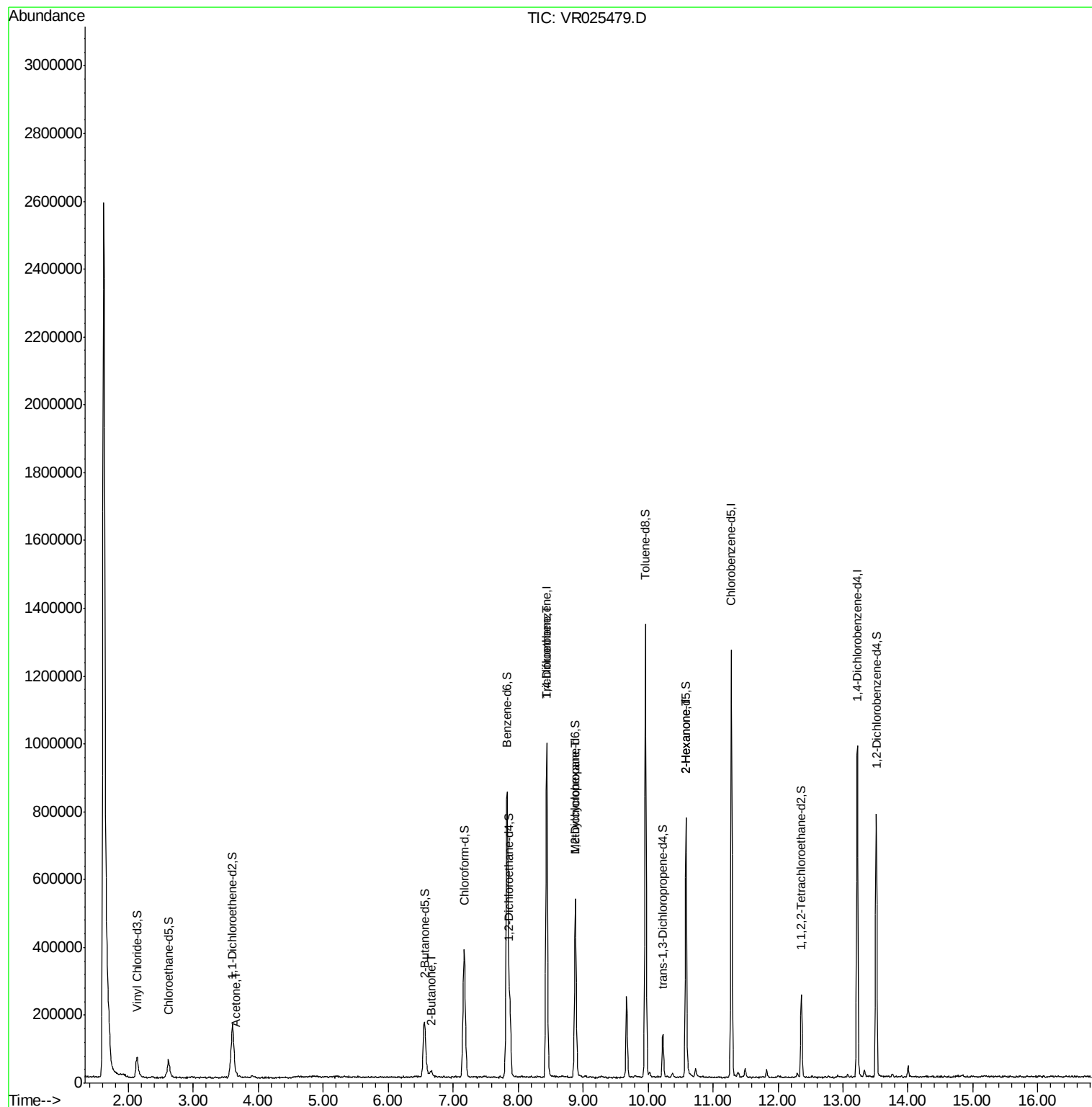
					Qvalue
13) Acetone	3.66	43	14549	4.846 ug/L	98
21) 2-Butanone	6.66	43	3942	0.564 ug/L	98
34) Trichloroethene	8.43	95	21648	0.397 ug/L #	9
35) Methylcyclohexane	8.88	83	59689	0.818 ug/L #	17
48) 2-Hexanone	10.58	43	27761	2.794 ug/L #	69

