

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031122\
 Data File : VW024959.D
 Acq On : 11 Mar 2022 13:00
 Operator : SY/MD
 Sample : N1855-12DL 5X
 Misc : 5mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

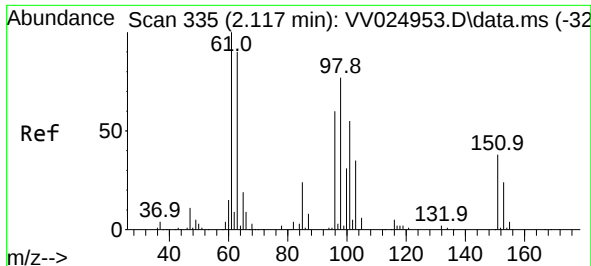
Instrument :
 MSVOA_V
 ClientSampleId :
 C0D38DL

Quant Time: Mar 11 23:10:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM022822WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 11 23:08:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	301509	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	292486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	129824	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	154113	50.269	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	100.540%
7) Chloroethane-d5	1.568	69	115052	47.833	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	95.660%
11) 1,1-Dichloroethene-d2	2.108	63	194808	37.859	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	75.720%
21) 2-Butanone-d5	3.892	46	173025	99.170	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	99.170%
24) Chloroform-d	4.349	84	246878	46.130	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.260%
26) 1,2-Dichloroethane-d4	5.031	65	149008	47.189	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.380%
32) Benzene-d6	5.050	84	530702	48.953	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.900%
36) 1,2-Dichloropropane-d6	6.069	67	163738	48.477	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	96.960%
41) Toluene-d8	7.313	98	465759	48.494	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.980%
43) trans-1,3-Dichloroprop...	7.619	79	67756	46.166	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	92.340%
47) 2-Hexanone-d5	8.088	63	115342	89.965	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.960%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	191726	47.857	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	95.720%
66) 1,2-Dichlorobenzene-d4	11.622	152	153243	51.243	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.480%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.108	101	1710	0.746	ug/L #	23
12) 1,1-Dichloroethene	2.117	96	10558	4.731	ug/L #	1
20) cis-1,2-Dichloroethene	3.915	96	16160	6.185	ug/L	97
30) 1,1,1-Trichloroethane	4.613	97	15306	3.974	ug/L	100
34) Trichloroethene	5.912	95	185155	68.424	ug/L	99
37) 1,2-Dichloropropane	6.069	63	16875	6.813	ug/L #	86
39) cis-1,3-Dichloropropene	6.985	75	4274	1.146	ug/L #	67
61) 1,2,3-Trichloropropane	11.246	75	15861	6.106	ug/L #	66

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



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.746 ug/L

RT: 2.108 min Scan# 31

Delta R.T. -0.010 min

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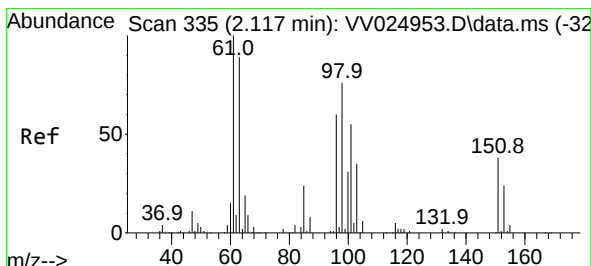
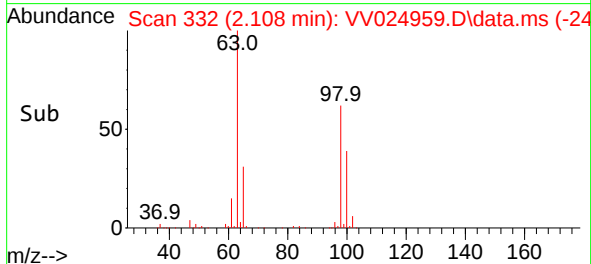
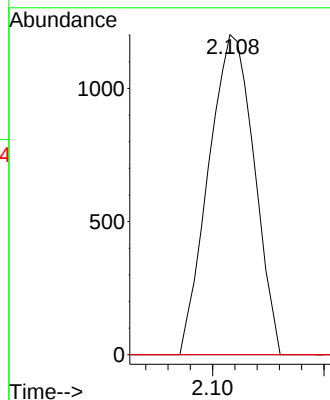
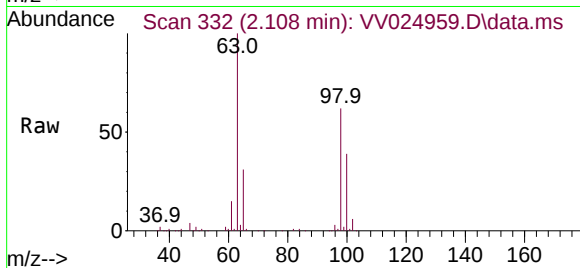
Tgt Ion:101 Resp: 1710

