

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR071818\
 Data File : VR025505.D
 Acq On : 18 Jul 2018 14:17
 Operator : SY/MD
 Sample : J4002-04DL2 1000X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 C0AG1DL2

Quant Time: Jul 19 05:38:24 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	922724	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	731182	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	247206	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	76395	3.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.00%
7) Chloroethane-d5	2.63	69	65159	3.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	60.20%#
11) 1,1-Dichloroethene-d2	3.63	63	176118	2.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	45.80%#
20) 2-Butanone-d5	6.60	46	227877	28.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	57.68%
24) Chloroform-d	7.20	84	366541	2.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	58.20%#
26) 1,2-Dichloroethane-d4	7.89	65	142671	2.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	59.20%#
32) Benzene-d6	7.86	84	780937	3.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	63.80%#
36) 1,2-Dichloropropane-d6	8.90	67	223140	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	62.80%
41) Toluene-d8	9.97	98	689464	3.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	64.20%#
43) trans-1,3-Dichloropropene-	10.24	79	55484	2.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.00%
46) 2-Hexanone-d5	10.59	63	188205	30.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	61.92%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	93000	2.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	58.60%#
64) 1,2-Dichlorobenzene-d4	13.51	152	146977	3.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	72.00%#

Target Compounds

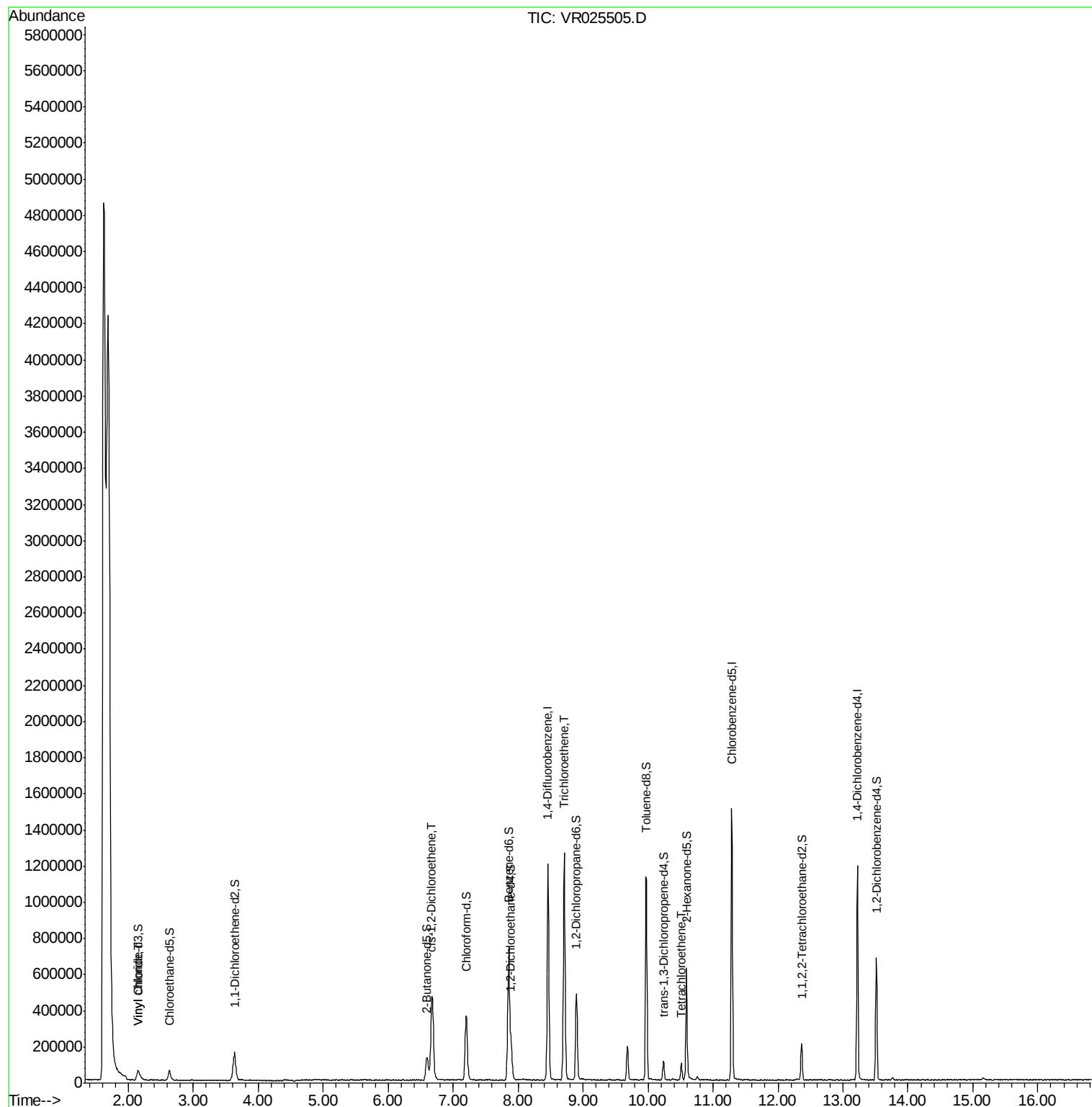
					Ovalue
5) Vinyl chloride	2.16	62	29691	1.07	ug/L 95
22) cis-1,2-Dichloroethene	6.68	96	295555	4.69	ug/L 94
34) Trichloroethene	8.71	95	449230	7.00	ug/L 97
47) Tetrachloroethene	10.52	164	18484	0.44	ug/L 87

