

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025503.D
 Acq On : 18 Jul 2018 12:56
 Operator : SY/MD
 Sample : J4002-06DL 8X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleID :
 C0AG4DL

Manual Integrations
 APPROVED

MMDadoda
 7/20/2018 3:13:47 PM

Quant Time: Jul 19 05:27:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR070518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 19 05:17:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	701982	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	557798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	197789	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.14	65	84110	4.35	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	2.63	69	64093	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.80%
11) 1,1-Dichloroethene-d2	3.63	63	171990	2.93	ug/L	-0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.60%#
20) 2-Butanone-d5	6.60	46	243096	40.44	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.88%
24) Chloroform-d	7.20	84	375444	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.40%
26) 1,2-Dichloroethane-d4	7.89	65	147351	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.40%
32) Benzene-d6	7.86	84	797613	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	8.90	67	226465	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.60%
41) Toluene-d8	9.97	98	701792	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	10.24	79	54190	3.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.60%
46) 2-Hexanone-d5	10.59	63	197075	42.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	85.00%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	94307	3.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	77.80%
64) 1,2-Dichlorobenzene-d4	13.51	152	156437	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds					Ovalue
16) Methylene chloride	4.40	84	20874m	1.02	ug/L
22) cis-1,2-Dichloroethene	6.68	96	106753	2.23	ug/L
34) Trichloroethene	8.71	95	427525	8.73	ug/L
47) Tetrachloroethene	10.52	164	6928	0.22	ug/L

