

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR100218\
 Data File : VR025923.D
 Acq On : 2 Oct 2018 12:32
 Operator : SY/MD
 Sample : J5160-06
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 04 11:16:43 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Oct 04 11:11:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	459035	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	381988	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	126053	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	160378	4.43	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	2.63	69	145207	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	3.63	63	281682	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	6.59	46	214306	53.11	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.22%
24) Chloroform-d	7.20	84	290232	4.61	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.20%
26) 1,2-Dichloroethane-d4	7.90	65	132759	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
32) Benzene-d6	7.85	84	565176	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
36) 1,2-Dichloropropane-d6	8.90	67	162330	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	9.97	98	490174	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
43) trans-1,3-Dichloropropene-	10.23	79	28999	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	10.59	63	160847	54.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.48%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	65400	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	13.52	152	93367	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

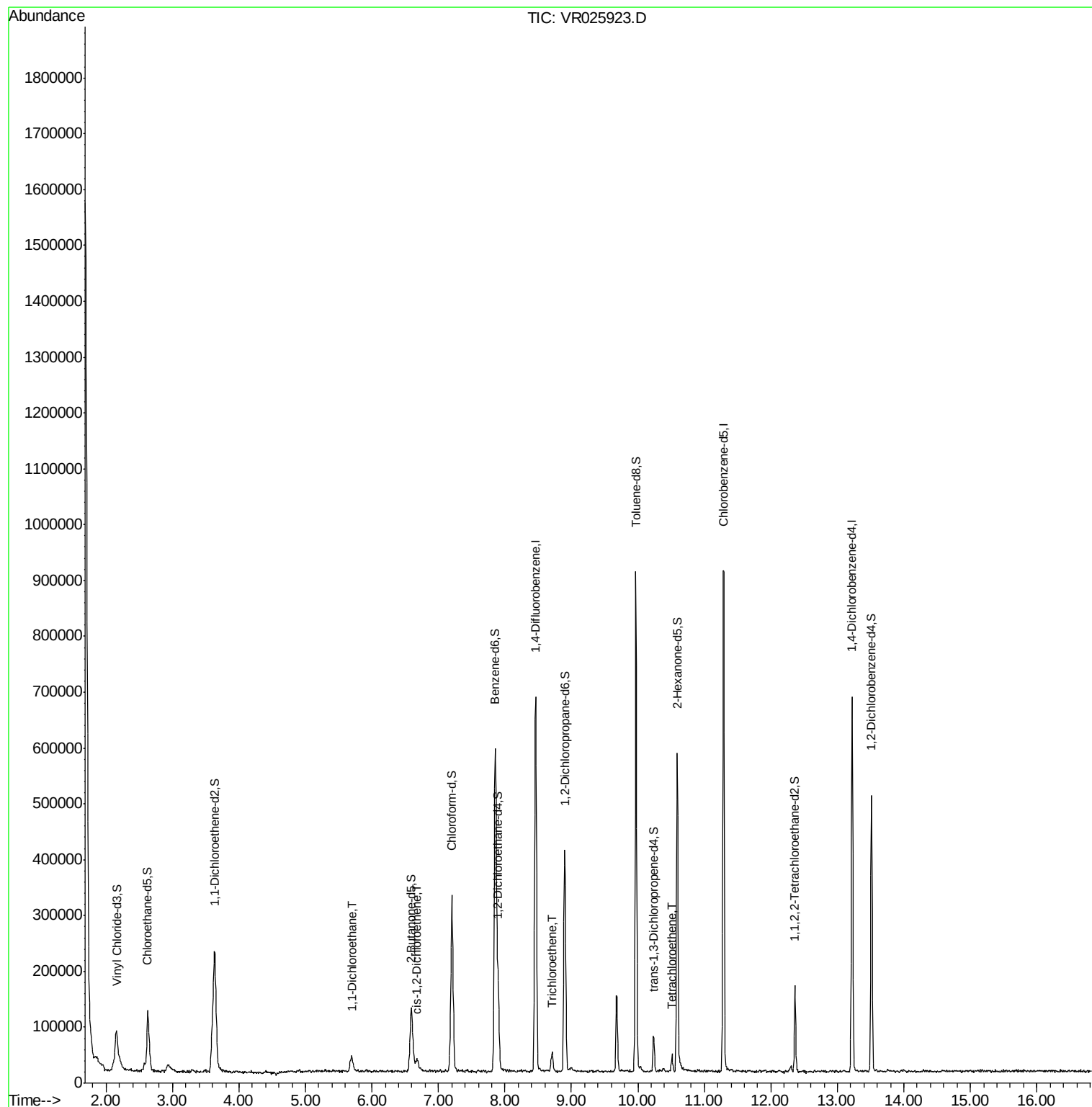
					Ovalue
19) 1,1-Dichloroethane	5.70	63	38187	0.673 ug/L	96
22) cis-1,2-Dichloroethene	6.67	96	7947	0.276 ug/L #	89
34) Trichloroethene	8.71	95	10824	0.321 ug/L	95
47) Tetrachloroethene	10.51	164	5387	0.259 ug/L	90