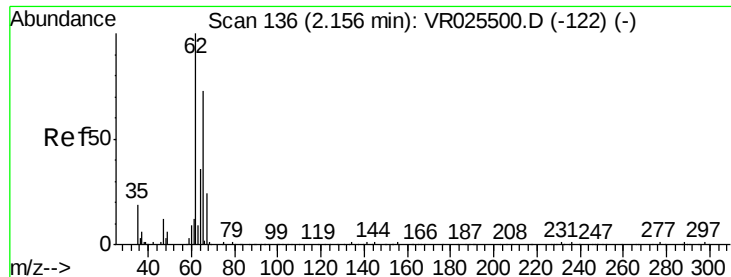
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 1.07 ug/L

RT: 2.16 min Scan# 136

Delta R.T. 0.00 min

Lab File: VR025505.D

Acq: 18 Jul 2018 14:17

Instrument :

MSVOA_R

ClientSampled :

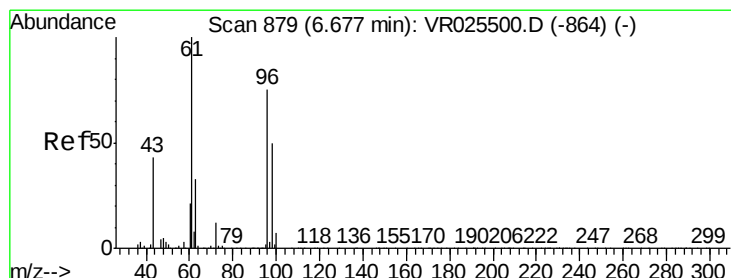
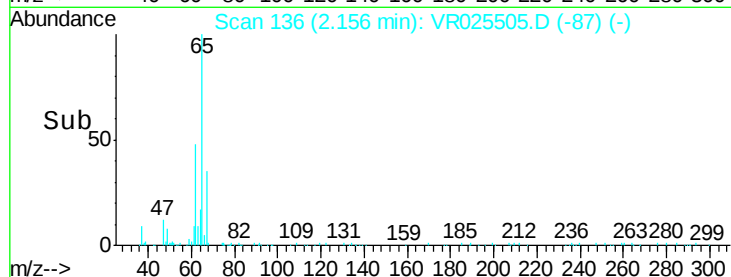
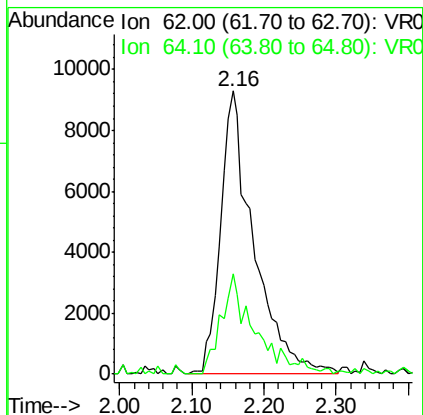
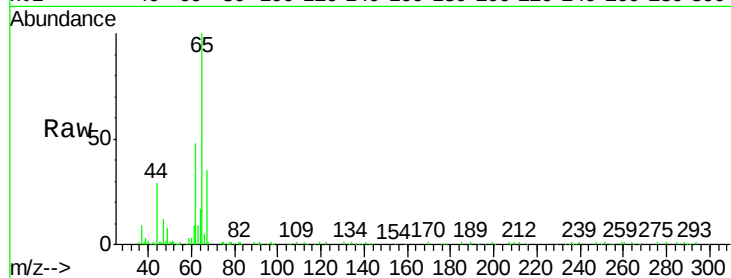
C0AG1DL2