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

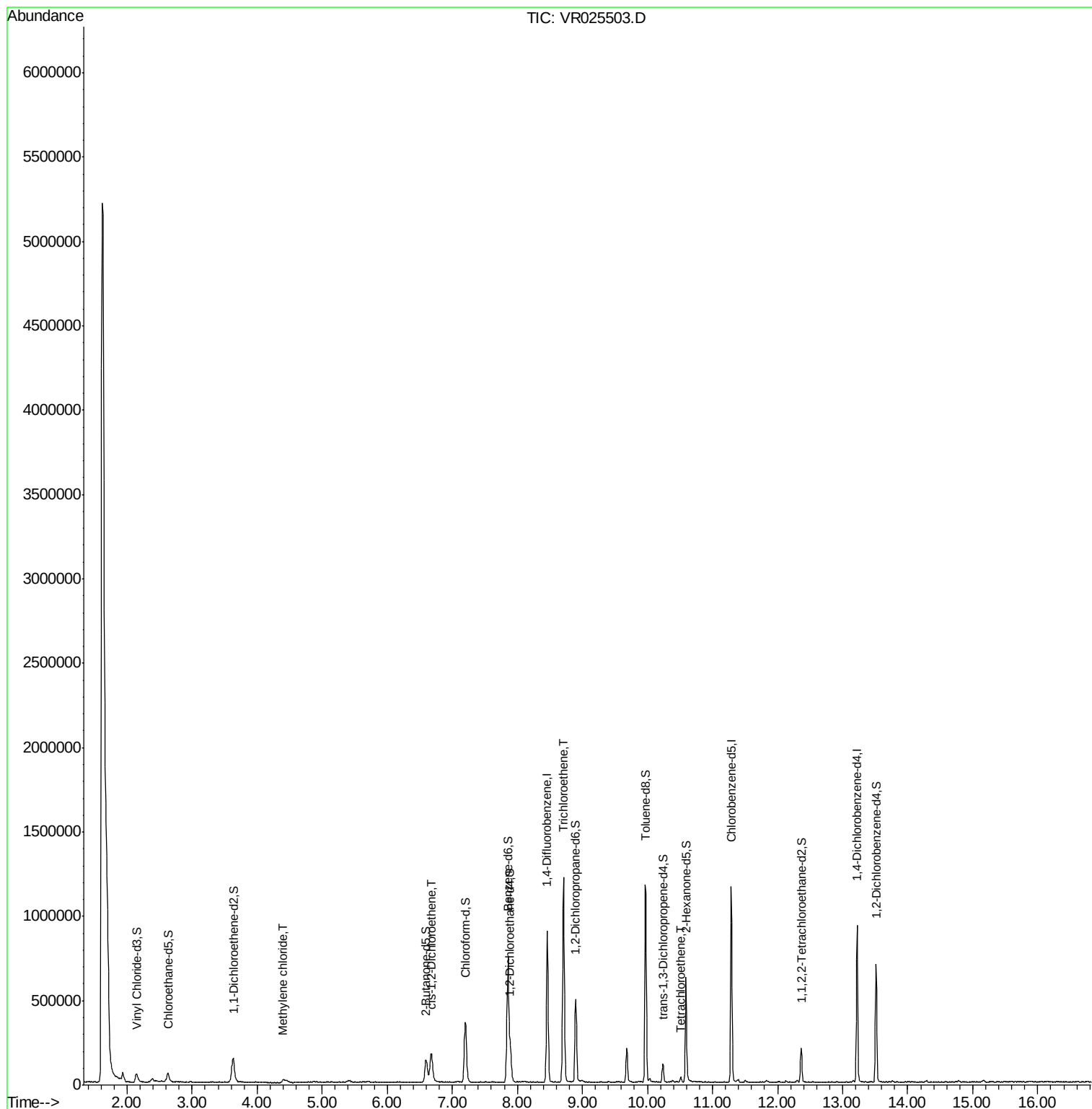
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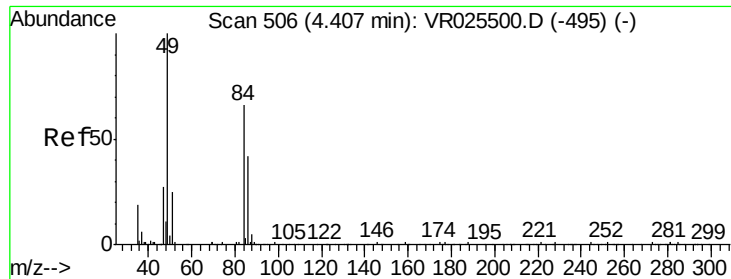
Instrument :
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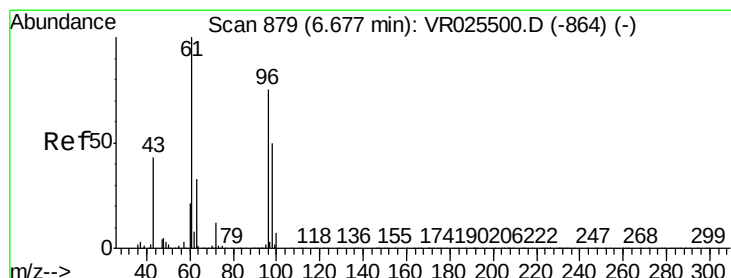
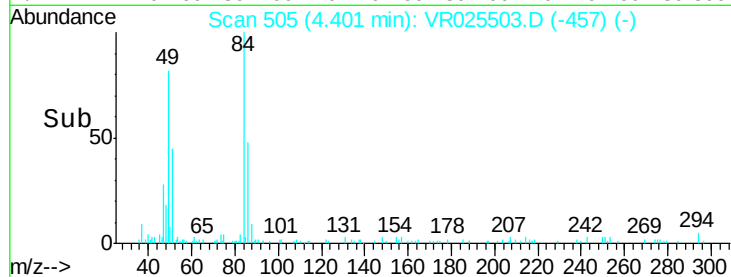
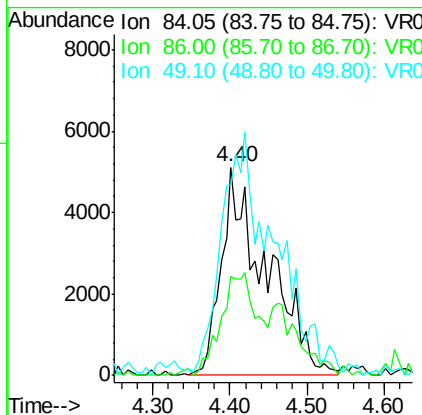
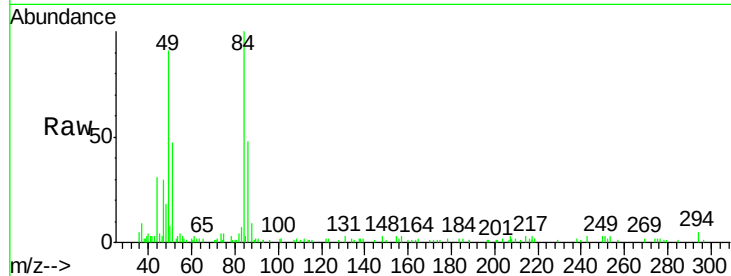
#16
Methylene chloride
Concen: 1.02 ug/L m
RT: 4.40 min Scan# 505
Delta R.T. -0.01 min
Lab File: VR025503.D
Acq: 18 Jul 2018 12:56

