

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_R\DATA\VR071718\
 Data File : VR025492.D
 Acq On : 17 Jul 2018 14:47
 Operator : SY/MD
 Sample : J4002-05 40X
 Misc : 25mL/MSVOA_R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG3

Quant Time: Jul 18 01:04:40 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 18 01:02:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	821514	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	667339	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	261250	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	116960	5.16	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.20%
7) Chloroethane-d5	2.64	69	88198	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	3.63	63	228581	3.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.60%
20) 2-Butanone-d5	6.60	46	314625	44.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.46%
24) Chloroform-d	7.21	84	459882	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.20%
26) 1,2-Dichloroethane-d4	7.90	65	188690	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	7.86	84	995609	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	8.90	67	272168	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.00%
41) Toluene-d8	9.97	98	896134	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.40%
43) trans-1,3-Dichloropropene-	10.24	79	74528	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
46) 2-Hexanone-d5	10.59	63	256659	46.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	118725	4.10	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	202228	4.69	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.80%

Target Compounds

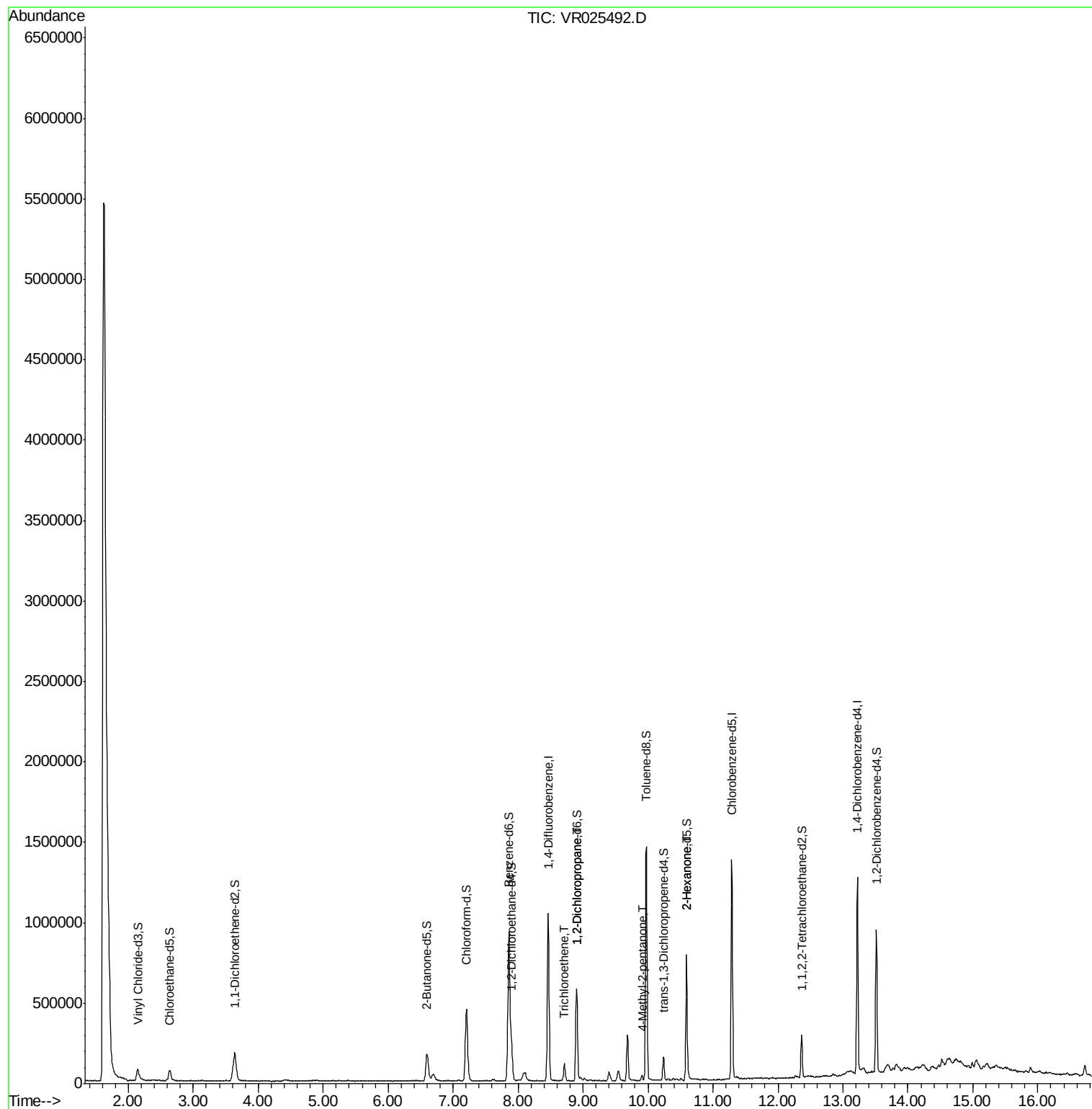
					Qvalue
34) Trichloroethene	8.71	95	37953	0.648 ug/L	95
37) 1,2-Dichloropropane	8.90	63	30788	0.576 ug/L #	95
40) 4-Methyl-2-pentanone	9.90	43	5282	0.341 ug/L #	67
48) 2-Hexanone	10.59	43	33320	3.126 ug/L #	64

