

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041723\
 Data File : VW030594.D
 Acq On : 17 Apr 2023 17:22
 Operator : SY/MD
 Sample : 02360-02
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

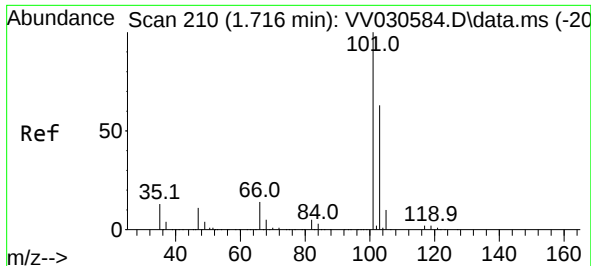
Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 18 02:51:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 18 02:45:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	250283	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	242158	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	115602	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	87153	47.501	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	95.000%		
7) Chloroethane-d5	1.536	69	71000	46.178	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.360%		
11) 1,1-Dichloroethene-d2	2.066	65	40667	46.738	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.480%		
21) 2-Butanone-d5	3.799	46	97561	96.809	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	96.810%		
24) Chloroform-d	4.259	84	154649	46.510	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.020%		
26) 1,2-Dichloroethane-d4	4.950	65	105655	49.424	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	98.840%		
32) Benzene-d6	4.970	84	286736	50.082	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	100.160%		
36) 1,2-Dichloropropane-d6	5.998	67	92462	51.991	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	103.980%		
41) Toluene-d8	7.252	98	257068	47.822	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.640%		
43) trans-1,3-Dichloroprop...	7.558	79	43960	49.043	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	98.080%		
47) 2-Hexanone-d5	8.034	63	61561	87.870	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	87.870%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	117661	45.595	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	91.180%		
66) 1,2-Dichlorobenzene-d4	11.571	152	98582	53.651	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.300%		
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.073	101	2993	0.811	ug/L	85
10) 1,1,2-Trichloro-1,2,2-...	2.073	101	3066	1.582	ug/L #	64
12) 1,1-Dichloroethene	2.073	96	2286	1.304	ug/L #	1
20) cis-1,2-Dichloroethene	3.828	96	20041	10.413	ug/L	99
30) 1,1,1-Trichloroethane	4.523	97	8337	2.450	ug/L #	85
34) Trichloroethene	5.841	95	2087114	1091.165	ug/L	97
37) 1,2-Dichloropropane	5.838	63	8094	4.089	ug/L	100
44) trans-1,3-Dichloropropene	7.558	75	2568	0.880	ug/L	96

