

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV052022\
 Data File : VV025944.D
 Acq On : 20 May 2022 14:31
 Operator : SY/MD
 Sample : N2955-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA3

Quant Time: May 20 21:51:14 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR051322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri May 20 21:49:46 2022
 Response via : Initial Calibration

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

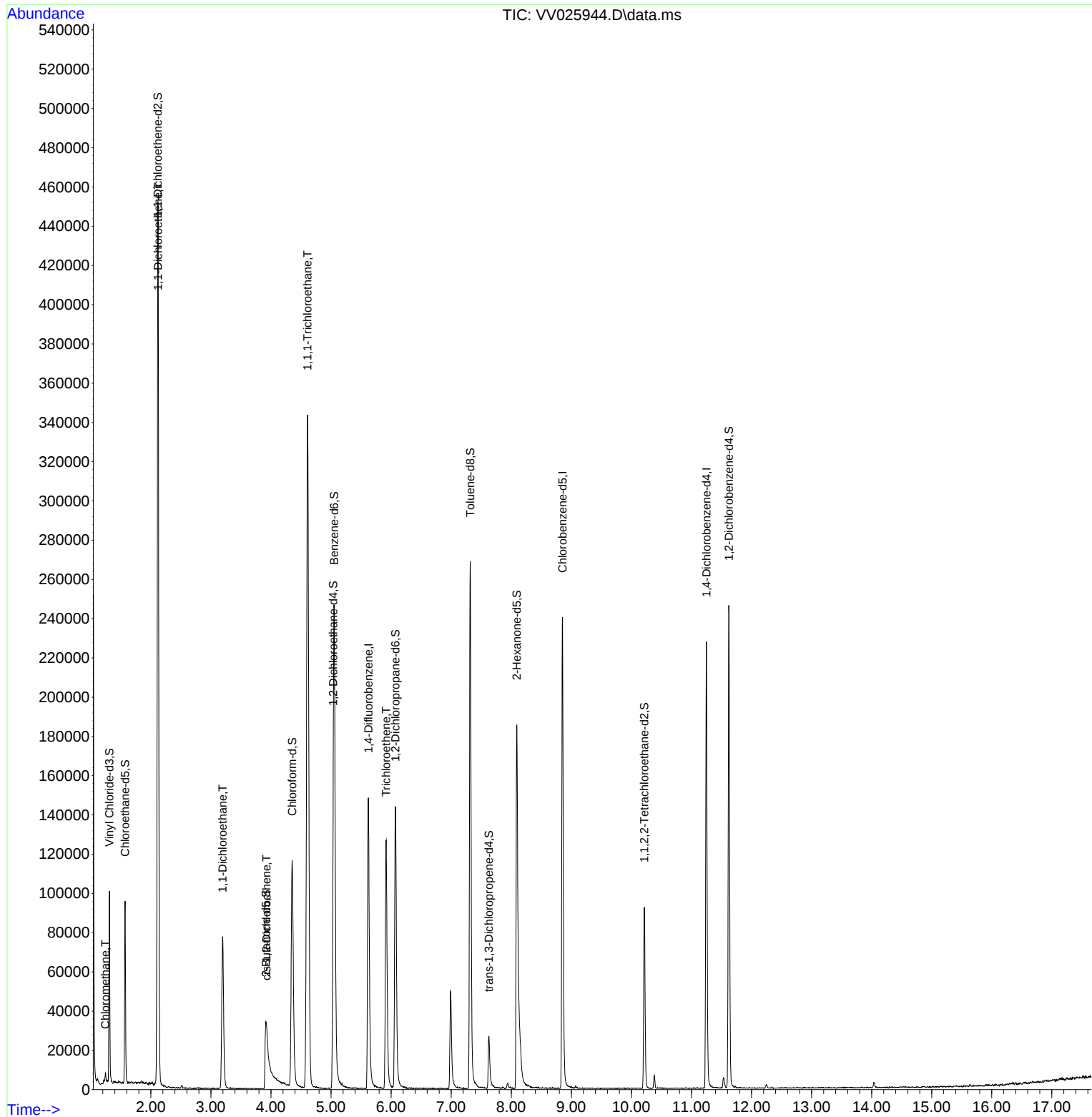
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	134725	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	137637	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	60533	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	60043	5.396	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 108.000%		
7) Chloroethane-d5	1.571	69	57994	6.087	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 121.800%		
11) 1,1-Dichloroethene-d2	2.114	63	154667	6.280	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 125.600%#		
20) 2-Butanone-d5	3.915	46	74340	57.691	ug/L	0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	= 115.380%		
24) Chloroform-d	4.352	84	122894	6.762	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 135.200%#		
26) 1,2-Dichloroethane-d4	5.037	65	53269	6.911	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 138.200%#		
32) Benzene-d6	5.053	84	230842	6.459	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 129.200%#		
36) 1,2-Dichloropropane-d6	6.072	67	73912	7.113	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 142.200%#		
41) Toluene-d8	7.317	98	185986	5.598	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 112.000%		
43) trans-1,3-Dichloroprop...	7.629	79	17617	5.184	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 103.600%		
46) 2-Hexanone-d5	8.092	63	74985	59.430	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 118.860%		
56) 1,1,2,2-Tetrachloroeth...	10.217	84	46465	6.942	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 138.800%#		
66) 1,2-Dichlorobenzene-d4	11.622	152	63346	7.350	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 147.000%#		
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2820	0.166	ug/L	94
12) 1,1-Dichloroethene	2.121	96	102531	7.919	ug/L	99
19) 1,1-Dichloroethane	3.195	63	79430	3.716	ug/L	98
22) cis-1,2-Dichloroethene	3.925	96	2285	0.198	ug/L	71
29) 1,1,1-Trichloroethane	4.609	97	278705	14.849	ug/L	98
34) Trichloroethene	5.915	95	45261	3.802	ug/L	99