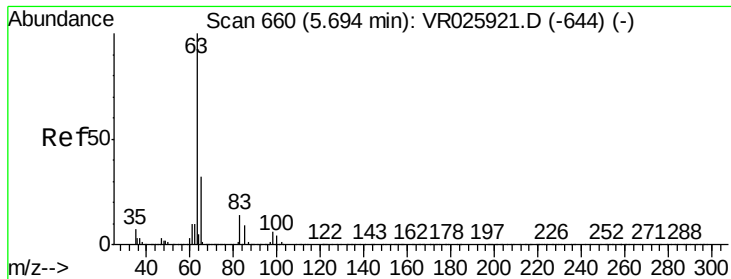
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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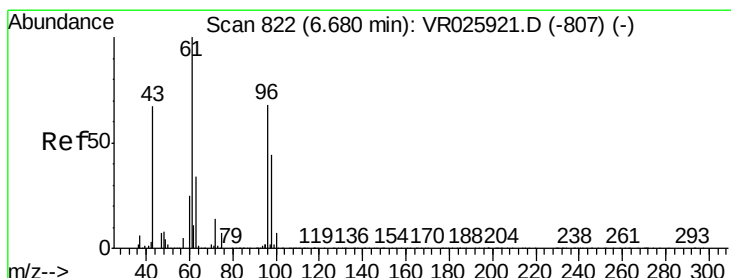
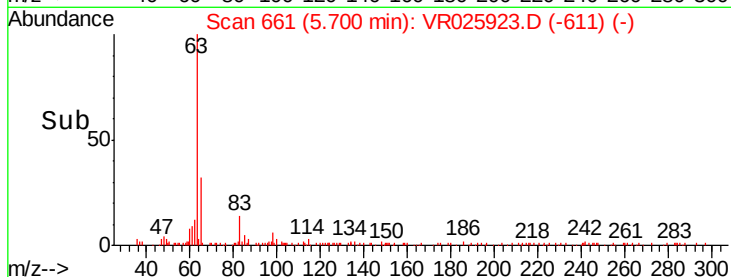
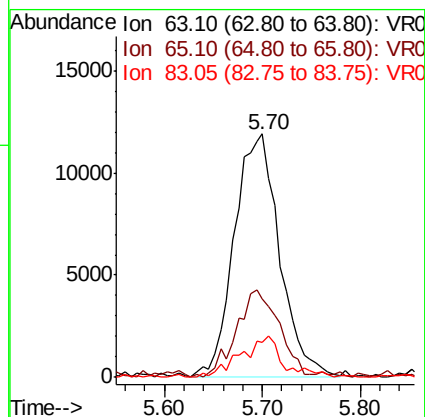
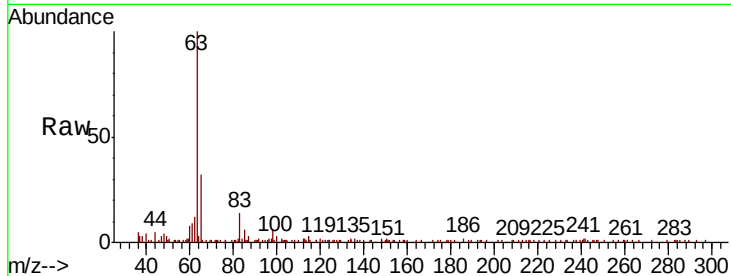




#19
 1,1-Dichloroethane
 Concen: 0.673 ug/L
 RT: 5.70 min Scan# 661
 Delta R.T. 0.01 min
 Lab File: VR025923.D
 Acq: 2 Oct 2018 12:32

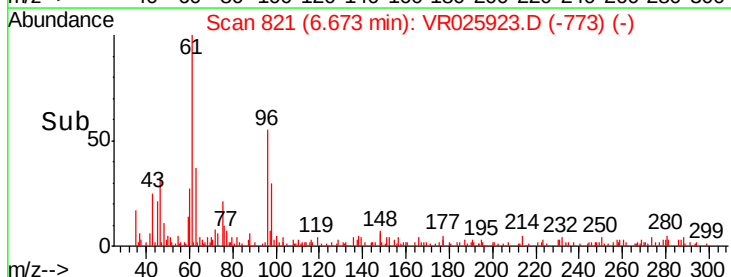
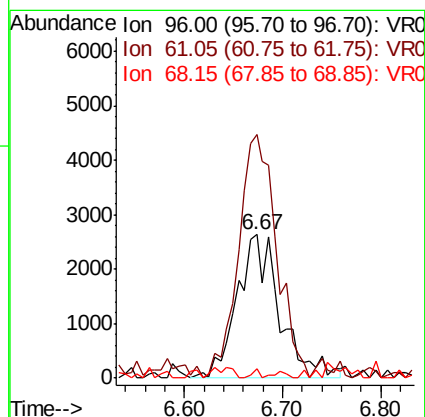
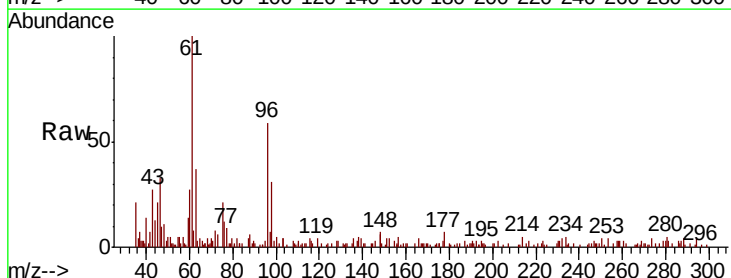
Instrument :
 MSVOA_R
 ClientSampleId :