Ion Ratio Lower Upper

101 100

85 0.0 33.8 50.8#

151 0.0 54.1 81.1#



#12

1,1-Dichloroethene

Concen: 4.731 ug/L

RT: 2.117 min Scan# 335

Delta R.T. 0.000 min

Lab File: VV024959.D

Acq: 11 Mar 2022 13:00

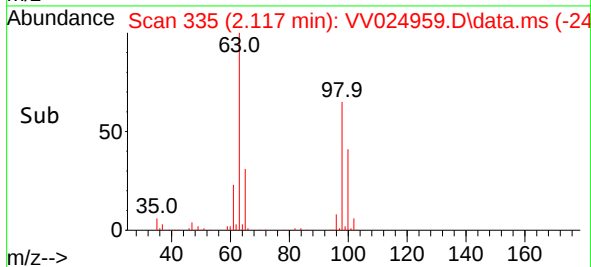
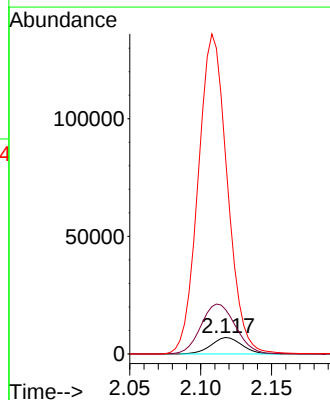
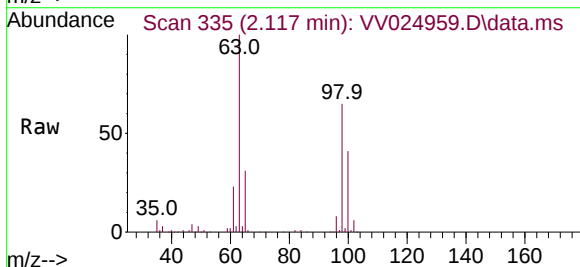
Tgt Ion: 96 Resp: 10558

