

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR062018\
 Data File : VR025388.D
 Acq On : 20 Jun 2018 19:14
 Operator : SY/MD
 Sample : J3549-23
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Quant Time: Jun 21 01:42:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 21 01:40:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	592092	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	497066	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	164372	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	88307	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	2.66	69	59112	3.99	ug/L	0.02
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.80%
11) 1,1-Dichloroethene-d2	3.64	63	174784	3.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.40%
20) 2-Butanone-d5	6.60	46	299973	55.49	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.98%
24) Chloroform-d	7.20	84	378862	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
26) 1,2-Dichloroethane-d4	7.89	65	161102	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	7.86	84	831942	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
36) 1,2-Dichloropropane-d6	8.90	67	245378	5.12	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.40%
41) Toluene-d8	9.97	98	723328	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	10.24	79	41688	3.27	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	65.40%
46) 2-Hexanone-d5	10.59	63	252802	57.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.32%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	105227	5.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	157136	5.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.80%

Target Compounds

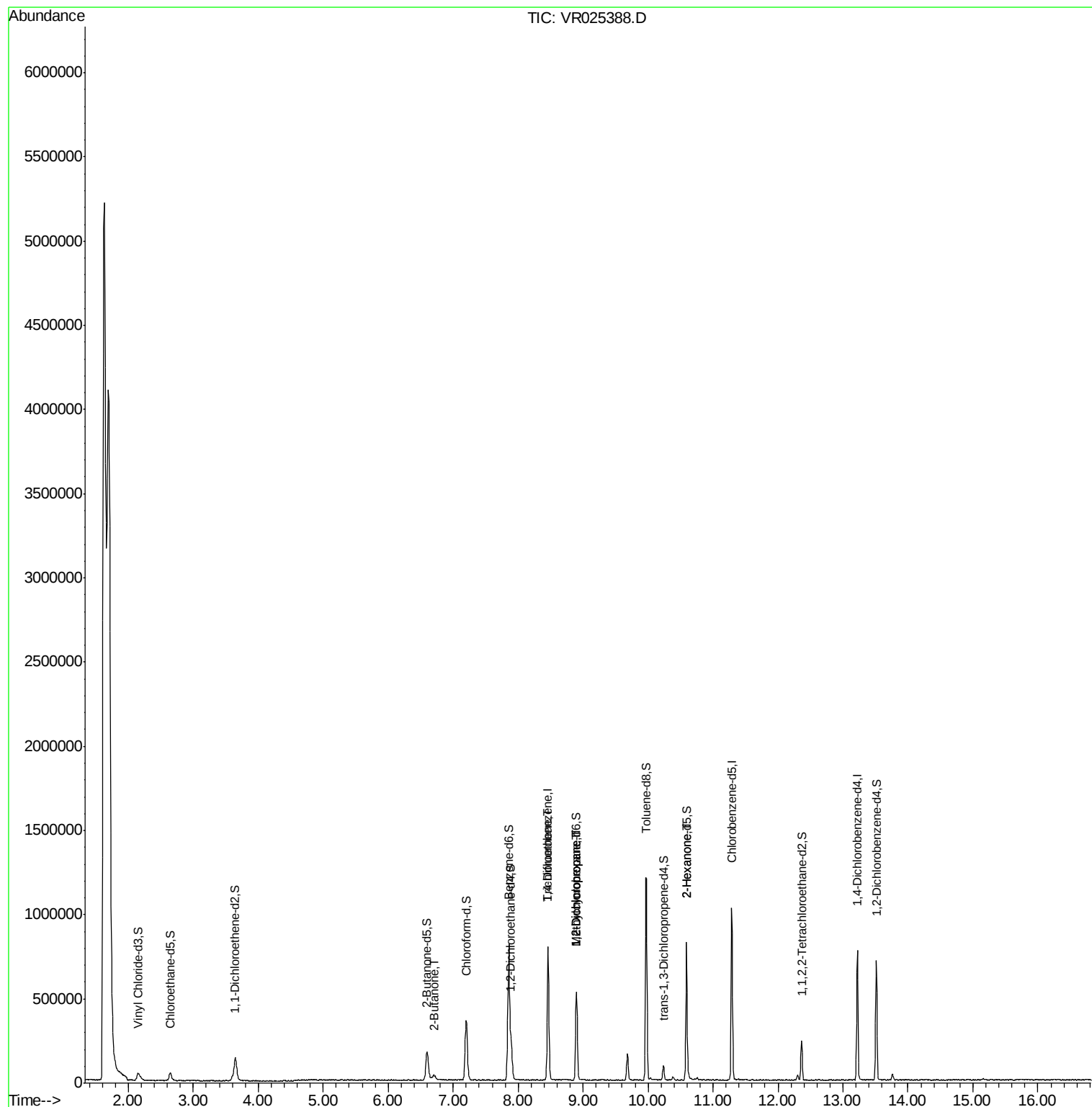
					Qvalue
21) 2-Butanone	6.69	43	1429	0.248 ug/L	99
34) Trichloroethene	8.46	95	16624	0.352 ug/L #	9
35) Methylcyclohexane	8.90	83	53867	0.723 ug/L #	18
37) 1,2-Dichloropropane	8.90	63	25925	0.598 ug/L #	90
48) 2-Hexanone	10.59	43	30341	3.390 ug/L #	73

