

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
 Data File : VV022249.D
 Acq On : 20 Sep 2021 22:15
 Operator : SY/MD
 Sample : M3788-11
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0CL3

Manual Integrations
 APPROVED

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 9/21/2021 1:51:13 PM

Quant Time: Sep 21 06:22:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082721WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Sep 21 06:08:34 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	307253	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	287118	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	121615	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	101549	47.726	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.460%		
7) Chloroethane-d5	1.568	69	81889	49.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	98.560%		
11) 1,1-Dichloroethene-d2	2.105	63	150521	42.774	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	85.540%		
21) 2-Butanone-d5	3.902	46	149167	102.221	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	102.220%		
24) Chloroform-d	4.349	84	181650m	46.820	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.640%		
26) 1,2-Dichloroethane-d4	5.037	65	112652	49.295	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.600%		
32) Benzene-d6	5.053	84	380303	48.834	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	97.660%		
36) 1,2-Dichloropropane-d6	6.072	67	119844	48.934	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	97.860%		
41) Toluene-d8	7.320	98	327856	44.598	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	89.200%		
43) trans-1,3-Dichloroprop...	7.625	79	46157	39.597	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	79.200%		
47) 2-Hexanone-d5	8.095	63	93399	99.391	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	99.390%		
56) 1,1,2,2-Tetrachloroeth...	10.220	84	141398	45.080	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	90.160%		
66) 1,2-Dichlorobenzene-d4	11.625	152	119360	49.924	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.840%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	21325	12.033	ug/L	# 1
19) 1,1-Dichloroethane	3.191	63	3649	0.956	ug/L	94
20) cis-1,2-Dichloroethene	3.915	96	36441	15.279	ug/L	98
30) 1,1,1-Trichloroethane	4.616	97	9453	2.770	ug/L	98
34) Trichloroethene	5.921	95	3056	1.292	ug/L	84