Instrument :
MSVOA_R
ClientSampleId :
C0AG4DL

Tot Ion	Ratio	Lower	Upper
84	100		
86	47.5	43.7	81.1
49	91.2	87.2	162.0

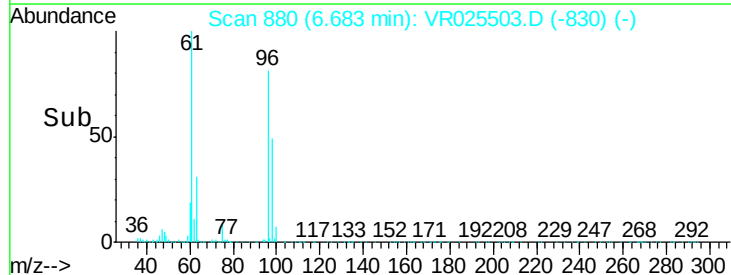
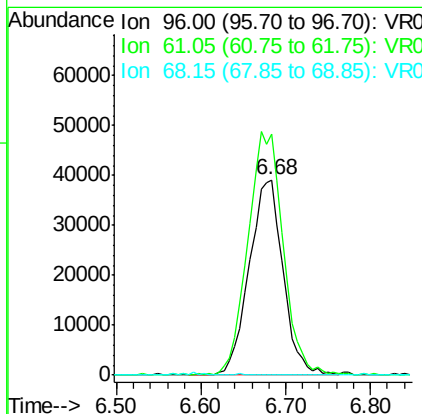
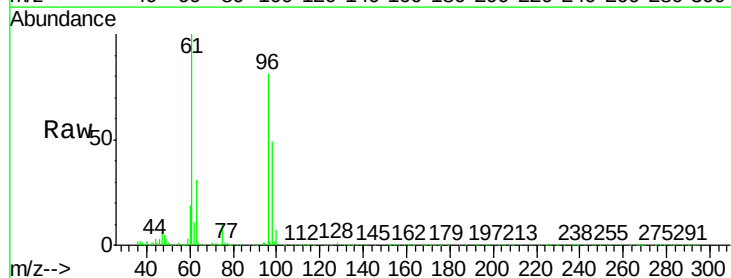
Manual Integrations
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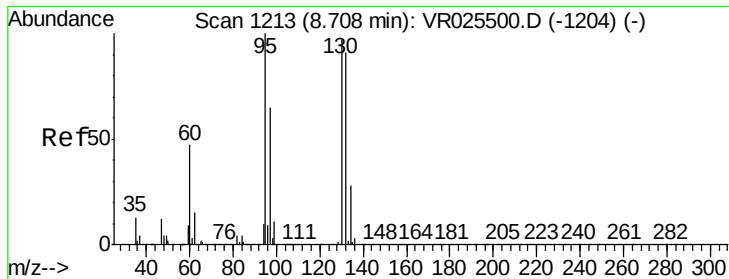
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#22
cis-1,2-Dichloroethene
Concen: 2.23 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025503.D
Acq: 18 Jul 2018 12:56