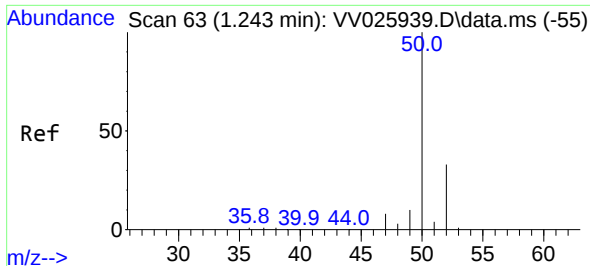
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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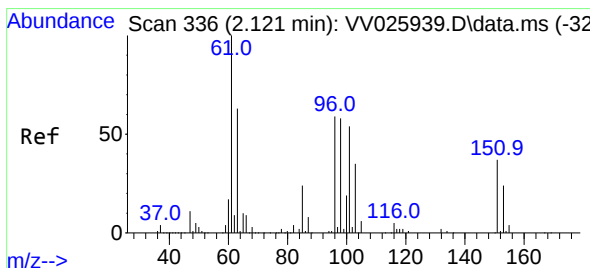
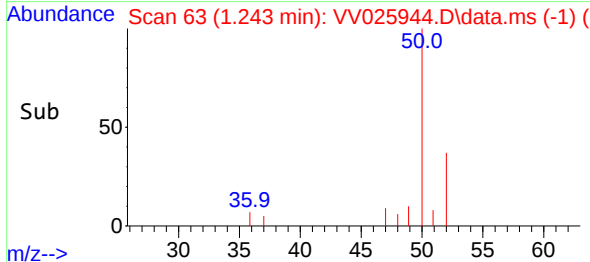
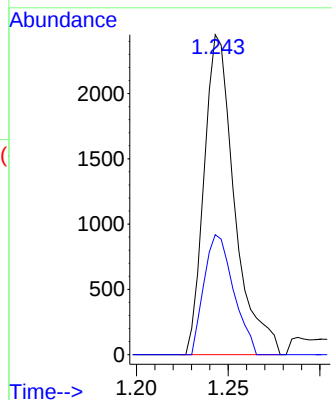
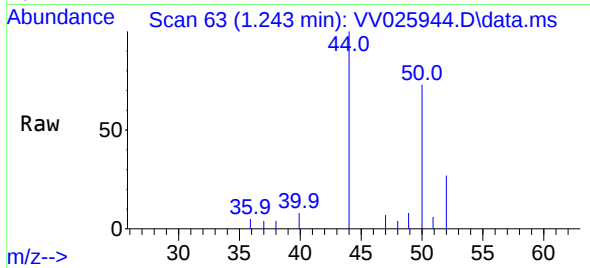




#3
Chloromethane
Concen: 0.166 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

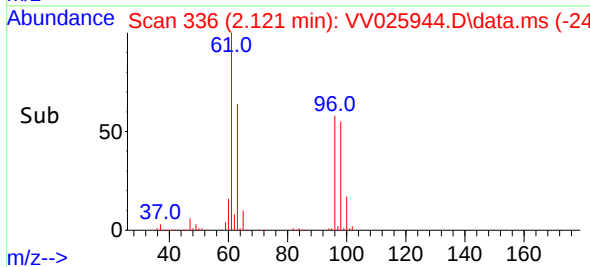
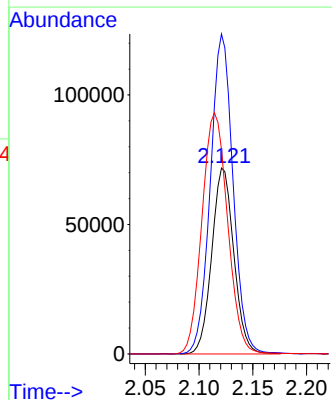
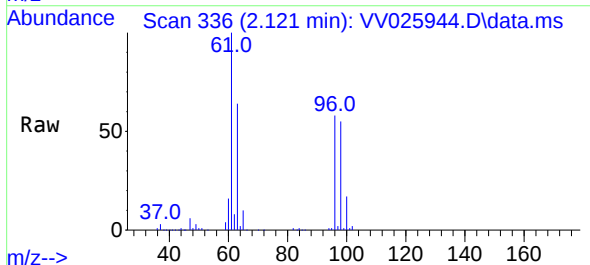
Instrument :
MSVOA_V
ClientSampleId :
C0AA3

