

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR092818\
 Data File : VR025901.D
 Acq On : 28 Sep 2018 15:16
 Operator : SY/MD
 Sample : J5156-02MS
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 E62R5MS

Quant Time: Sep 29 05:42:55 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 29 05:14:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	497264	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	413498	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139934	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	193092	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	2.63	69	171637	5.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.20%
11) 1,1-Dichloroethene-d2	3.63	63	484504	5.26	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.20%
20) 2-Butanone-d5	6.59	46	231450	52.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.88%
24) Chloroform-d	7.20	84	328116	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
26) 1,2-Dichloroethane-d4	7.89	65	145900	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.40%
32) Benzene-d6	7.85	84	681940	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	8.90	67	184731	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	9.97	98	628329	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
43) trans-1,3-Dichloropropene-	10.24	79	36654	4.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.20%
46) 2-Hexanone-d5	10.59	63	174233	54.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.54%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	70978	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	13.51	152	111909	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

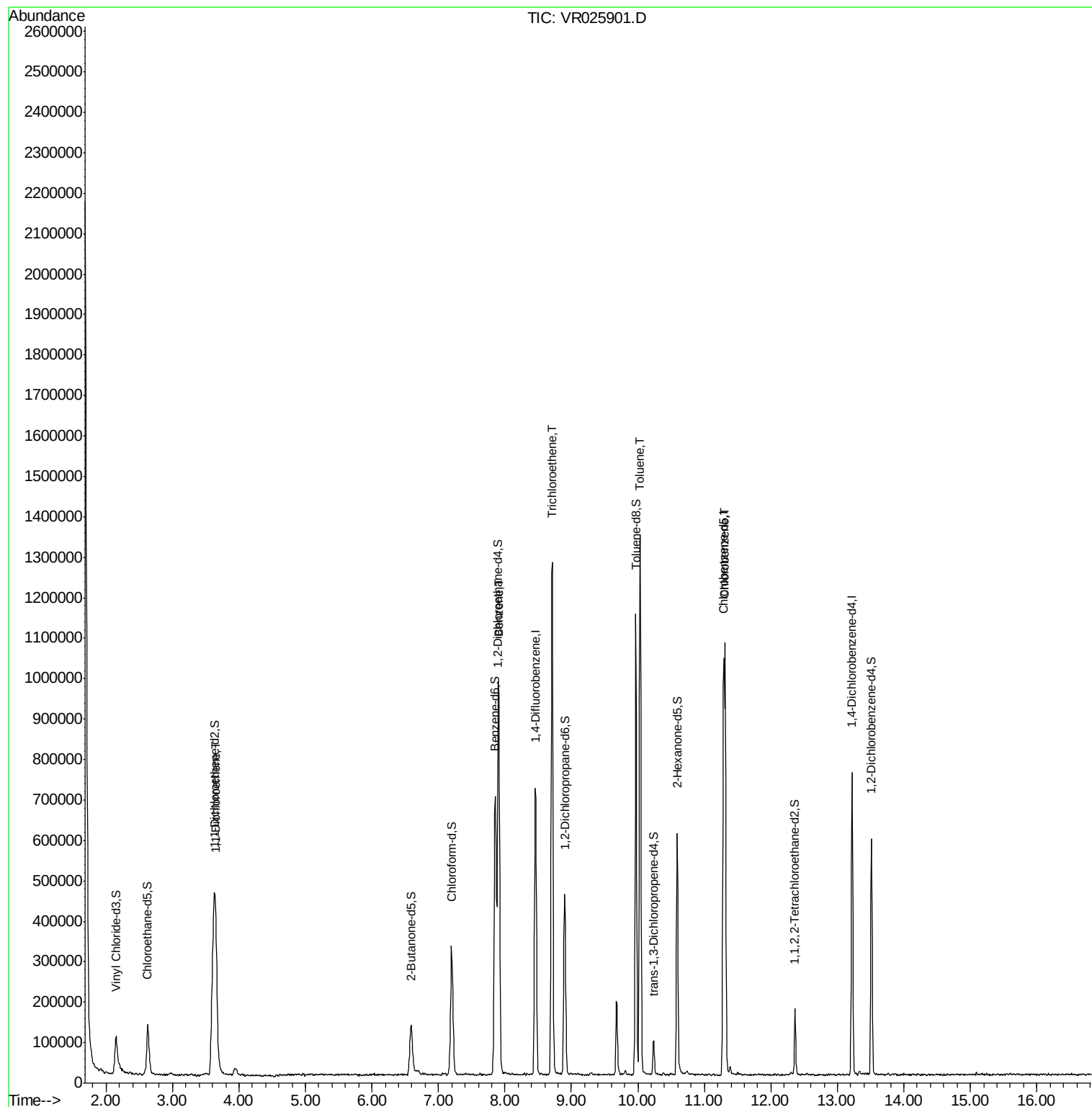
					Ovalue
12) 1,1-Dichloroethene	3.65	96	211968	5.647	ug/L 90
33) Benzene	7.91	78	785319	5.662	ug/L 100
34) Trichloroethene	8.71	95	424169	11.607	ug/L 93
42) Toluene	10.04	91	835914	5.800	ug/L 96
51) Chlorobenzene	11.32	112	425029	5.560	ug/L 96