Tgt Ion	Ratio	Lower	Upper
96	100		
61	123.4	91.0	169.0
68	0.0	0.0	0.0





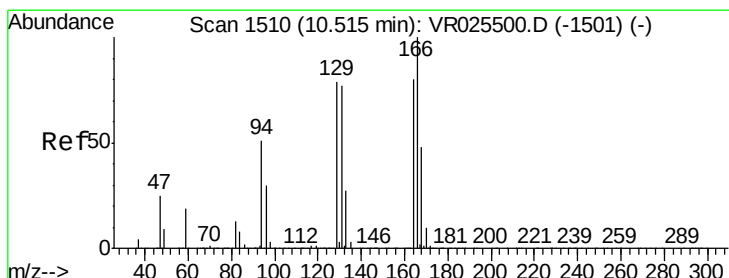
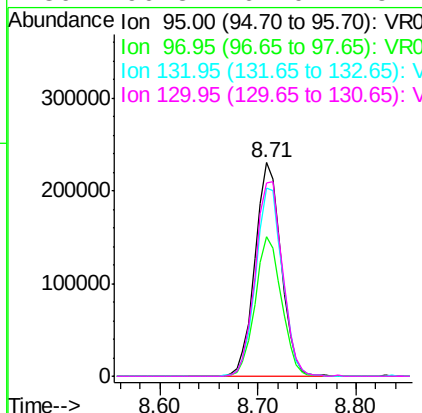
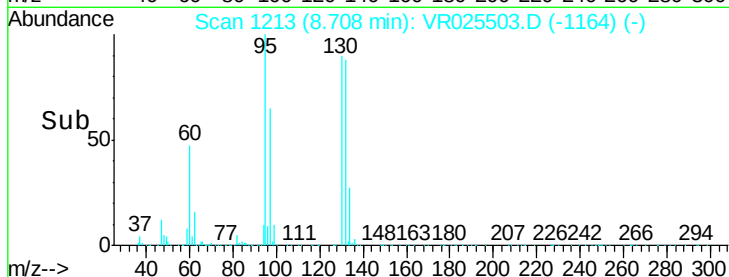
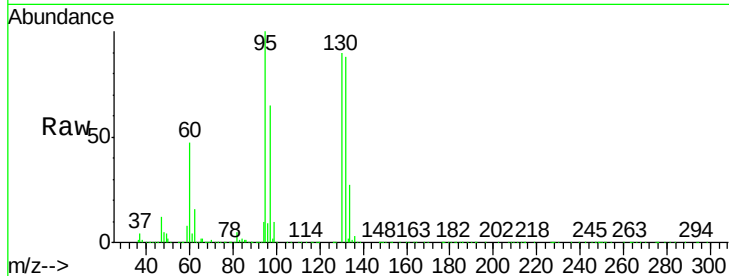
#34
 Trichloroethene
 Concen: 8.73 ug/L
 RT: 8.71 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: VR025503.D
 Acq: 18 Jul 2018 12:56

Instrument :
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Tot Ion	Ratio	Resp	Lower	Upper
95	100	427525		
97	65.2	45.6	84.6	
132	88.3	60.9	113.1	
130	90.3	62.0	115.2	

Manual Integrations
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#47
 Tetrachloroethene
 Concen: 0.22 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VR025503.D
 Acq: 18 Jul 2018 12:56

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	6928		
129	81.9	68.1	126.5	
131	118.3	68.5	127.1	
166	139.6	89.9	166.9	