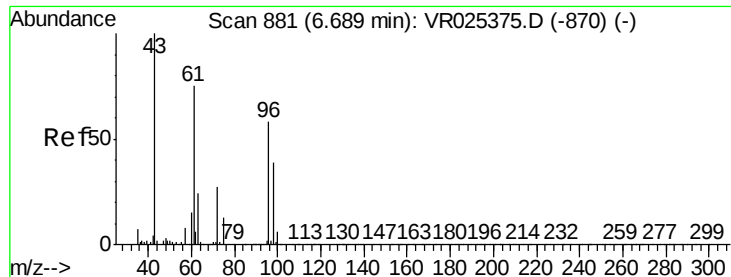
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#21

2-Butanone

Concen: 0.248 ug/L

RT: 6.69 min Scan# 882

Delta R.T. 0.01 min

Lab File: VR025388.D

Acq: 20 Jun 2018 19:14

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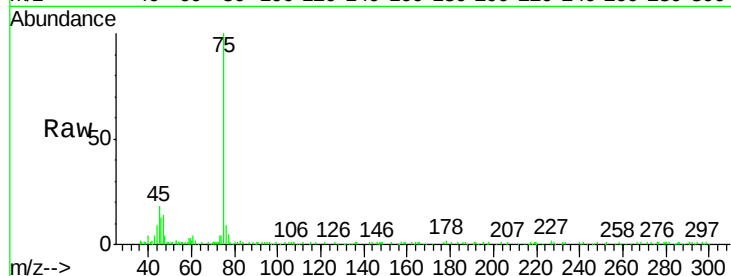
VHBLK01

Tgt Ion: 43 Resp: 1429

Ion Ratio Lower Upper

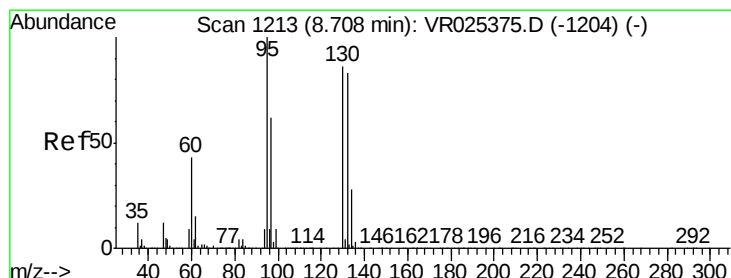
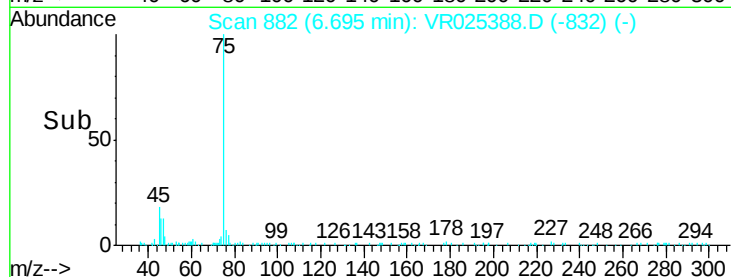
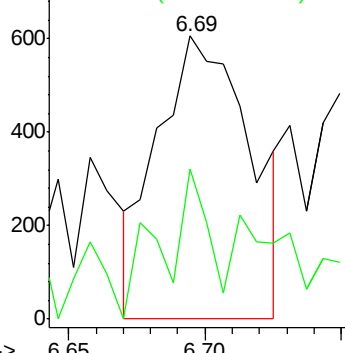
43 100