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

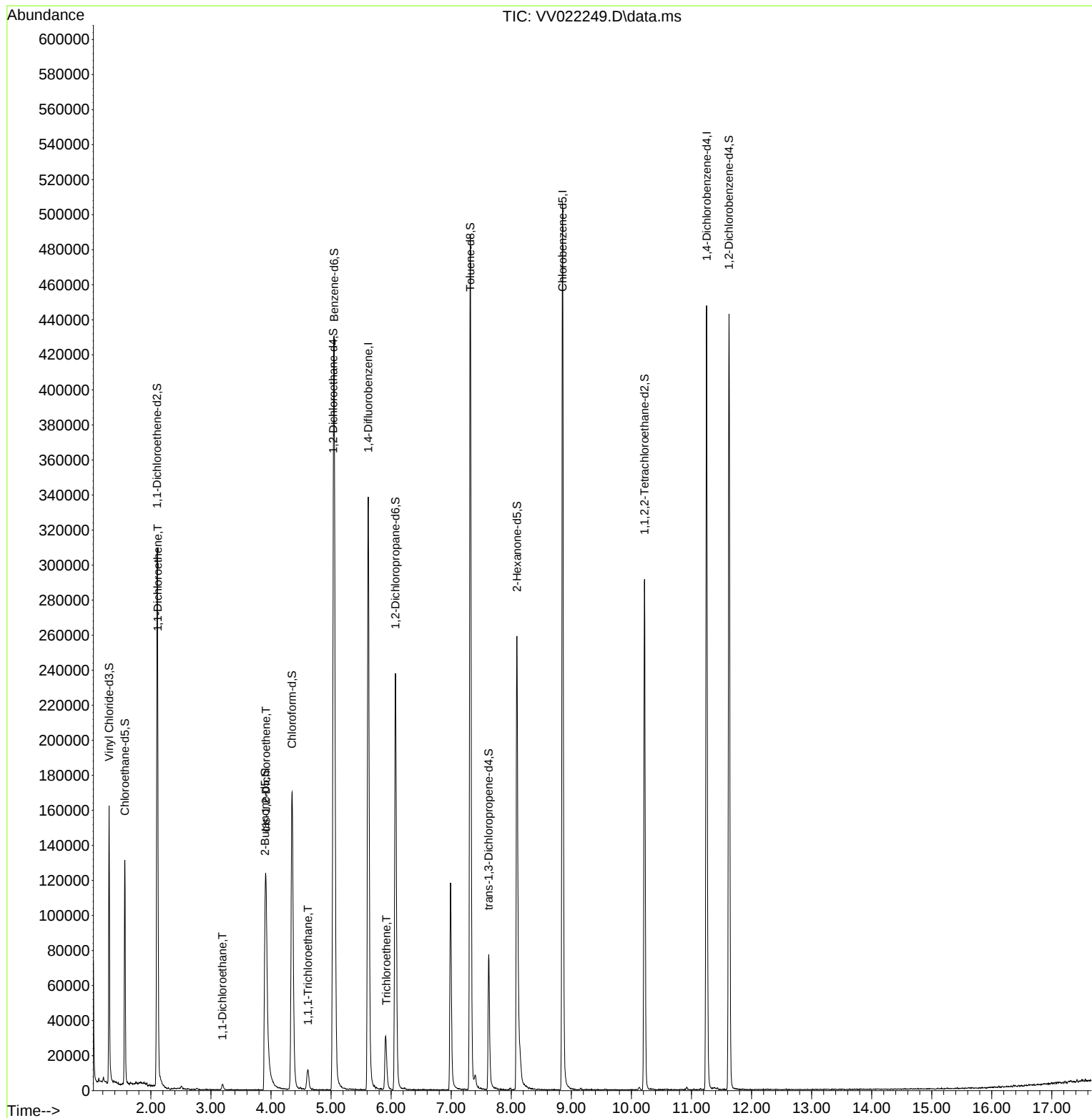
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092021\
Data File : VV022249.D
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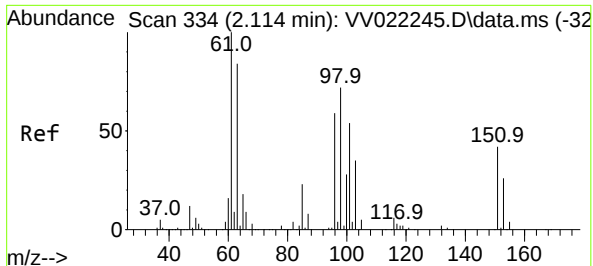
Instrument :
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Quant Title : VOC Analysis
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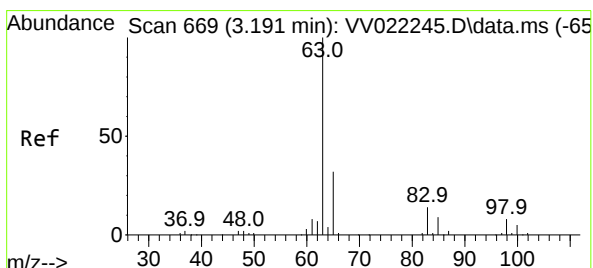
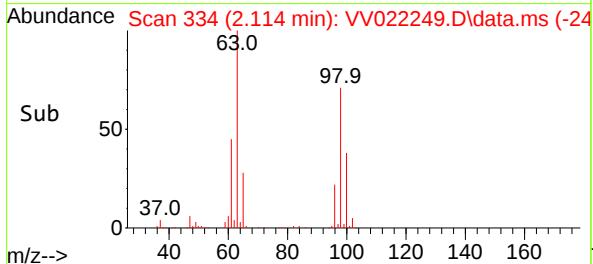
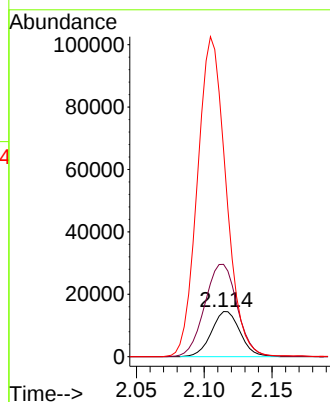
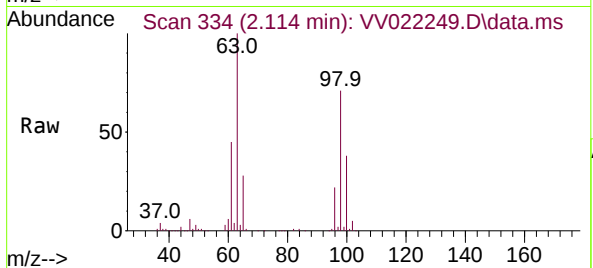
#12
1,1-Dichloroethene
Concen: 12.033 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.000 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Tgt Ion: 96 Resp: 21325
Ion Ratio Lower Upper
96 100
61 204.7 113.2 210.2
63 459.3 102.3 189.9#

