

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022235.D
 Acq On : 20 Sep 2021 16:15
 Operator : SY/MD
 Sample : M3788-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CJ9

Quant Time: Sep 21 04:44:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 04:41:26 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

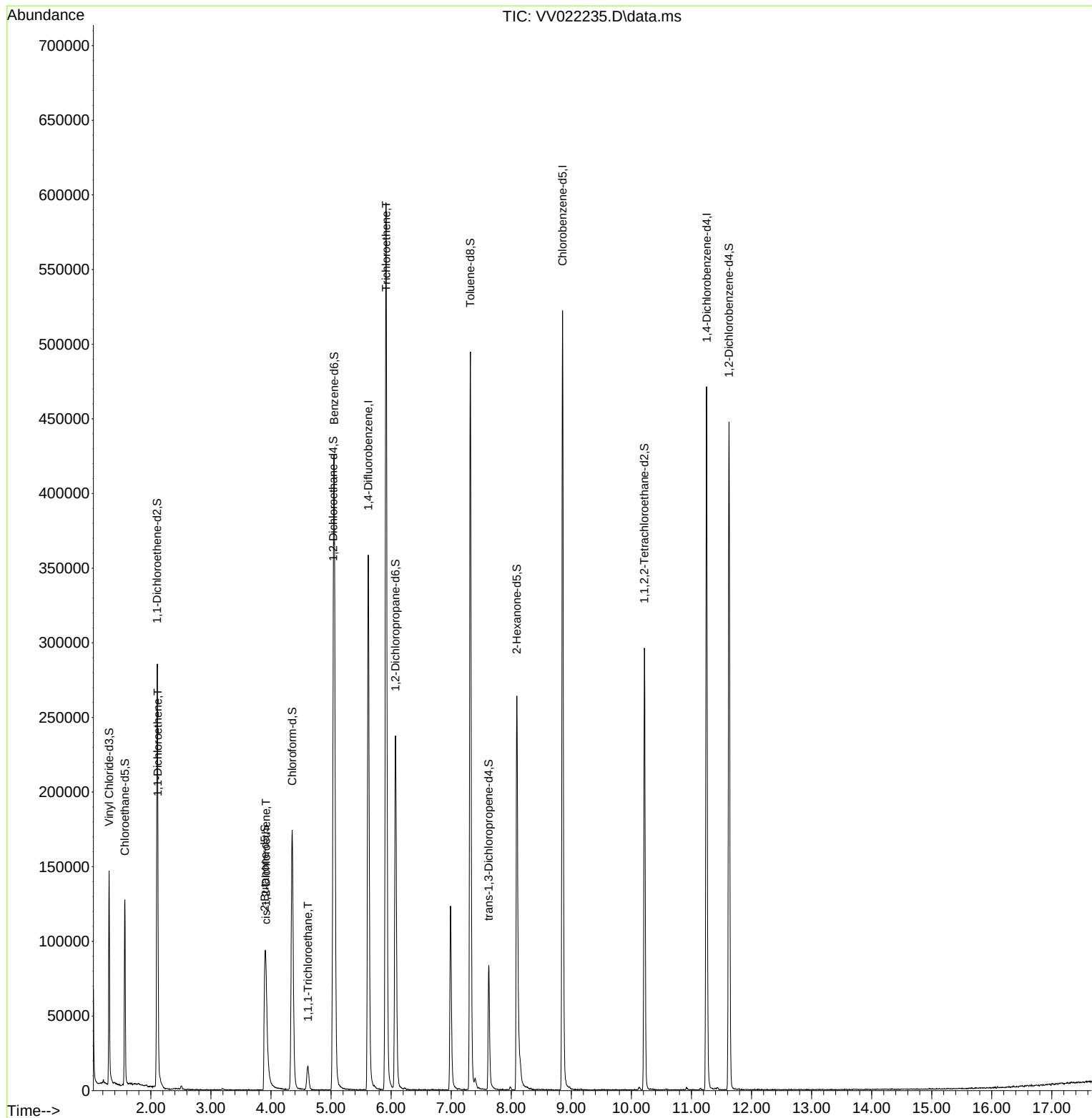
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	317164	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	299232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	128581	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95684	43.564	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.120%
7) Chloroethane-d5	1.568	69	78826	45.957	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	91.920%
11) 1,1-Dichloroethene-d2	2.105	63	142426	39.209	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.420%
21) 2-Butanone-d5	3.899	46	155341	103.126	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	103.130%
24) Chloroform-d	4.352	84	181327	45.276	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.560%
26) 1,2-Dichloroethane-d4	5.037	65	112901	47.860	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.720%
32) Benzene-d6	5.053	84	375244	46.234	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.460%
36) 1,2-Dichloropropane-d6	6.072	67	119545	46.836	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	93.680%
41) Toluene-d8	7.320	98	331237	43.234	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	86.460%
43) trans-1,3-Dichloroprop...	7.625	79	47908	39.435	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.880%
47) 2-Hexanone-d5	8.092	63	92909	94.867	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	94.870%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	142787	43.680	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	87.360%
66) 1,2-Dichlorobenzene-d4	11.625	152	121243	47.965	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	95.920%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.118	96	14189	7.756	ug/L #	1
20) cis-1,2-Dichloroethene	3.918	96	14624	5.940	ug/L	93
30) 1,1,1-Trichloroethane	4.616	97	12649	3.557	ug/L #	72
34) Trichloroethene	5.915	95	200295	81.222	ug/L	98

