

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR101618\
 Data File : VR026100.D
 Acq On : 16 Oct 2018 14:22
 Operator : SY/MD
 Sample : J5379-04DL 20X
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :

Quant Time: Oct 17 08:52:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 08:49:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.46	114	600401	5.00	ug/L	0.00
28) Chlorobenzene-d5	11.29	117	498204	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.23	152	155860	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.15	65	266038	5.06	ug/L	-0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	2.63	69	215083	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.20%
11) 1,1-Dichloroethene-d2	3.60	63	484492	3.75	ug/L	-0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.00%
20) 2-Butanone-d5	6.58	46	195635	45.35	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.70%
24) Chloroform-d	7.20	84	344483	4.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.40%
26) 1,2-Dichloroethane-d4	7.90	65	147663	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	7.85	84	719852	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
36) 1,2-Dichloropropane-d6	8.90	67	190957	4.62	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.40%
41) Toluene-d8	9.97	98	667939	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	10.24	79	44398	4.10	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.00%
46) 2-Hexanone-d5	10.59	63	152725	48.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.58%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	66910	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.40%
64) 1,2-Dichlorobenzene-d4	13.52	152	113447	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

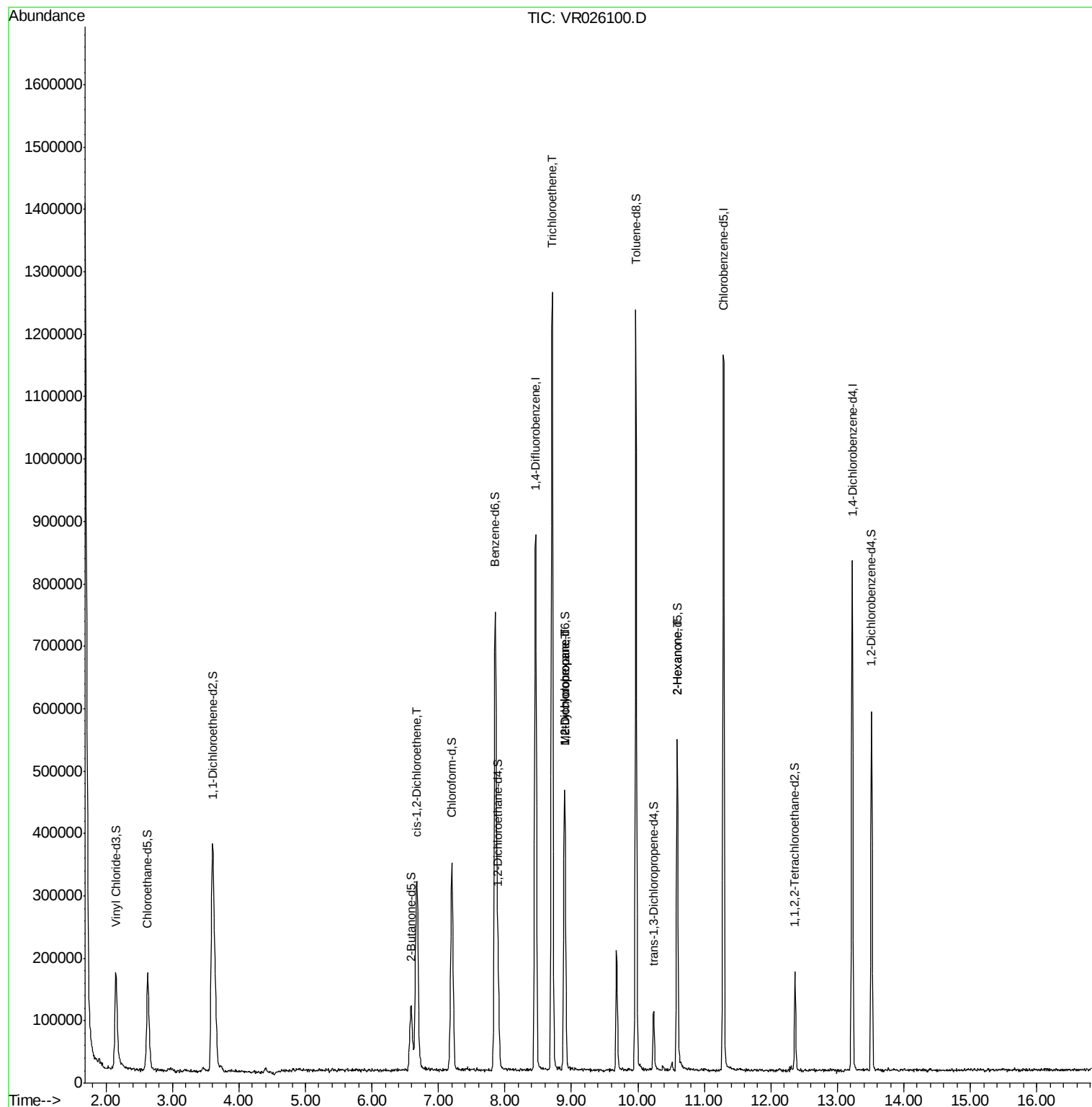
					Ovalue
22) cis-1,2-Dichloroethene	6.67	96	169770	4.065	ug/L 90
34) Trichloroethene	8.71	95	405082	8.466	ug/L 98
35) Methylcyclohexane	8.89	83	44867	0.630	ug/L # 18
37) 1,2-Dichloropropane	8.89	63	23536	0.597	ug/L # 91
48) 2-Hexanone	10.59	43	22662	2.881	ug/L # 70