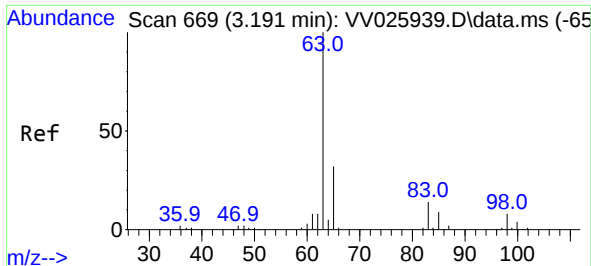
Tgt Ion: 50 Resp: 2820
Ion Ratio Lower Upper
50 100
52 37.5 23.9 44.3



#12
1,1-Dichloroethene
Concen: 7.919 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.000 min
Lab File: VV025944.D
Acq: 20 May 2022 14:31

Tgt Ion: 96 Resp: 102531
Ion Ratio Lower Upper
96 100
61 172.1 119.8 222.6
63 110.1 78.3 145.3





#19

1,1-Dichloroethane

Concen: 3.716 ug/L

RT: 3.195 min Scan# 61

Delta R.T. 0.003 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

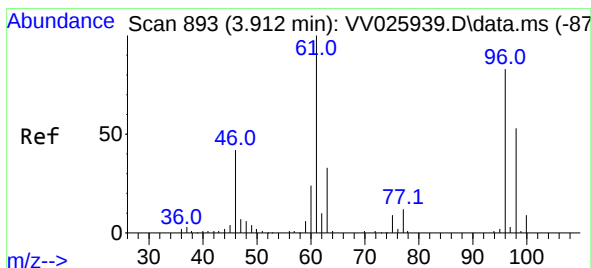
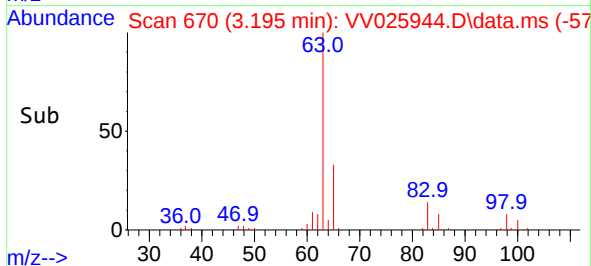
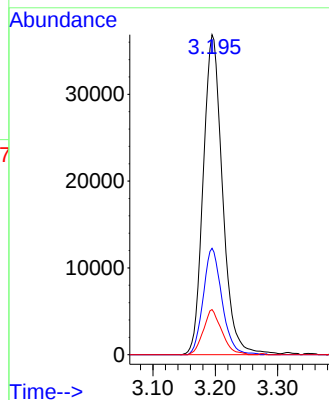
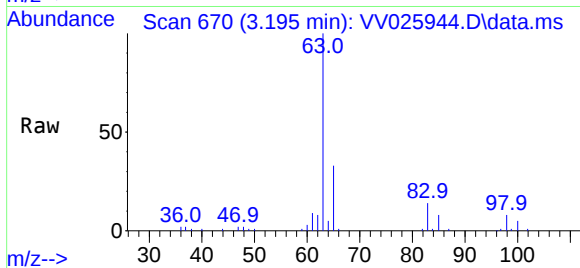
Tgt Ion: 63 Resp: 79430