Instrument :
MSVOA_V
ClientSampled :
C0CL3

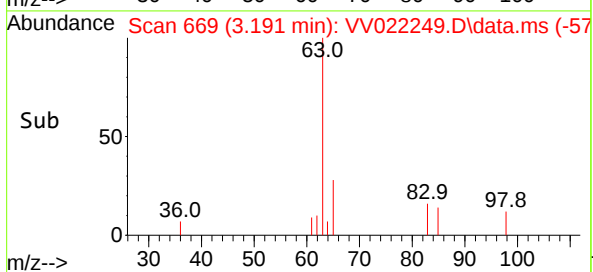
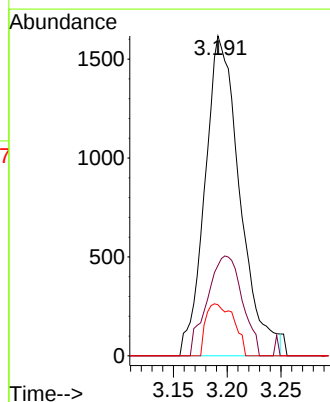
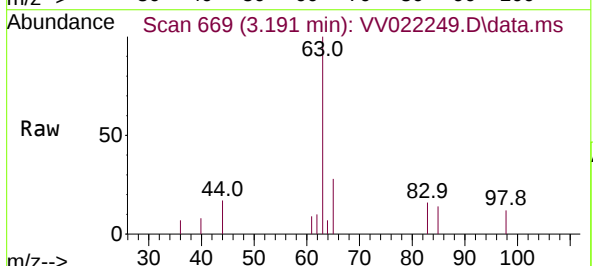
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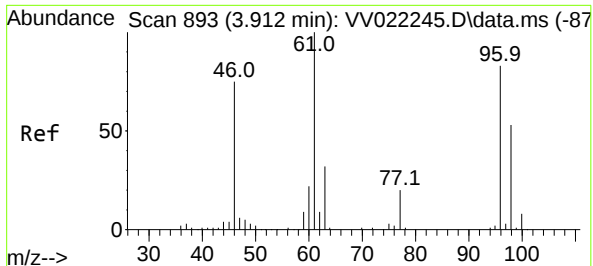
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#19
1,1-Dichloroethane
Concen: 0.956 ug/L
RT: 3.191 min Scan# 669
Delta R.T. 0.000 min
Lab File: VV022249.D
Acq: 20 Sep 2021 22:15

Tgt Ion: 63 Resp: 3649
Ion Ratio Lower Upper
63 100
65 28.3 22.2 41.2
83 16.0 9.7 17.9





#20

cis-1,2-Dichloroethene

Concen: 15.279 ug/L

RT: 3.915 min Scan# 894

Delta R.T. 0.003 min

Lab File: VV022249.D

Acq: 20 Sep 2021 22:15

Tgt Ion: 96 Resp: 36441

Ion	Ratio	Lower	Upper
96	100		
61	118.9	81.8	152.0
68	0.0	0.0	0.0

Instrument :

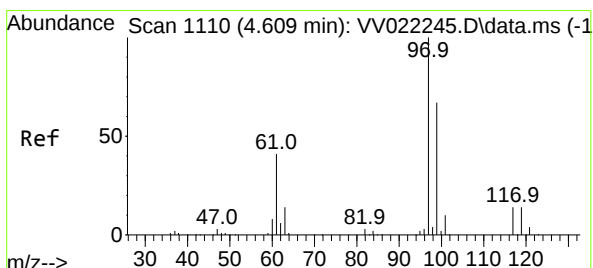
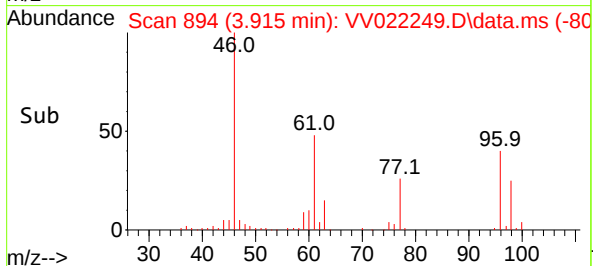
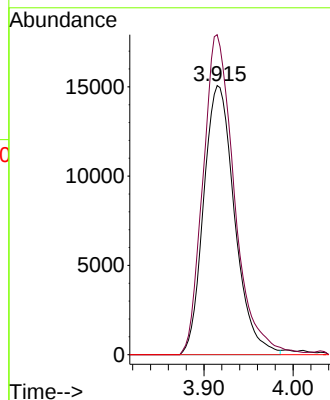
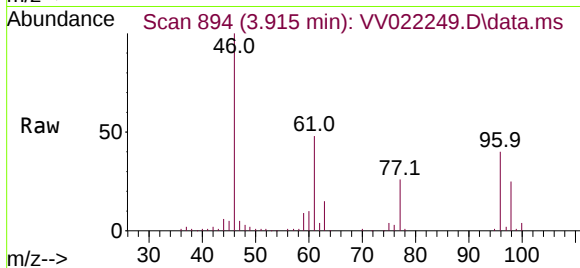
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#30