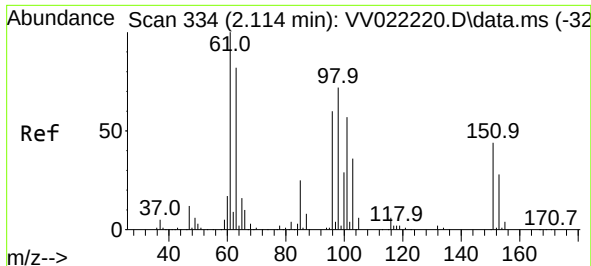
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 7.756 ug/L

RT: 2.118 min Scan# 335

Delta R.T. 0.003 min

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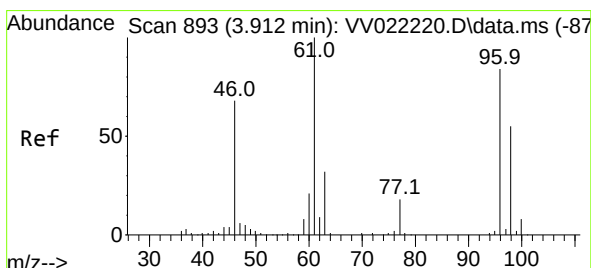
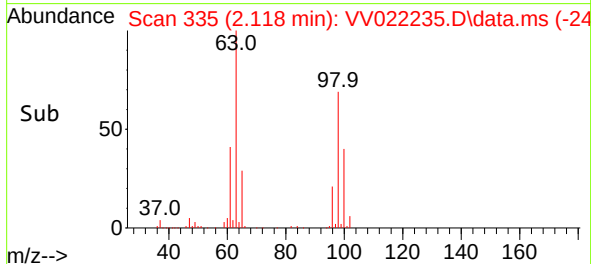
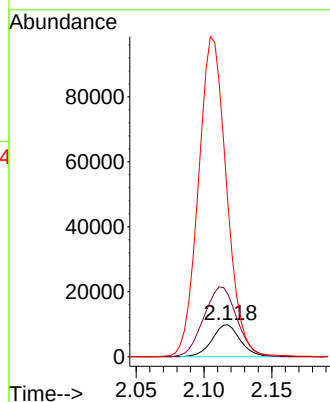
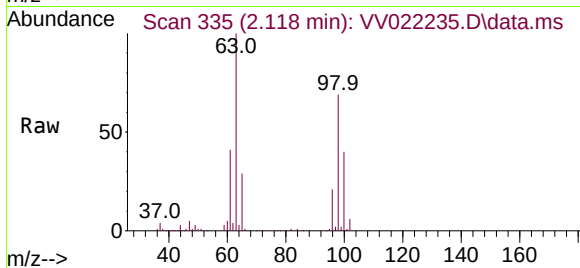
Tgt Ion: 96 Resp: 14189