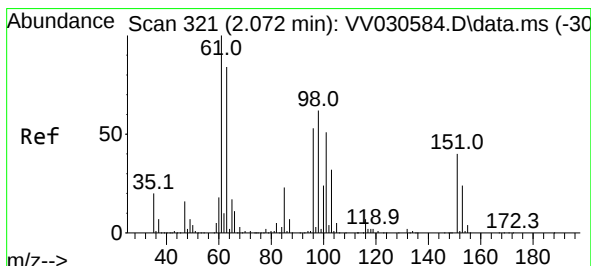
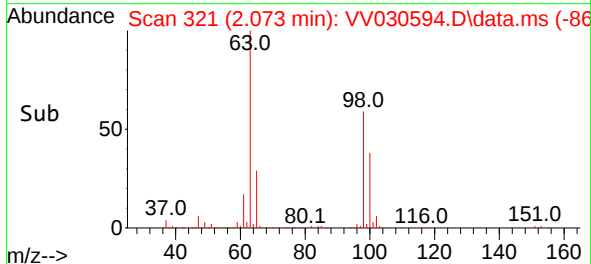
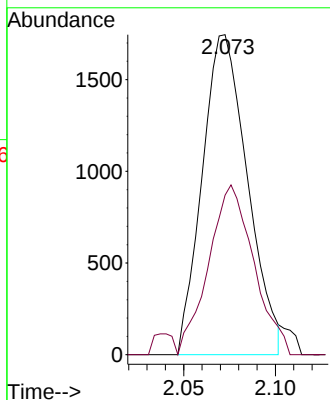
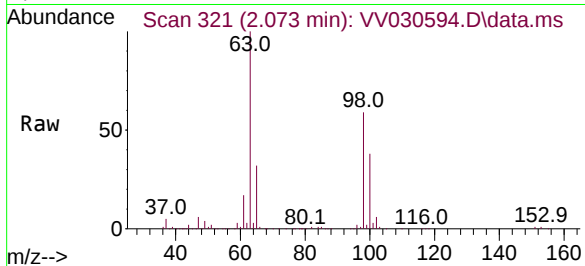
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#9
Trichlorofluoromethane
Concen: 0.811 ug/L
RT: 2.073 min Scan# 31
Delta R.T. 0.357 min
Lab File: VV030594.D
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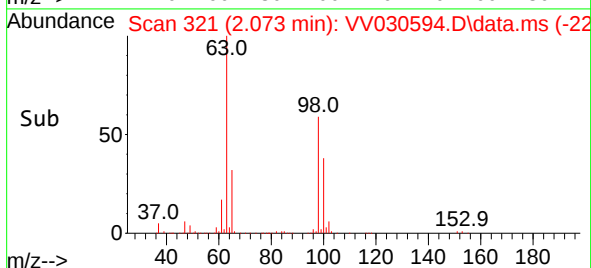
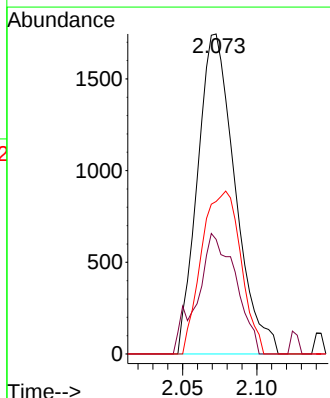
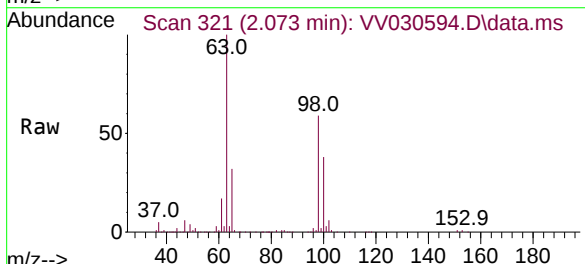
Instrument :
MSVOA_V
ClientSampleId :

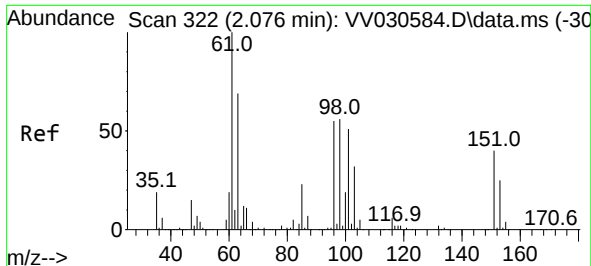
Tgt Ion:101 Resp: 2993
Ion Ratio Lower Upper
101 100
103 52.3 51.4 77.0



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.582 ug/L
RT: 2.073 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV030594.D
Acq: 17 Apr 2023 17:22

Tgt Ion:101 Resp: 3066
Ion Ratio Lower Upper
101 100
85 15.5 37.5 56.3#
151 53.4 63.5 95.3#





#12

1,1-Dichloroethene

Concen: 1.304 ug/L

RT: 2.073 min Scan# 31

Delta R.T. -0.003 min

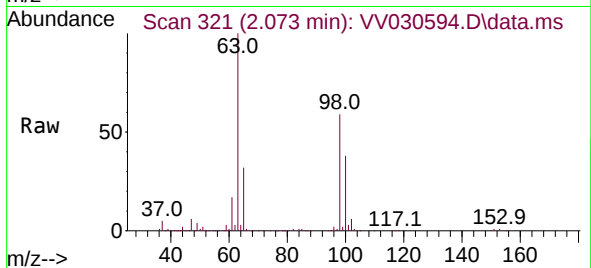
Lab File: VV030594.D

Acq: 17 Apr 2023 17:22

Instrument :