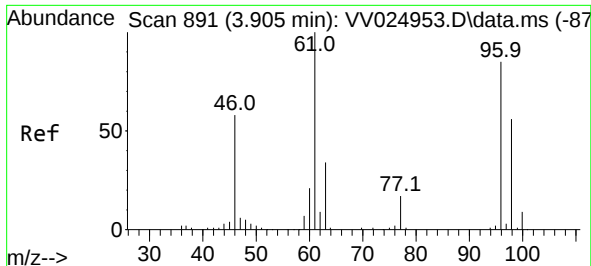
Ion Ratio Lower Upper

96 100

61 268.9 117.6 218.4#

63 1193.9 105.3 195.5#

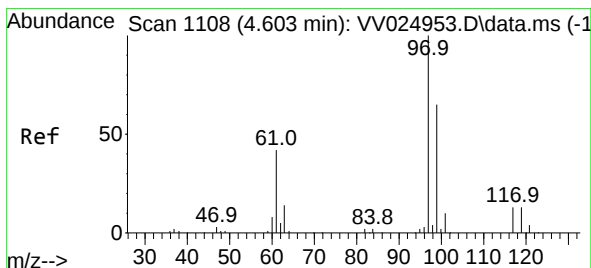
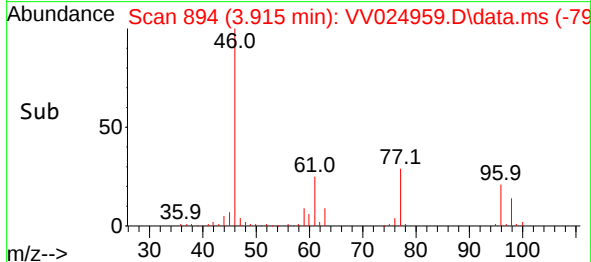
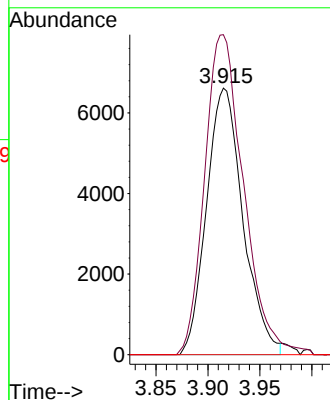
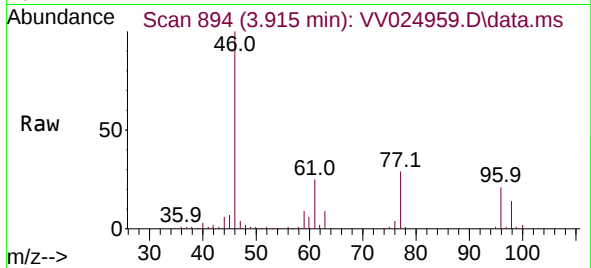




#20
 cis-1,2-Dichloroethene
 Concen: 6.185 ug/L
 RT: 3.915 min Scan# 891
 Delta R.T. 0.010 min
 Lab File: VV024959.D
 Acq: 11 Mar 2022 13:00

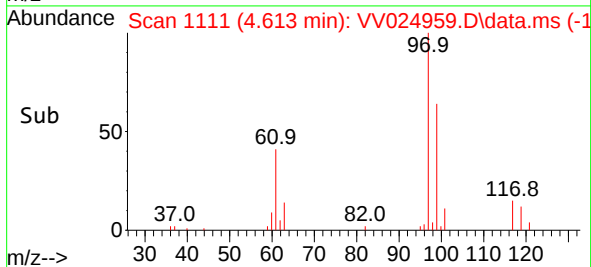
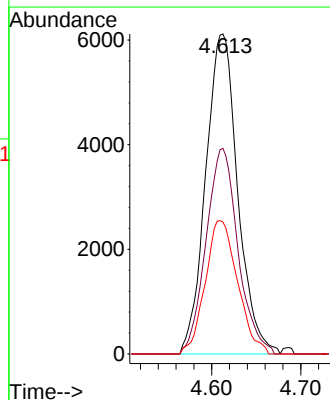
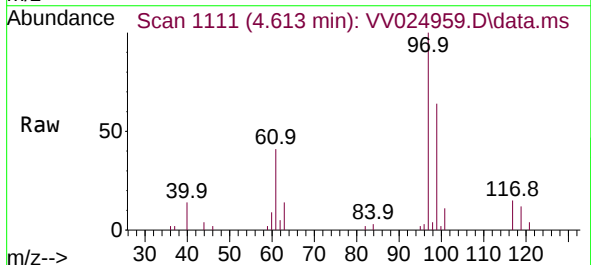
Instrument :
 MSVOA_V
 ClientSampleId :
 COD38DL

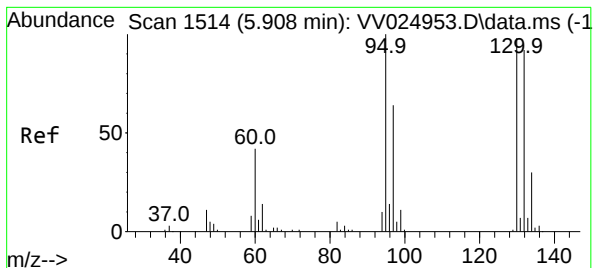
Tgt Ion: 96 Resp: 16160
 Ion Ratio Lower Upper
 96 100
 61 120.0 86.1 159.9
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 3.974 ug/L
 RT: 4.613 min Scan# 1111
 Delta R.T. 0.010 min
 Lab File: VV024959.D
 Acq: 11 Mar 2022 13:00