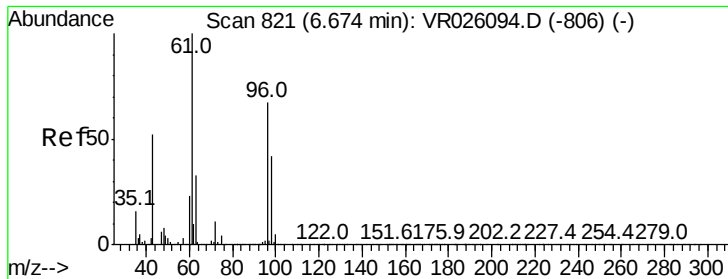
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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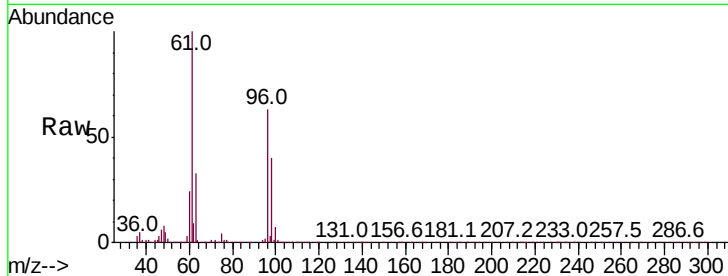


#22

cis-1,2-Dichloroethene
Concen: 4.065 ug/L
RT: 6.67 min Scan# 821
Delta R.T. 0.00 min
Lab File: VR026100.D
Acq: 16 Oct 2018 14:22

Instrument :
MSVOA_R
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
96	100		
61	158.4	101.8	189.0
68	0.1	0.1	0.3

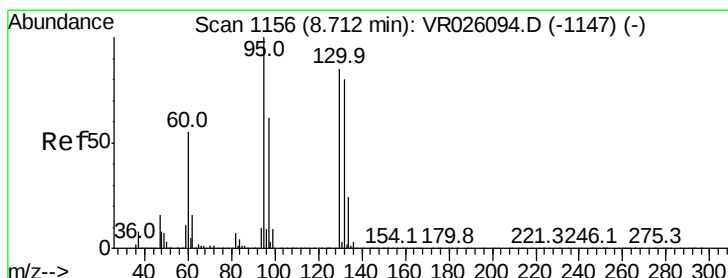
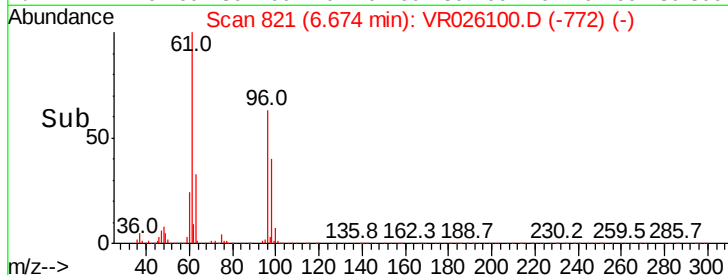
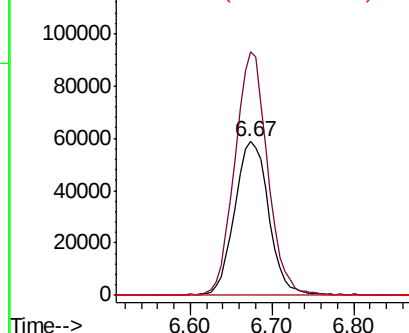