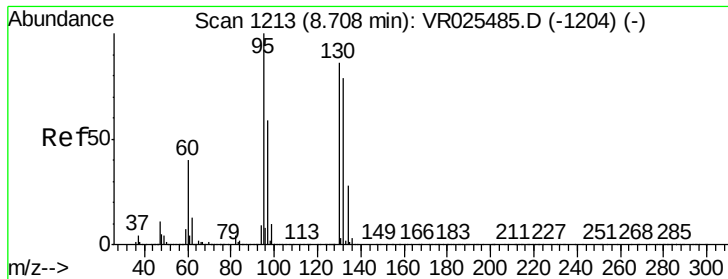
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#34

Trichloroethene

Concen: 0.648 ug/L

RT: 8.71 min Scan# 1214

Delta R.T. 0.01 min

Lab File: VR025492.D

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Instrument :

MSVOA_R

ClientSampleId :

C0AG3

Tgt Ion: 95 Resp: 37953

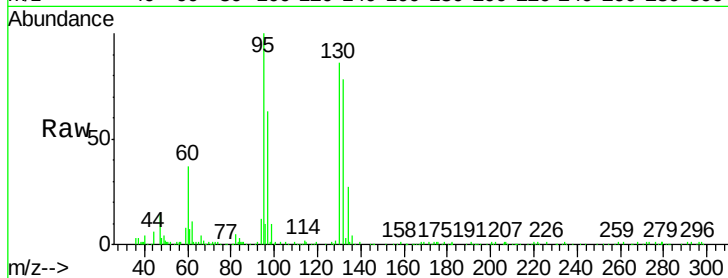
Ion Ratio Lower Upper

95 100

97 63.4 45.6 84.6

132 78.4 60.9 113.1

130 86.2 62.0 115.2

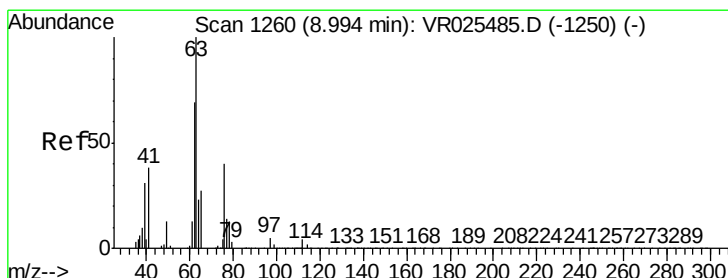
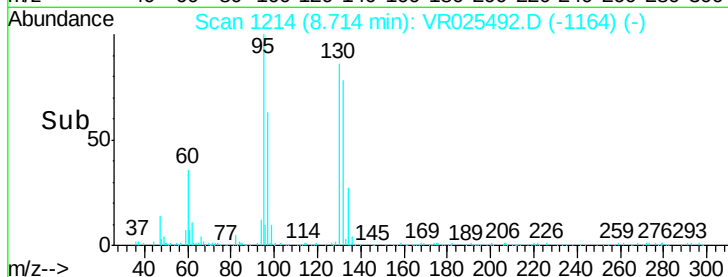
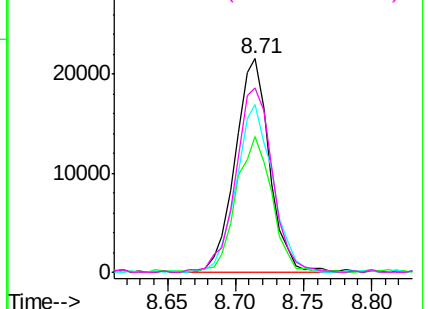