72 26.6 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: 0.352 ug/L

RT: 8.46 min Scan# 1173

Delta R.T. -0.24 min

Lab File: VR025388.D

Acq: 20 Jun 2018 19:14

Tgt Ion: 95 Resp: 16624

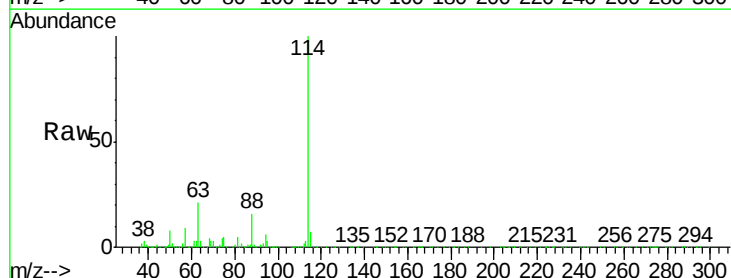
Ion Ratio Lower Upper

95 100

97 0.9 45.6 84.6#

132 0.0 60.9 113.1#

130 0.0 62.0 115.2#

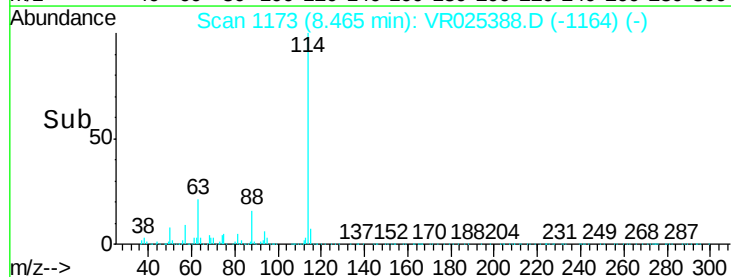
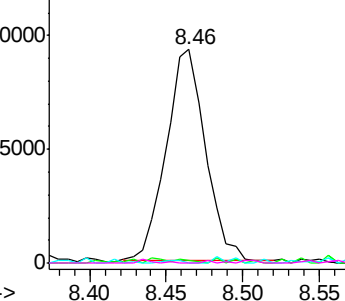


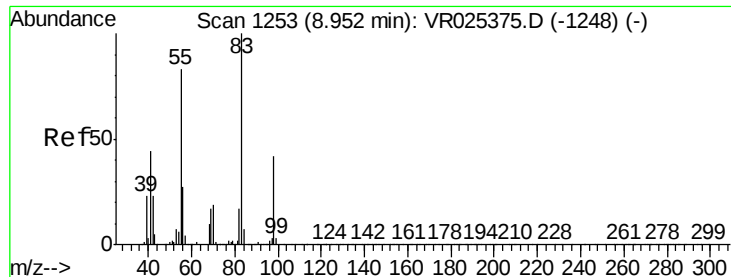
Abundance Ion 95.00 (94.70 to 95.70): VR0

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

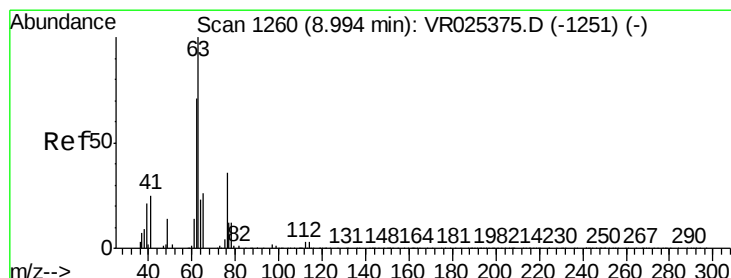
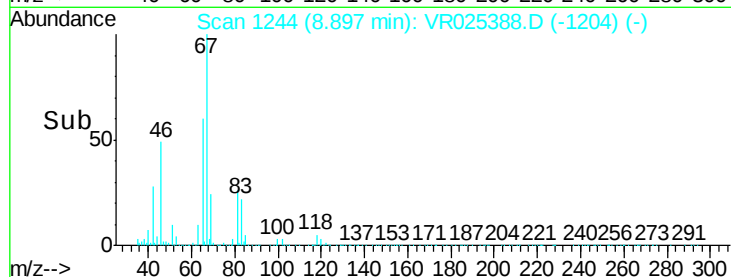
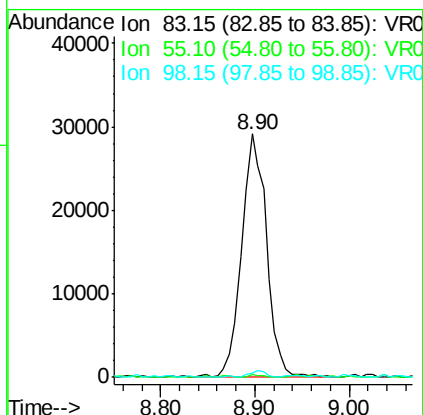
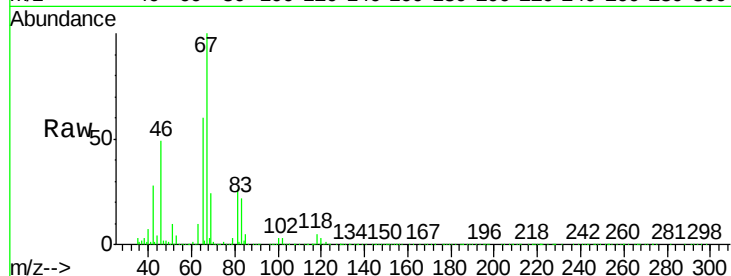