Abundance

Ion 96.00 (95.70 to 96.70): VR0

Ion 61.05 (60.75 to 61.75): VR0

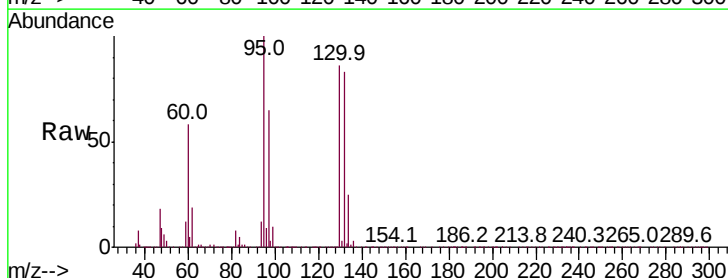
Ion 68.15 (67.85 to 68.85): VR0



#34

Trichloroethene
Concen: 8.466 ug/L
RT: 8.71 min Scan# 1156
Delta R.T. 0.00 min
Lab File: VR026100.D
Acq: 16 Oct 2018 14:22

Tgt Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.7	84.9
132	82.7	58.3	108.3
130	86.1	64.0	119.0



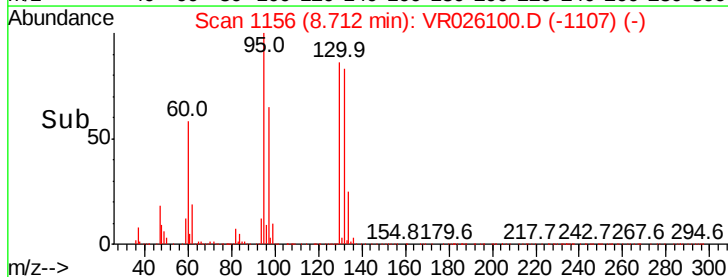
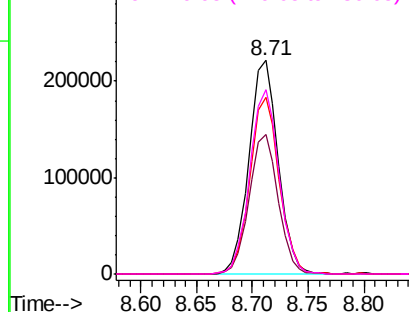
Abundance

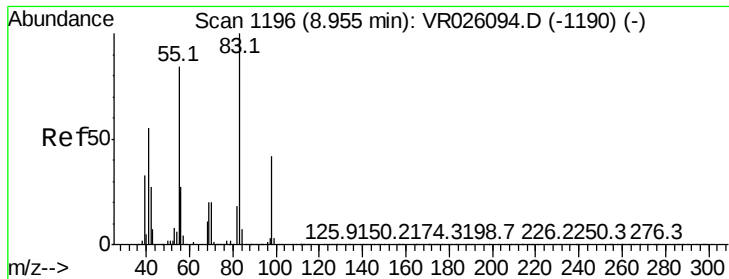
Ion 95.00 (94.70 to 95.70): VR0

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

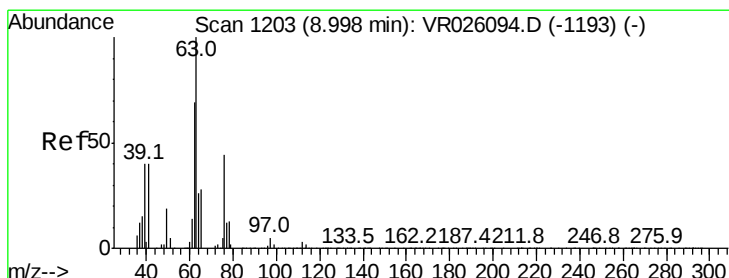
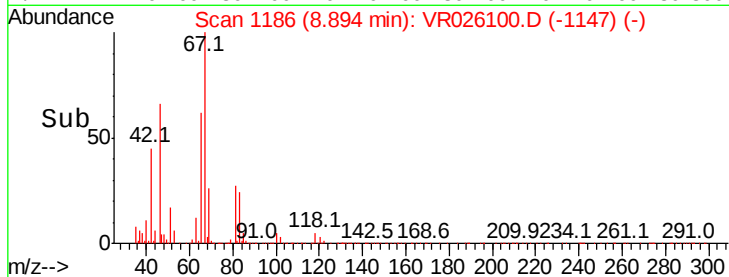
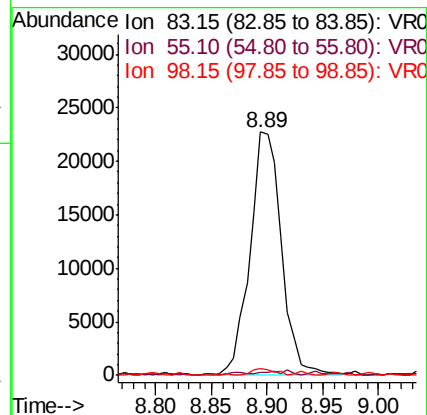
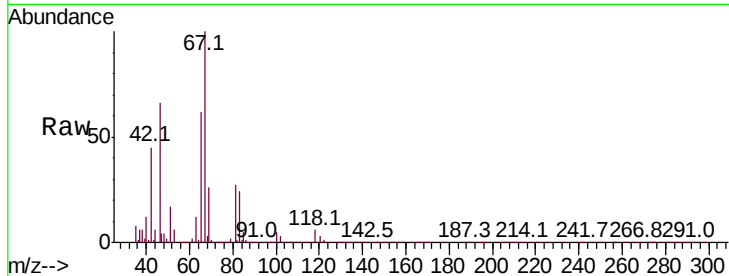