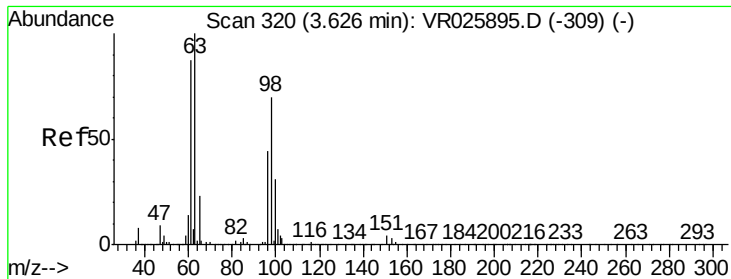
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 5.647 ug/L

RT: 3.65 min Scan# 324

Delta R.T. 0.02 min

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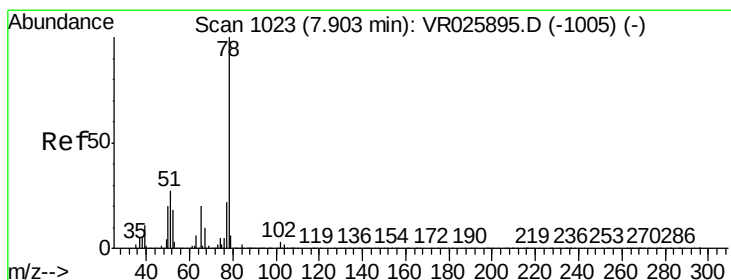
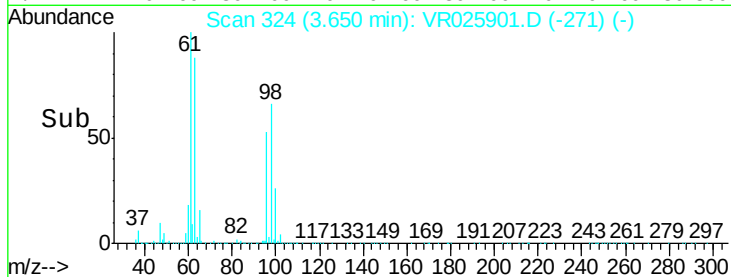
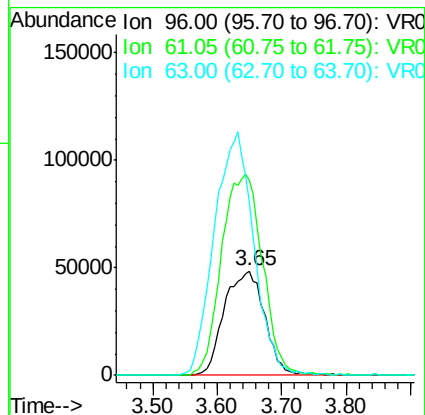
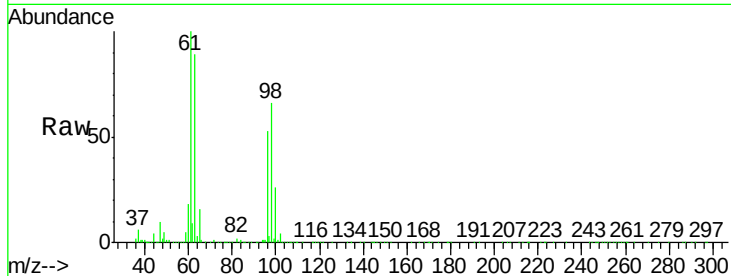
Tot Ion: 96 Resp: 211968