Abundance Ion 95.00 (94.70 to 95.70): VR0

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



#37

1,2-Dichloropropane

Concen: 0.576 ug/L

RT: 8.90 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VR025492.D

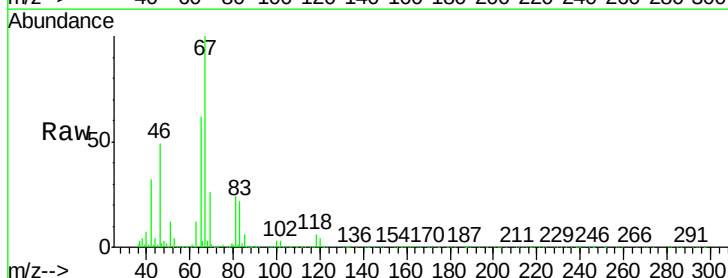
Acq: 17 Jul 2018 14:47

Tgt Ion: 63 Resp: 30788

Ion Ratio Lower Upper

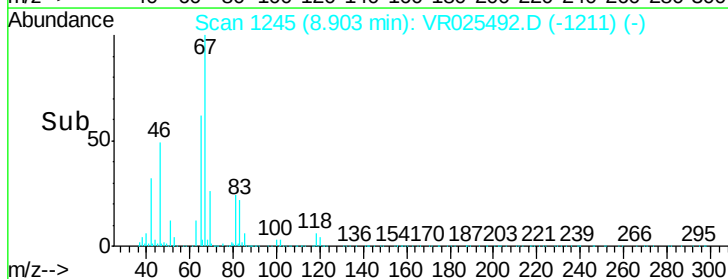
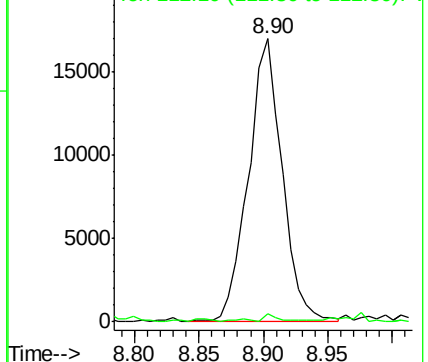
63 100

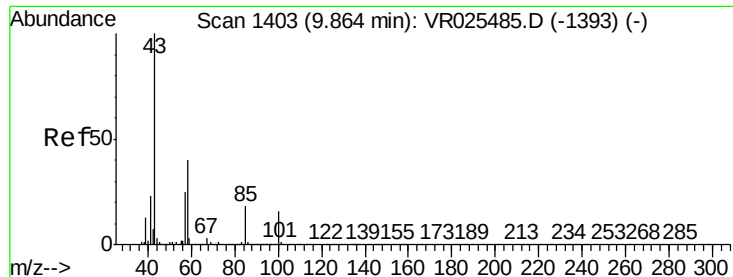
112 1.9 2.9 4.3#



Abundance Ion 63.10 (62.80 to 63.80): VR0

Ion 112.10 (111.80 to 112.80): V

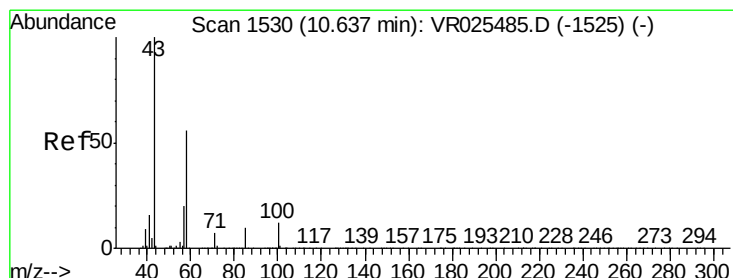
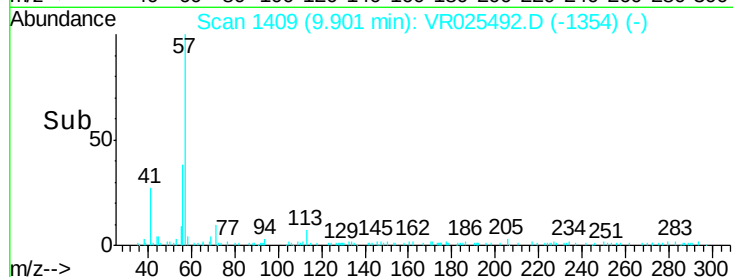
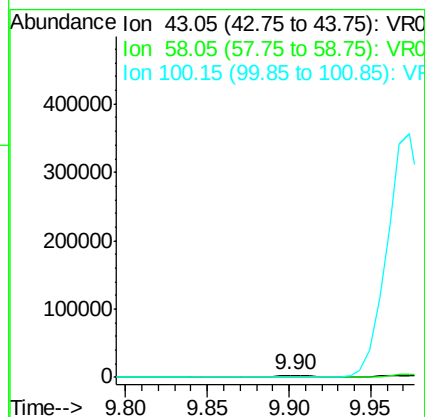
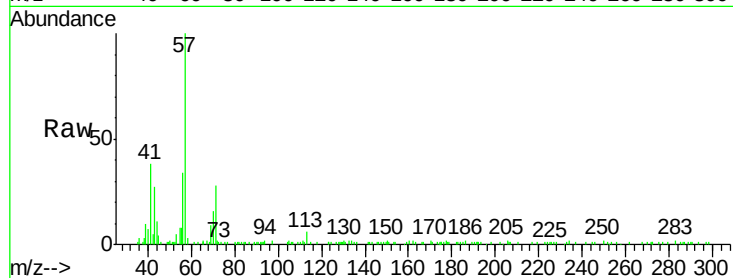




#40
4-Methyl-2-pentanone
Concen: 0.341 ug/L
RT: 9.90 min Scan# 1409
Delta R.T. 0.04 min
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Tgt Ion: 43 Resp: 5282
Ion Ratio Lower Upper
43 100
58 17.6 30.3 45.5#
100 0.0 10.3 15.5#



#48
2-Hexanone
Concen: 3.126 ug/L
RT: 10.59 min Scan# 1522
Delta R.T. -0.05 min
Lab File: VR025492.D
Acq: 17 Jul 2018 14:47

Tgt Ion: 43 Resp: 33320
Ion Ratio Lower Upper
43 100
58 23.5 43.1 64.7#
57 30.0 15.3 22.9#
100 1.5 7.9 11.9#