Tgt Ion: 97 Resp: 15306
 Ion Ratio Lower Upper
 97 100
 99 64.0 51.5 77.3
 61 42.0 33.8 50.8





#34

Trichloroethene

Concen: 68.424 ug/L

RT: 5.912 min Scan# 11

Delta R.T. 0.003 min

Lab File: VV024959.D

Acq: 11 Mar 2022 13:00

Instrument :

MSVOA_V

ClientSampleId :

C0D38DL

Tgt Ion: 95 Resp: 185155

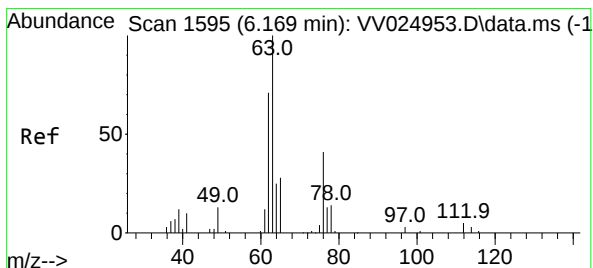
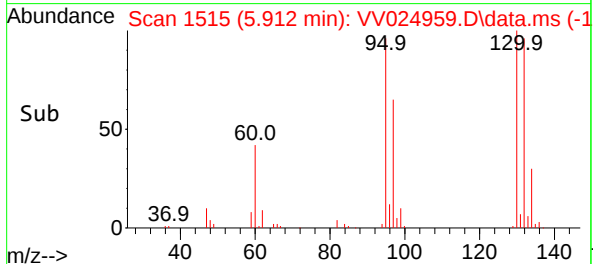
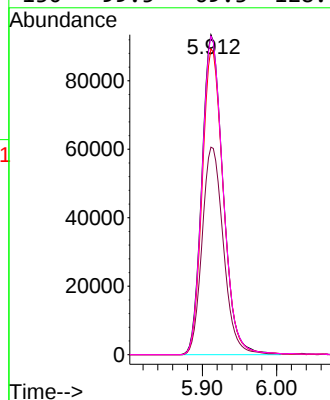
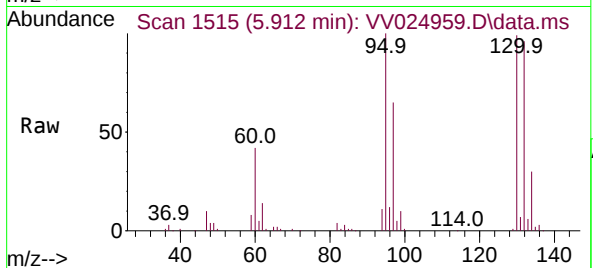
Ion Ratio Lower Upper

95 100

97 64.9 45.3 84.1

132 95.6 65.0 120.6

130 99.5 69.3 128.7



#37

1,2-Dichloropropane

Concen: 6.813 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.100 min

Lab File: VV024959.D

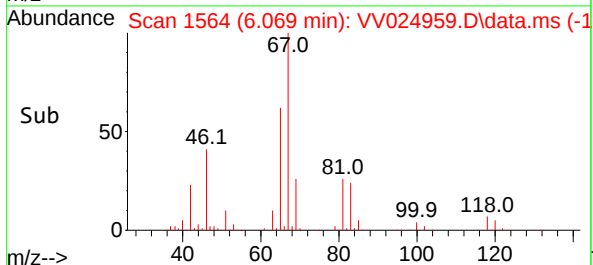
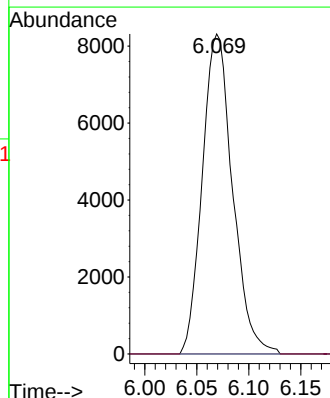
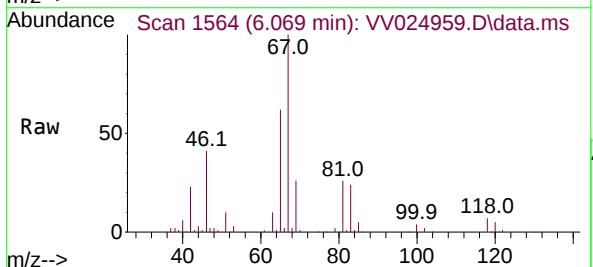
Acq: 11 Mar 2022 13:00