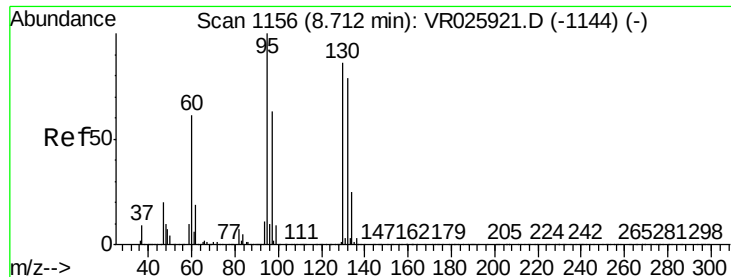
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.3	21.1	39.1
83	14.5	8.9	16.5



#22
 cis-1,2-Dichloroethene
 Concen: 0.276 ug/L
 RT: 6.67 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: VR025923.D
 Acq: 2 Oct 2018 12:32

Tgt Ion	Ratio	Lower	Upper
96	100		
61	169.9	108.7	201.9
68	6.8	0.1	0.1#

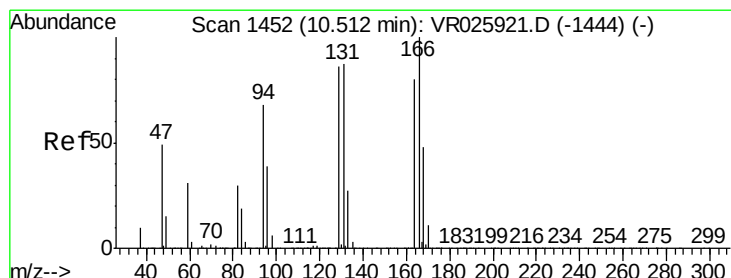
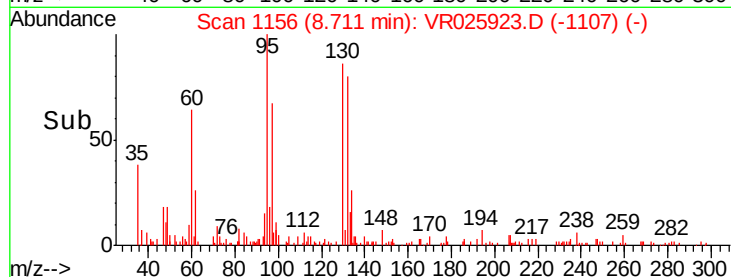
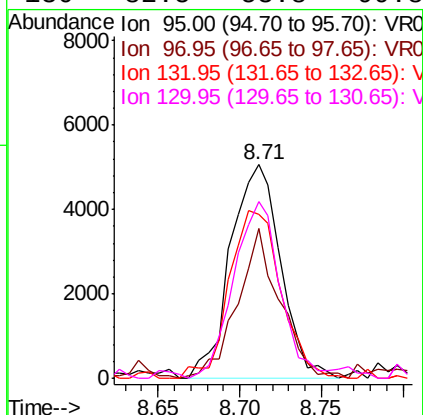
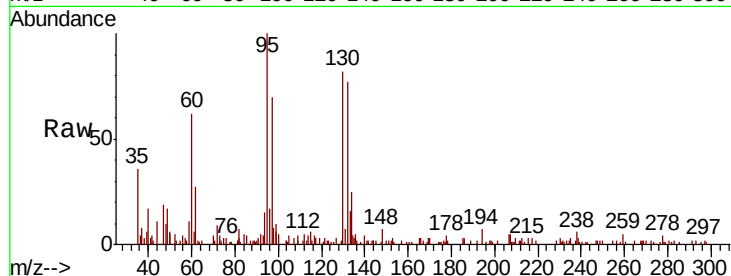




#34
 Trichloroethene
 Concen: 0.321 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. -0.00 min
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Instrument :
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 ClientSampleId :

Tot Ion	95	Resp	10824
Ion Ratio	Lower	Upper	
95	100		
97	70.3	43.9	81.5
132	76.7	53.3	98.9
130	82.5	53.8	99.8



#47
 Tetrachloroethene
 Concen: 0.259 ug/L
 RT: 10.51 min Scan# 1452
 Delta R.T. -0.00 min
 Lab File: VR025923.D
 Acq: 2 Oct 2018 12:32

Tgt Ion	164	Resp	5387
Ion Ratio	Lower	Upper	
164	100		
129	111.5	80.8	150.2
131	93.1	74.5	138.3
166	116.6	92.5	171.7