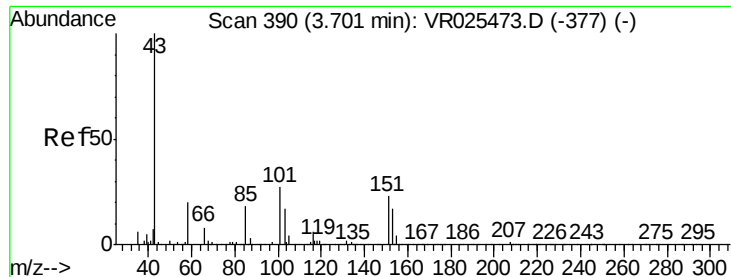
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.846 ug/L

RT: 3.66 min Scan# 383

Delta R.T. -0.04 min

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ClientSampleId :

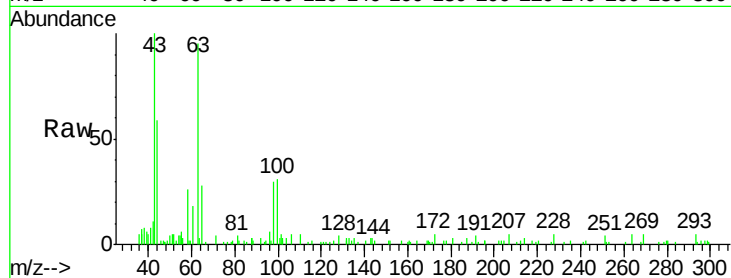
C0AH7

Tgt Ion: 43 Resp: 14549

Ion Ratio Lower Upper

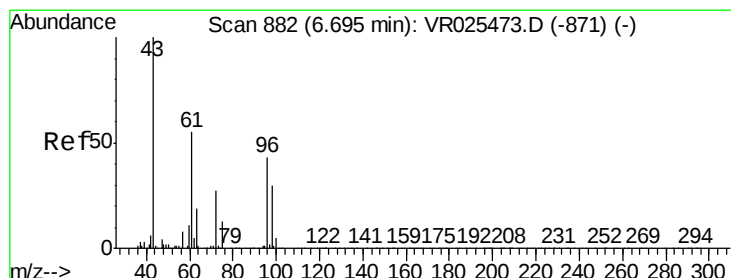
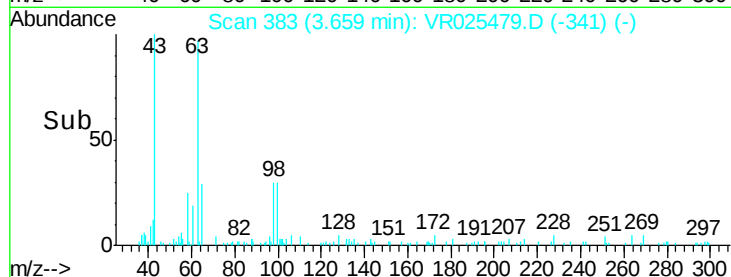
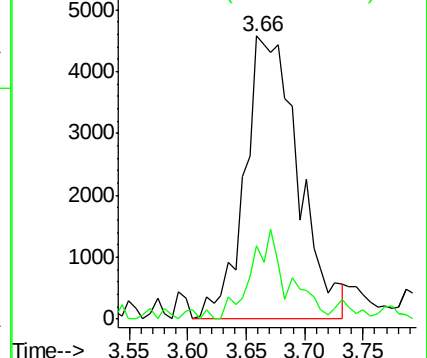
43 100

58 21.6 0.0 41.6



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 58.05 (57.75 to 58.75): VR0