Ion Ratio Lower Upper

96 100

61 187.7 145.0 269.4

63 166.2 123.8 230.0



#33

Benzene

Concen: 5.662 ug/L

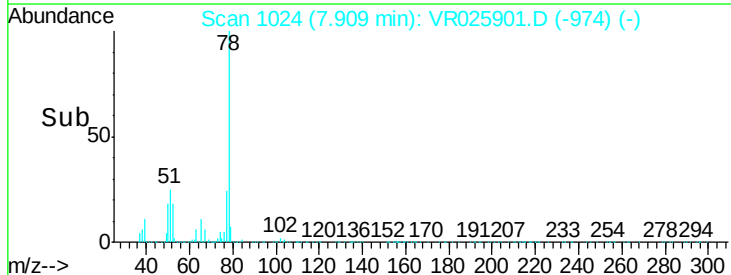
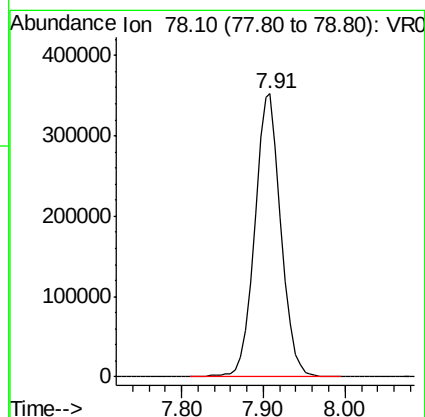
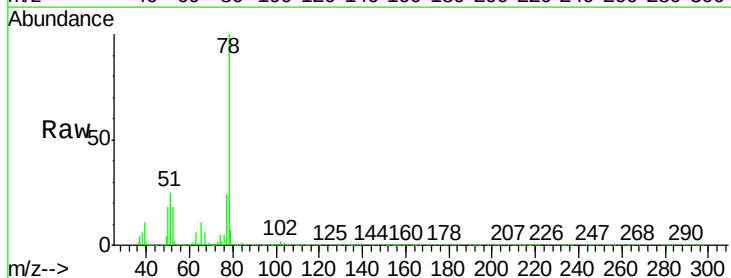
RT: 7.91 min Scan# 1024

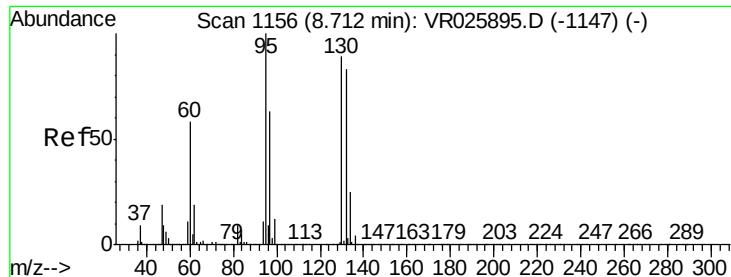
Delta R.T. 0.01 min

Lab File: VR025901.D

Acq: 28 Sep 2018 15:16

Tgt Ion: 78 Resp: 785319

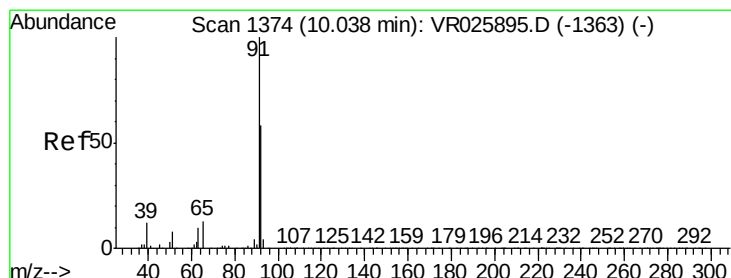
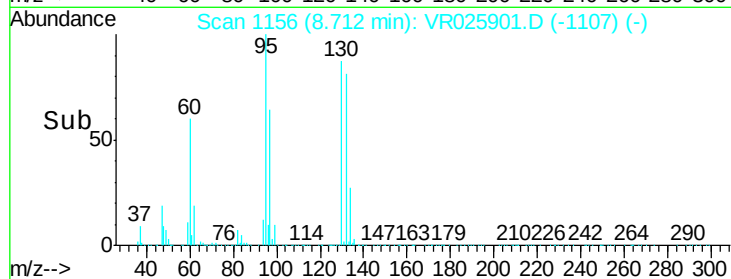
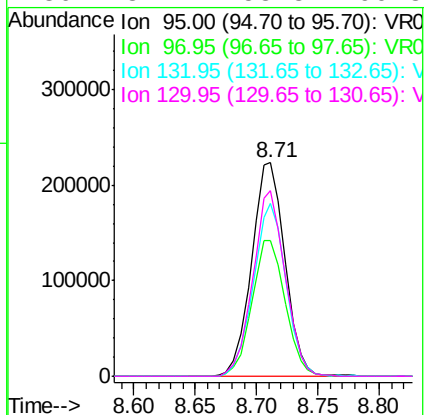
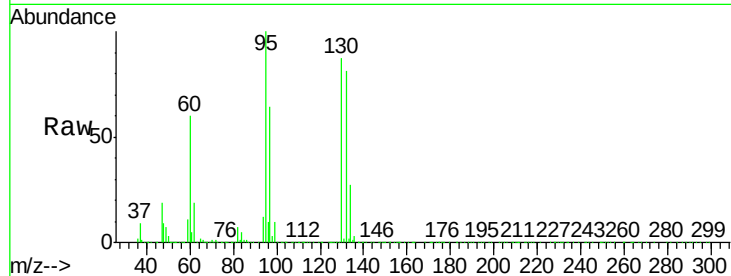