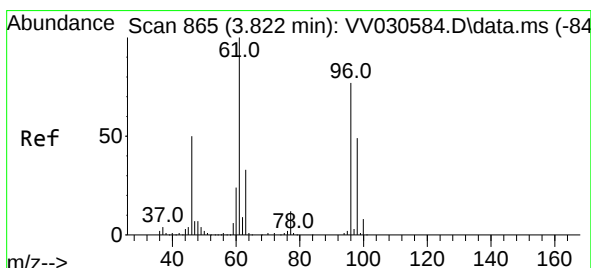
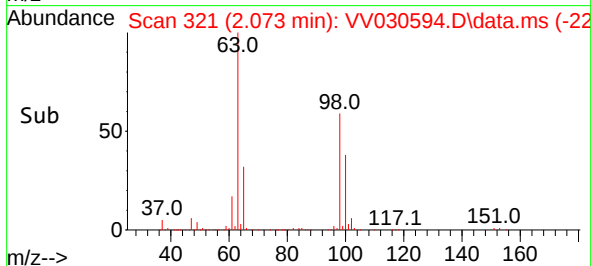
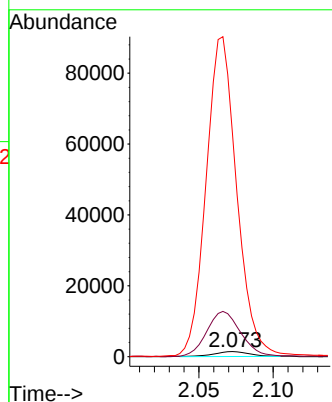
MSVOA_V

ClientSampleId :



Tgt Ion: 96 Resp: 2286

Ion	Ratio	Lower	Upper
96	100		
61	728.7	131.9	245.0#
63	4366.1	99.8	185.3#



#20

cis-1,2-Dichloroethene

Concen: 10.413 ug/L

RT: 3.828 min Scan# 867

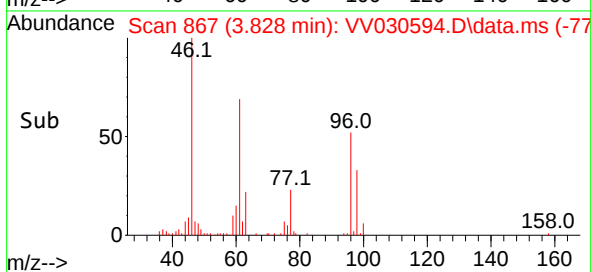
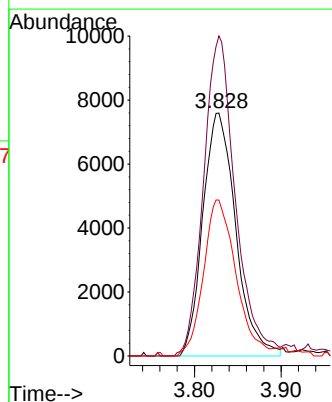
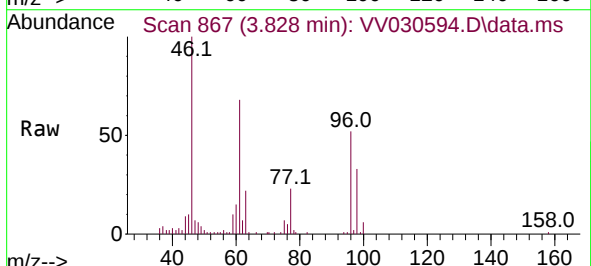
Delta R.T. 0.006 min