1,1,1-Trichloroethane

Concen: 2.770 ug/L

RT: 4.616 min Scan# 1112

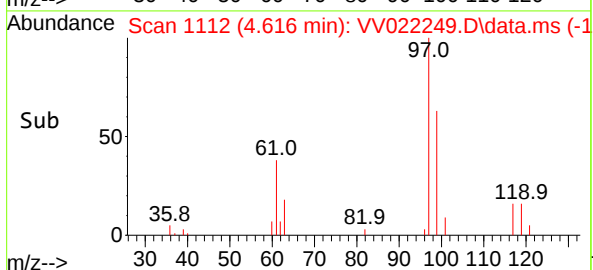
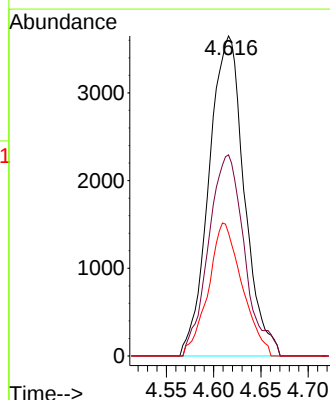
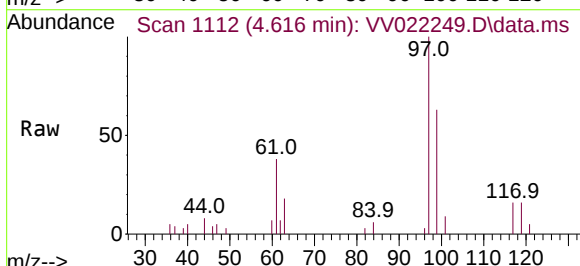
Delta R.T. 0.006 min

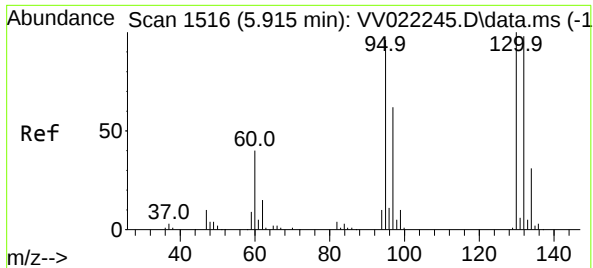
Lab File: VV022249.D

Acq: 20 Sep 2021 22:15

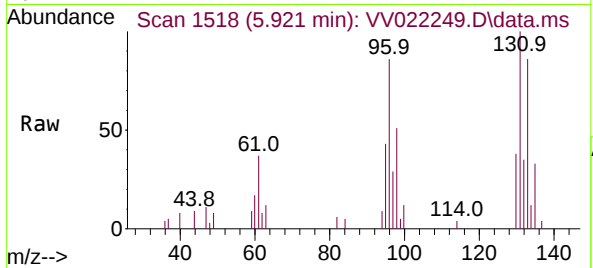
Tgt Ion: 97 Resp: 9453

Ion	Ratio	Lower	Upper
97	100		
99	62.6	52.0	78.0
61	39.7	31.8	47.8

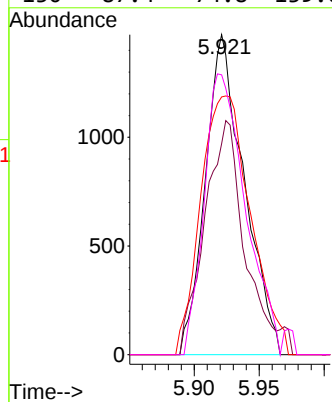
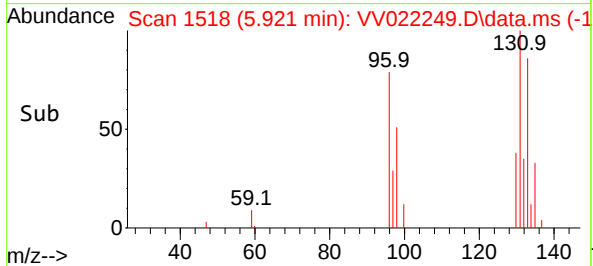




#34
 Trichloroethene
 Concen: 1.292 ug/L
 RT: 5.921 min Scan# 1518
 Delta R.T. 0.006 min
 Lab File: VV022249.D
 Acq: 20 Sep 2021 22:15



Tgt Ion: 95	Resp: 3056
Ion Ratio	Lower Upper
95 100	
97 66.0	44.1 81.9
132 80.6	70.7 131.3
130 87.4	74.8 139.0



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