#34
 Trichloroethene
 Concen: 11.607 ug/L
 RT: 8.71 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: VR025901.D
 Acq: 28 Sep 2018 15:16

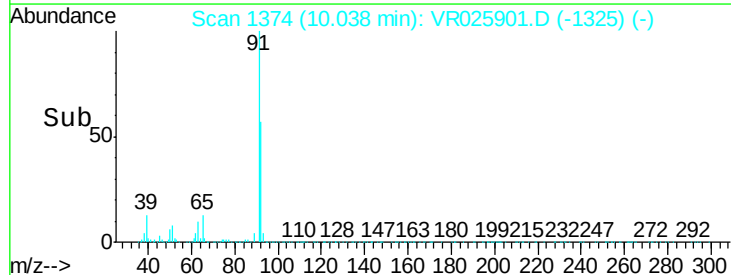
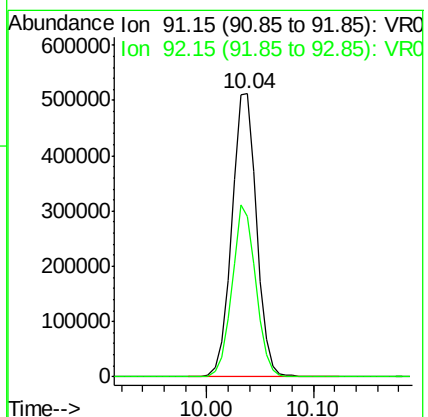
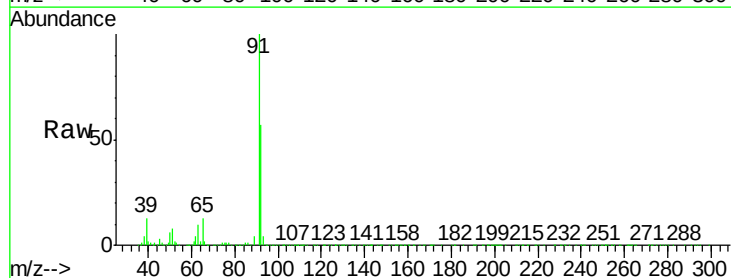
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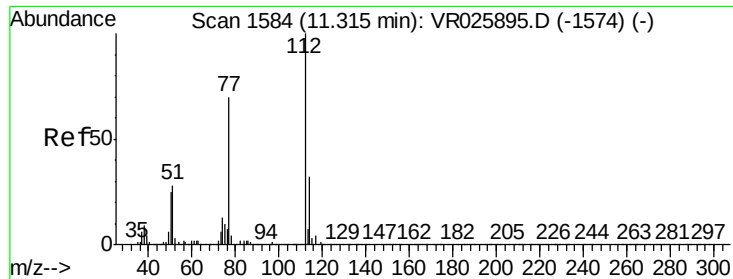
Tot Ion:	95	Resp:	424169
Ion	Ratio	Lower	Upper
95	100		
97	63.7	43.9	81.5
132	80.9	53.3	98.9
130	87.1	53.8	99.8



#42
 Toluene
 Concen: 5.800 ug/L
 RT: 10.04 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: VR025901.D
 Acq: 28 Sep 2018 15:16

Tgt Ion:	91	Resp:	835914
Ion	Ratio	Lower	Upper
91	100		
92	56.9	41.8	77.6





#51
Chlorobenzene
Concen: 5.560 ug/L
RT: 11.32 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VR025901.D
Acq: 28 Sep 2018 15:16

Instrument :
MSVOA_R
ClientSampleId :
E62R5MS

Tot Ion	Ratio	Lower	Upper
112	100		
114	30.9	22.7	42.3
77	69.7	58.5	87.7