Tot Ion: 62 Resp: 29691

Ion Ratio Lower Upper

62 100

64 35.4 22.8 42.4



#22

cis-1,2-Dichloroethene

Concen: 4.69 ug/L

RT: 6.68 min Scan# 879

Delta R.T. 0.00 min

Lab File: VR025505.D

Acq: 18 Jul 2018 14:17

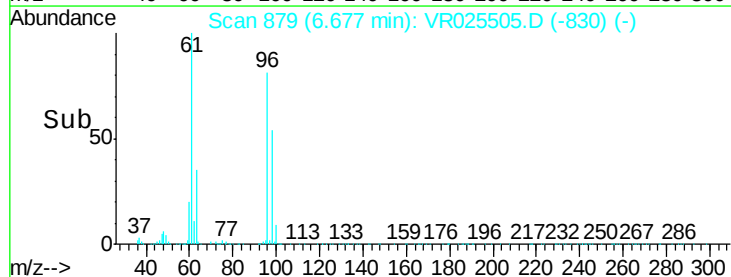
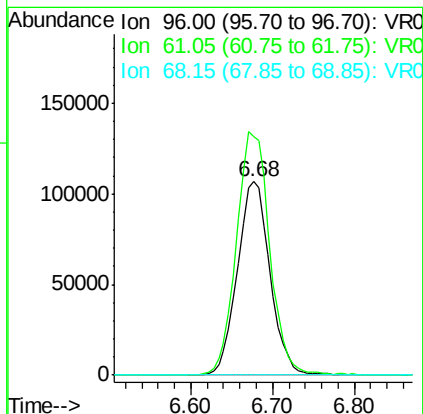
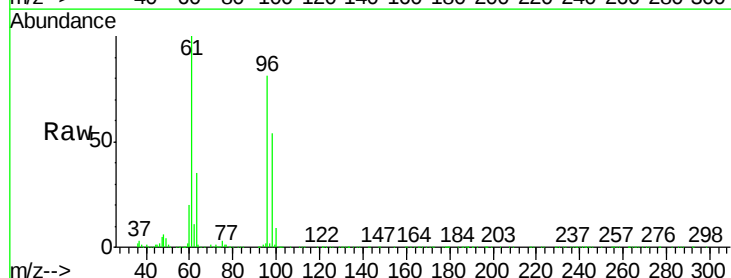
Tgt Ion: 96 Resp: 295555