#35
Methvlcvclohexane
Concen: 0.630 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.06 min
Lab File: VR026100.D
Acq: 16 Oct 2018 14:22

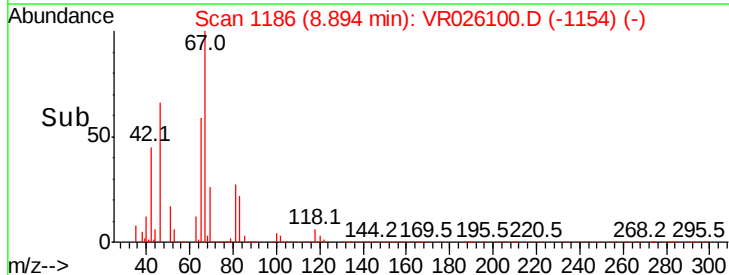
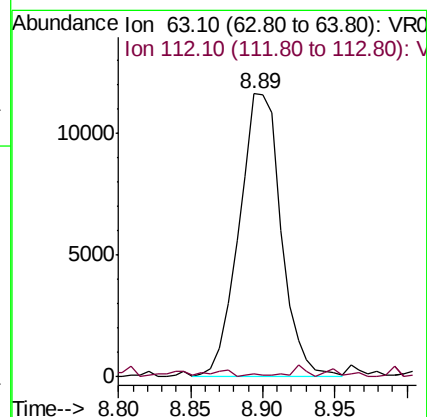
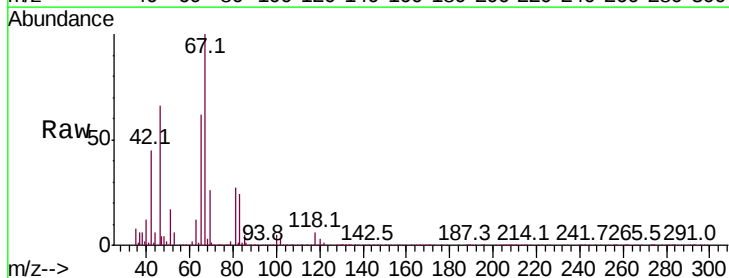
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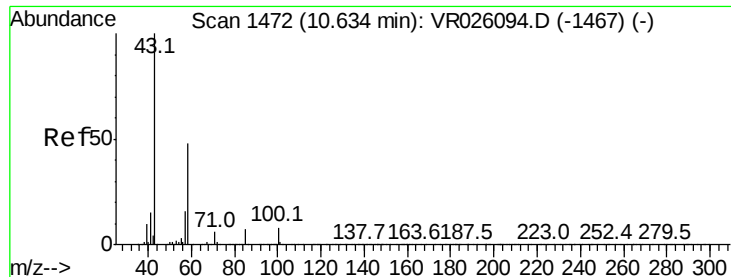
Tot Ion: 83 Resp: 44867
Ion Ratio Lower Upper
83 100
55 1.5 66.8 100.2#
98 2.3 35.2 52.8#



#37
1,2-Dichloropropane
Concen: 0.597 ug/L
RT: 8.89 min Scan# 1186
Delta R.T. -0.10 min
Lab File: VR026100.D
Acq: 16 Oct 2018 14:22

Tgt Ion: 63 Resp: 23536
Ion Ratio Lower Upper
63 100
112 0.3 2.7 4.1#





#48
 2-Hexanone
 Concen: 2.881 ug/L
 RT: 10.59 min Scan# 1465
 Delta R.T. -0.04 min
 Lab File: VR026100.D
 Acq: 16 Oct 2018 14:22

Instrument :
 MSVOA_R
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
43	100		
58	27.2	39.6	59.4#
57	29.4	14.0	21.0#
100	2.3	7.0	10.6#