#21

2-Butanone

Concen: 0.564 ug/L

RT: 6.66 min Scan# 877

Delta R.T. -0.03 min

Lab File: VR025479.D

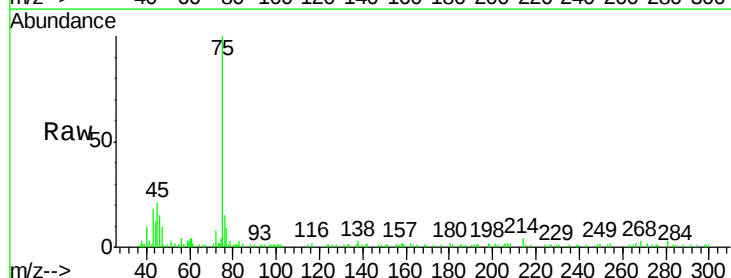
Acq: 16 Jul 2018 16:42

Tgt Ion: 43 Resp: 3942

Ion Ratio Lower Upper

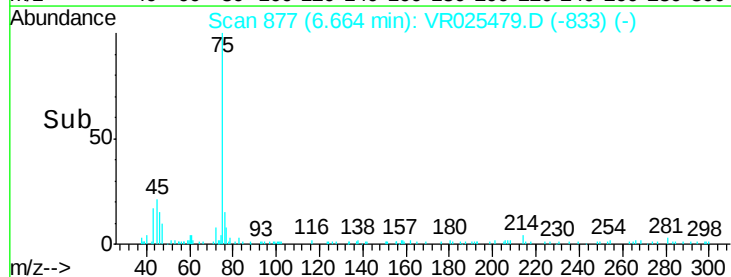
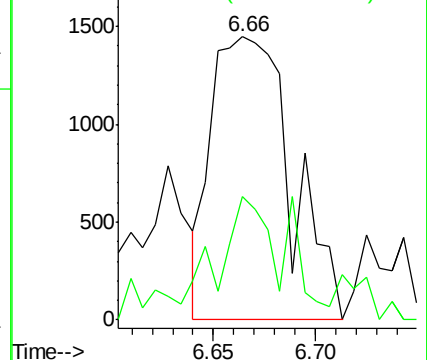
43 100

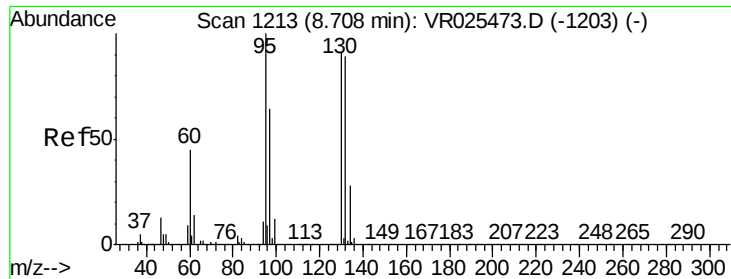
72 27.0 13.0 38.9



Abundance Ion 43.05 (42.75 to 43.75): VR0

Ion 72.10 (71.80 to 72.80): VR0





#34

Trichloroethene

Concen: 0.397 ug/L

RT: 8.43 min Scan# 1168

Delta R.T. -0.27 min

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Instrument :

MSVOA_R

ClientSampleId :

C0AH7

Tgt Ion: 95 Resp: 21648

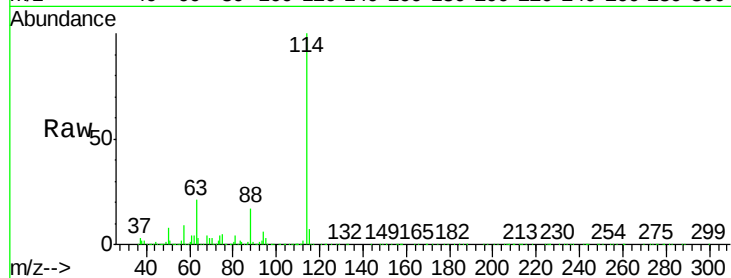
Ion Ratio Lower Upper

95 100

97 0.6 45.6 84.6#

132 0.5 60.9 113.1#

130 0.0 62.0 115.2#

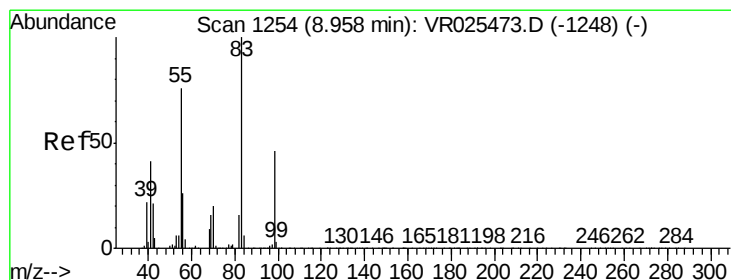
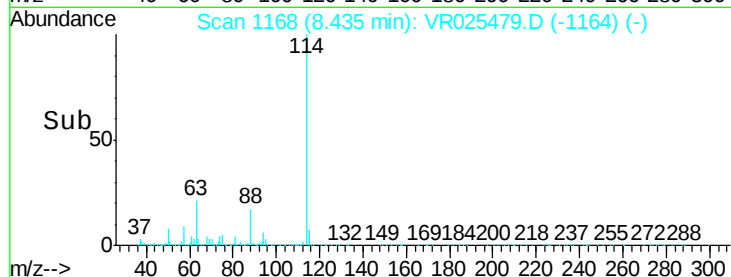
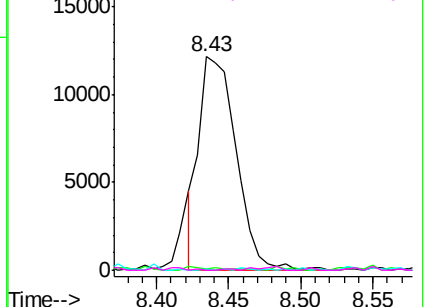