Ion Ratio Lower Upper

96 100

61 196.3 113.2 210.2

63 482.9 102.3 189.9#



#20

cis-1,2-Dichloroethene

Concen: 5.940 ug/L

RT: 3.918 min Scan# 895

Delta R.T. 0.006 min

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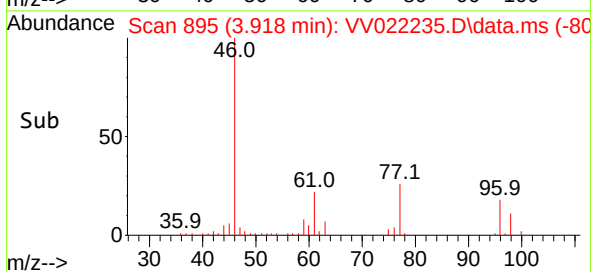
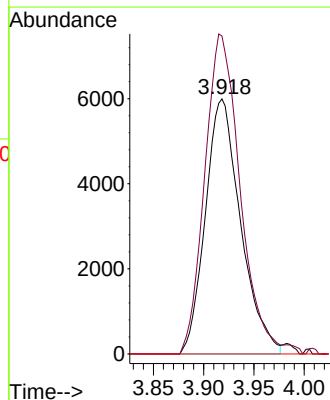
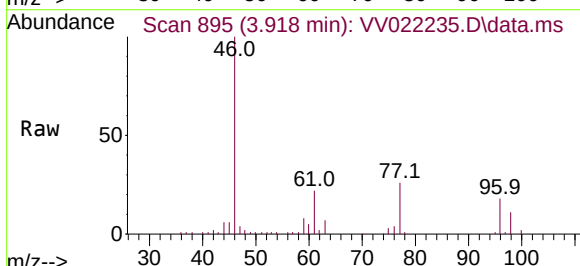
Tgt Ion: 96 Resp: 14624

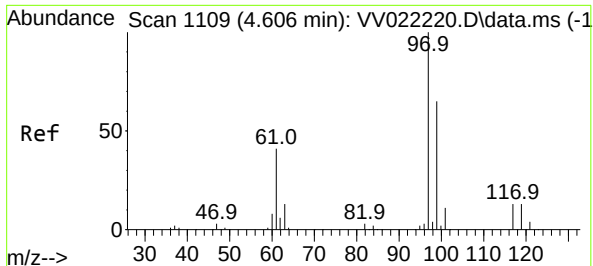
Ion Ratio Lower Upper

96 100

61 124.7 81.8 152.0

68 0.0 0.0 0.0





#30

1,1,1-Trichloroethane

Concen: 3.557 ug/L

RT: 4.616 min Scan# 1112

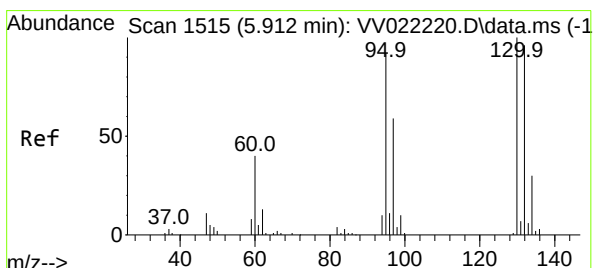
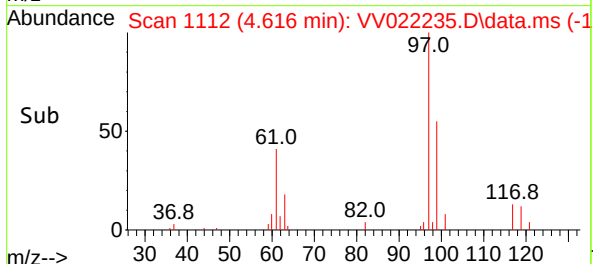
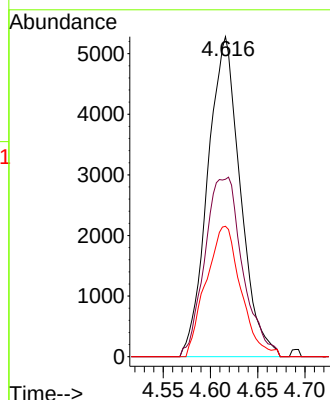
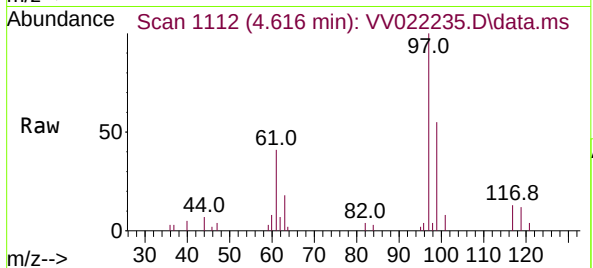
Delta R.T. 0.010 min

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Tgt Ion:	97	Resp:	12649
Ion	Ratio	Lower	Upper
97	100		
99	32.3	52.0	78.0#
61	43.3	31.8	47.8

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#34

Trichloroethene

Concen: 81.222 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

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Tgt Ion:	95	Resp:	200295
Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.1	81.9
132	98.9	70.7	131.3
130	104.7	74.8	139.0