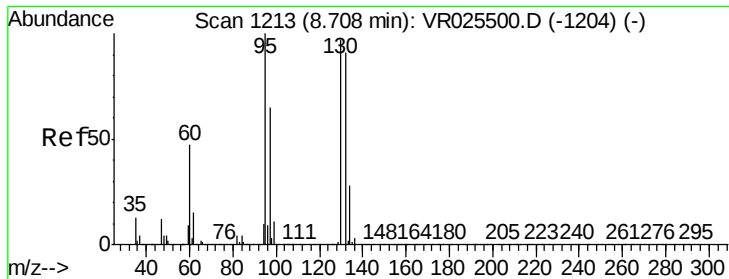
Ion Ratio Lower Upper

96 100

61 123.5 91.0 169.0

68 0.0 0.0 0.0

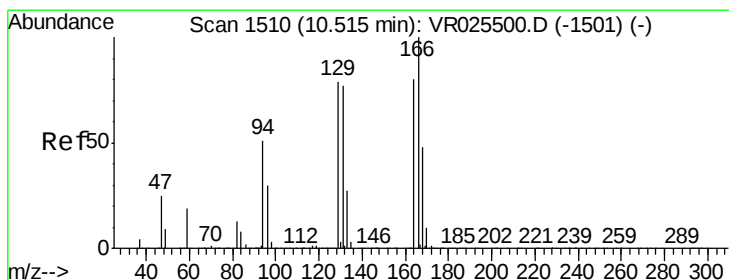
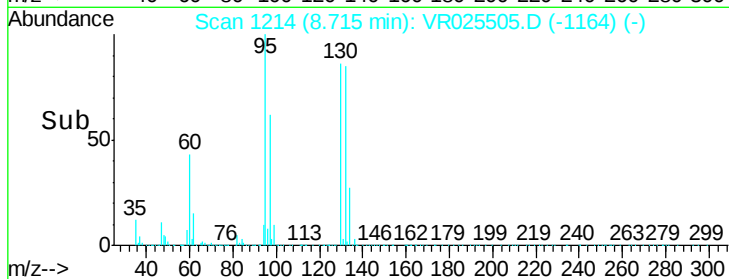
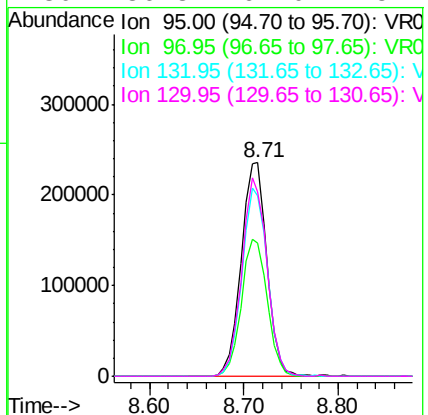
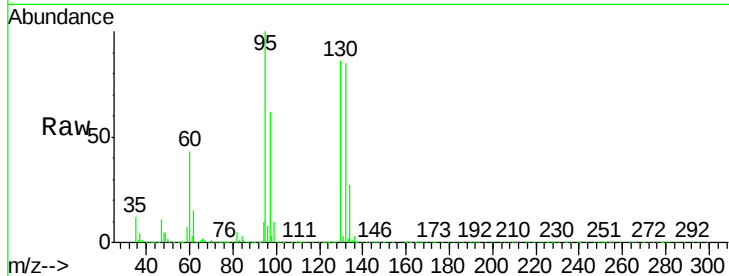




#34
 Trichloroethene
 Concen: 7.00 ug/L
 RT: 8.71 min Scan# 1214
 Delta R.T. 0.01 min
 Lab File: VR025505.D
 Acq: 18 Jul 2018 14:17

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Tot Ion:	95	Resp:	449230
Ion	Ratio	Lower	Upper
95	100		
97	62.1	45.6	84.6
132	84.7	60.9	113.1
130	86.3	62.0	115.2



#47
 Tetrachloroethene
 Concen: 0.44 ug/L
 RT: 10.52 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VR025505.D
 Acq: 18 Jul 2018 14:17

Tgt Ion:	164	Resp:	18484
Ion	Ratio	Lower	Upper
164	100		
129	118.4	68.1	126.5
131	119.3	68.5	127.1
166	128.1	89.9	166.9