#35
Methylcyclohexane
Concen: 0.723 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.05 min
Lab File: VR025388.D
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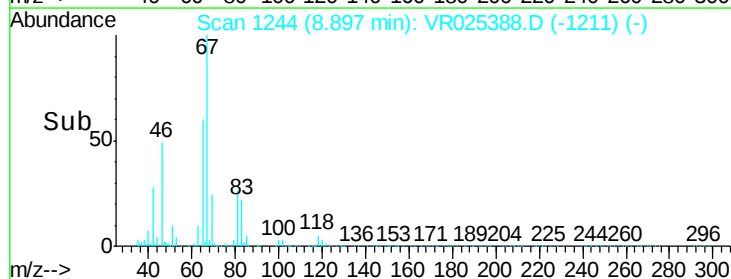
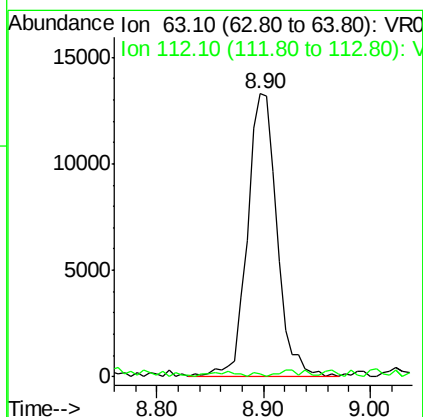
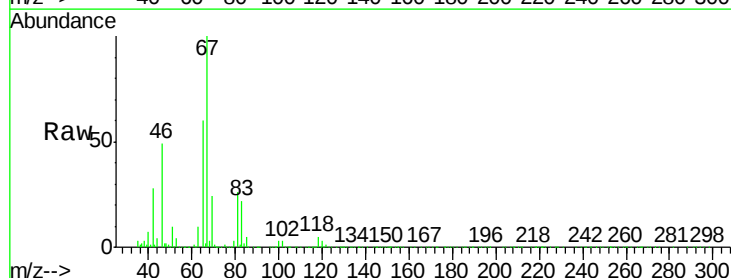
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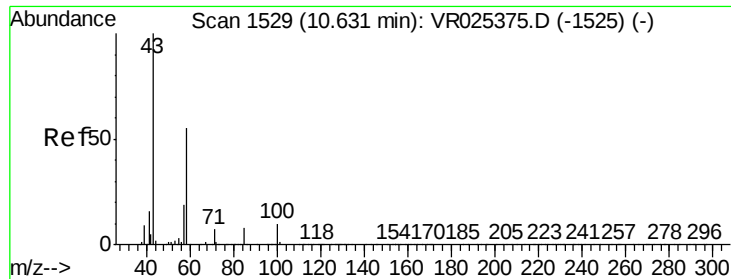
Tgt Ion: 83 Resp: 53867
Ion Ratio Lower Upper
83 100
55 0.7 66.1 99.1#
98 2.0 36.2 54.4#



#37
1,2-Dichloropropane
Concen: 0.598 ug/L
RT: 8.90 min Scan# 1244
Delta R.T. -0.10 min
Lab File: VR025388.D
Acq: 20 Jun 2018 19:14

Tgt Ion: 63 Resp: 25925
Ion Ratio Lower Upper
63 100
112 0.5 2.9 4.3#





#48
 2-Hexanone
 Concen: 3.390 ug/L
 RT: 10.59 min Scan# 1522
 Delta R.T. -0.04 min
 Lab File: VR025388.D
 Acq: 20 Jun 2018 19:14

Instrument :
 MSVOA_R
 ClientSampleId :
 VHBLK01

Tgt Ion: 43 Resp: 30341
 Ion Ratio Lower Upper
 43 100
 58 31.7 43.1 64.7#
 57 29.5 15.3 22.9#
 100 4.9 7.9 11.9#