Abundance Ion 95.00 (94.70 to 95.70): VR0

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: 0.818 ug/L

RT: 8.88 min Scan# 1241

Delta R.T. -0.08 min

Lab File: VR025479.D

Acq: 16 Jul 2018 16:42

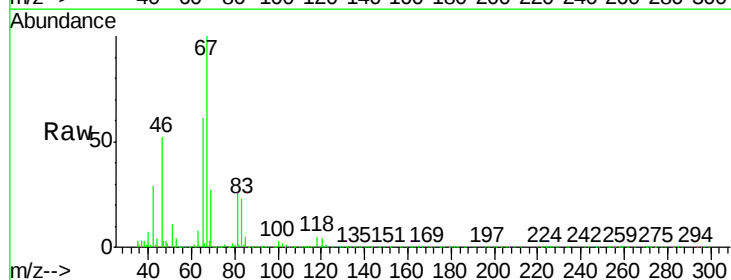
Tgt Ion: 83 Resp: 59689

Ion Ratio Lower Upper

83 100

55 1.1 66.1 99.1#

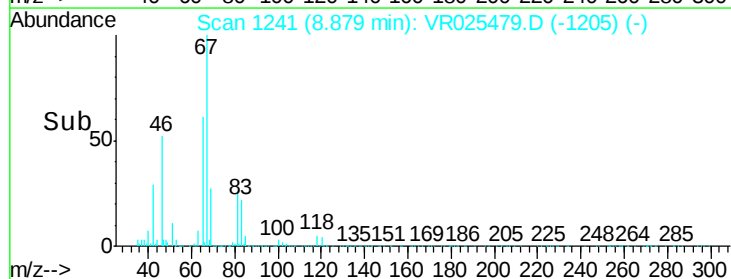
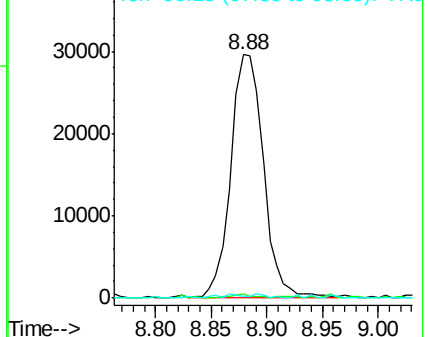
98 0.8 36.2 54.4#

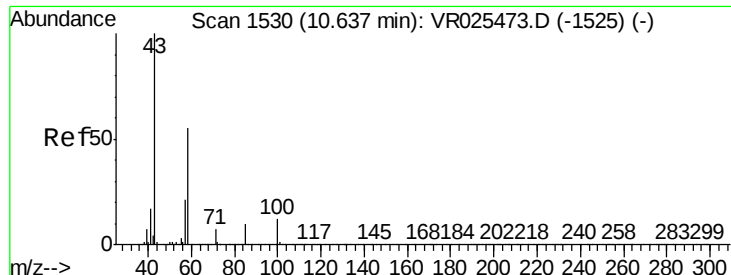


Abundance Ion 83.15 (82.85 to 83.85): VR0

Ion 55.10 (54.80 to 55.80): VR0

Ion 98.15 (97.85 to 98.85): VR0





#48
 2-Hexanone
 Concen: 2.794 ug/L
 RT: 10.58 min Scan# 1521
 Delta R.T. -0.05 min
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Tgt Ion: 43 Resp: 27761
 Ion Ratio Lower Upper
 43 100
 58 26.4 43.1 64.7#
 57 27.5 15.3 22.9#
 100 5.1 7.9 11.9#