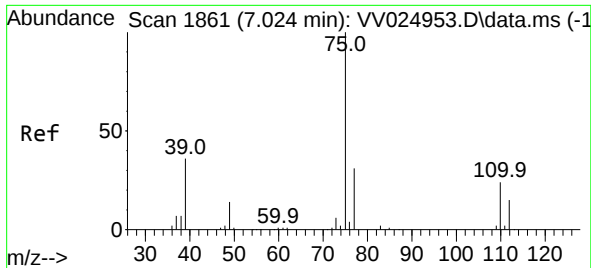
Tgt Ion: 63 Resp: 16875

Ion Ratio Lower Upper

63 100

112 0.0 3.6 5.4#

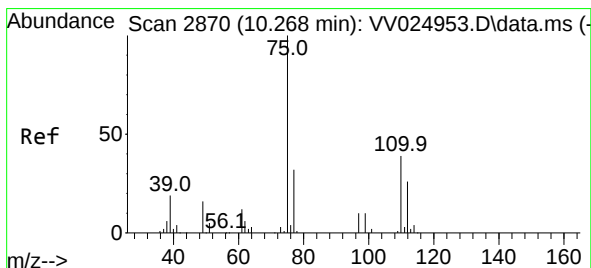
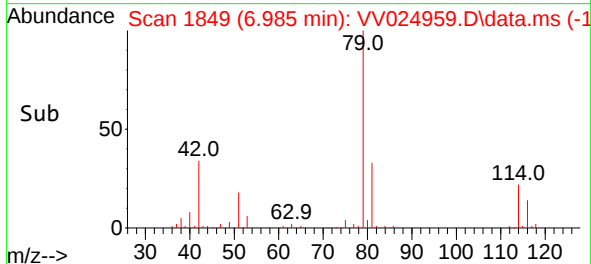
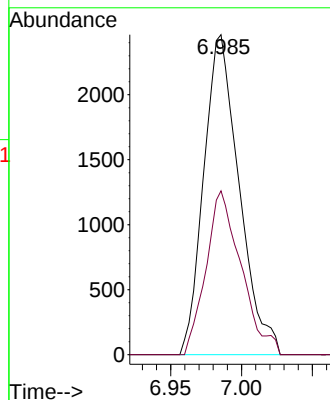
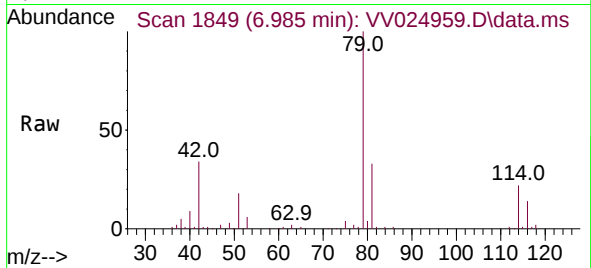




#39
 cis-1,3-Dichloropropene
 Concen: 1.146 ug/L
 RT: 6.985 min Scan# 11
 Delta R.T. -0.039 min
 Lab File: VV024959.D
 Acq: 11 Mar 2022 13:00

Instrument :
 MSVOA_V
 ClientSampleId :
 COD38DL

Tgt Ion: 75 Resp: 4274
 Ion Ratio Lower Upper
 75 100
 77 51.2 22.9 42.5#



#61
 1,2,3-Trichloropropane
 Concen: 6.106 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.977 min
 Lab File: VV024959.D
 Acq: 11 Mar 2022 13:00

Tgt Ion: 75 Resp: 15861
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.4 38.0
 110 3.0 31.4 47.2#