Ion Ratio Lower Upper

63 100

65 33.2 22.3 41.5

83 14.1 10.0 18.6



#22

cis-1,2-Dichloroethene

Concen: 0.198 ug/L

RT: 3.925 min Scan# 897

Delta R.T. 0.013 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

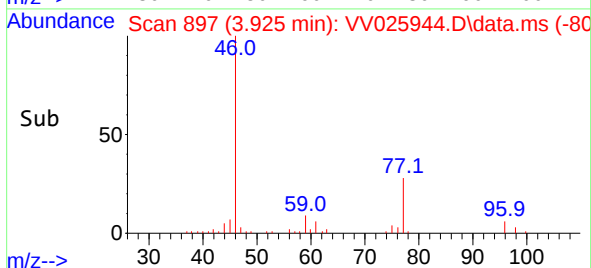
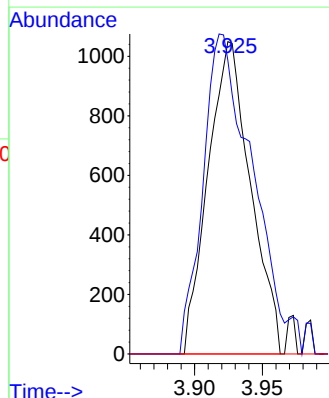
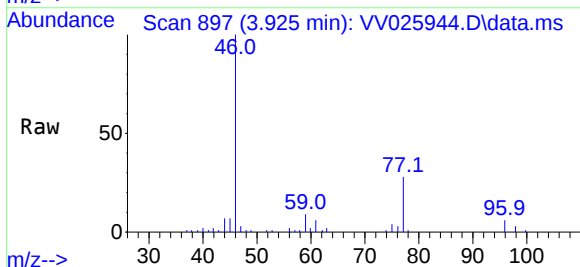
Tgt Ion: 96 Resp: 2285

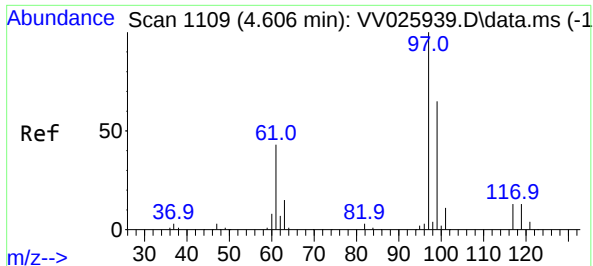
Ion Ratio Lower Upper

96 100

61 94.0 88.9 165.1

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 14.849 ug/L

RT: 4.609 min Scan# 1110

Delta R.T. 0.003 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

Instrument :

MSVOA_V

ClientSampleId :

C0AA3

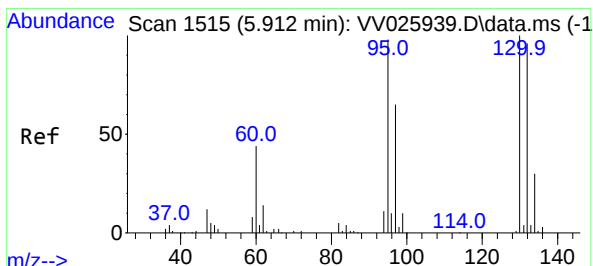
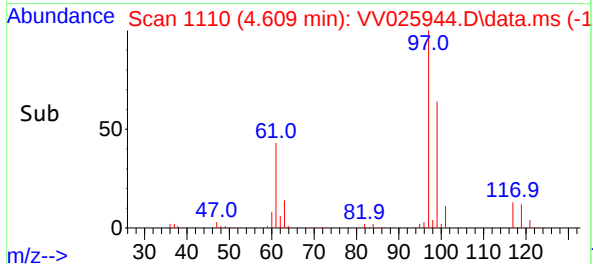
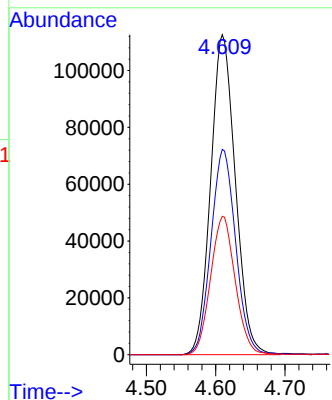
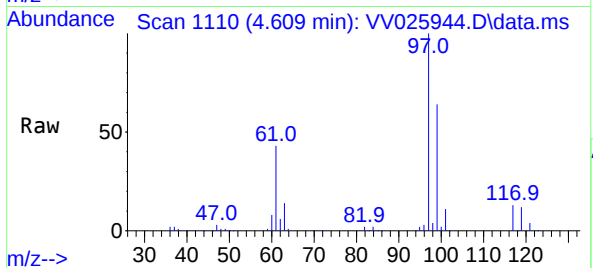
Tgt Ion: 97 Resp: 278705

Ion Ratio Lower Upper

97 100

99 64.4 51.0 76.6

61 43.3 36.3 54.5



#34

Trichloroethene

Concen: 3.802 ug/L

RT: 5.915 min Scan# 1516

Delta R.T. 0.003 min

Lab File: VV025944.D

Acq: 20 May 2022 14:31

Tgt Ion: 95 Resp: 45261

Ion Ratio Lower Upper

95 100

97 64.9 44.9 83.3

132 97.2 67.6 125.6

130 101.0 71.0 131.8