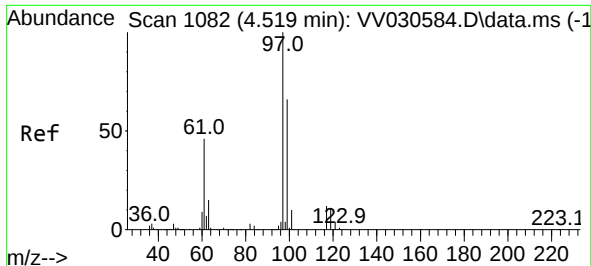
Lab File: VV030594.D

Acq: 17 Apr 2023 17:22

Tgt Ion: 96 Resp: 20041

Ion	Ratio	Lower	Upper
96	100		
61	131.8	92.3	171.3
98	64.2	45.9	85.3





#30

1,1,1-Trichloroethane

Concen: 2.450 ug/L

RT: 4.523 min Scan# 1082

Delta R.T. 0.003 min

Lab File: VV030594.D

Acq: 17 Apr 2023 17:22

Instrument :

MSVOA_V

ClientSampleId :

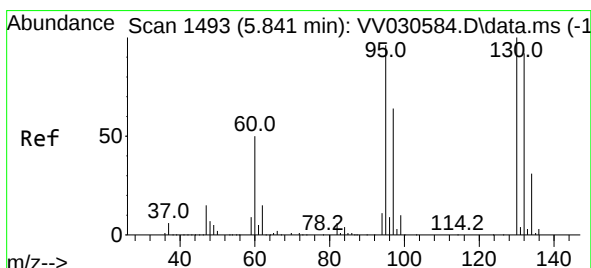
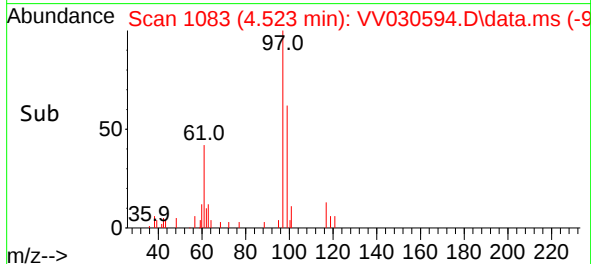
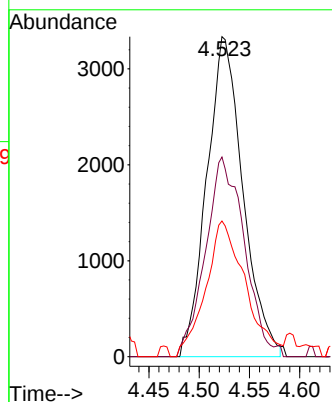
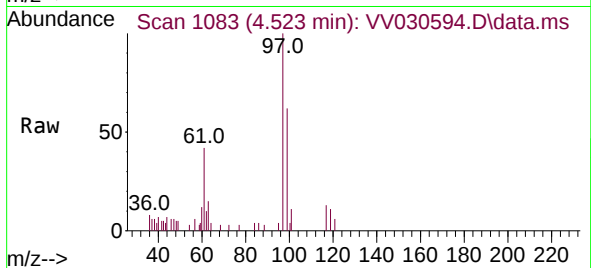
Tgt Ion: 97 Resp: 8337

Ion Ratio Lower Upper

97 100

99 43.8 51.4 77.0#

61 46.5 37.0 55.6



#34

Trichloroethene

Concen: 1091.165 ug/L

RT: 5.841 min Scan# 1493

Delta R.T. 0.000 min

Lab File: VV030594.D

Acq: 17 Apr 2023 17:22

Tgt Ion: 95 Resp: 2087114

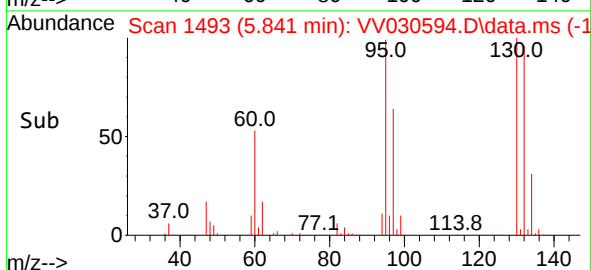
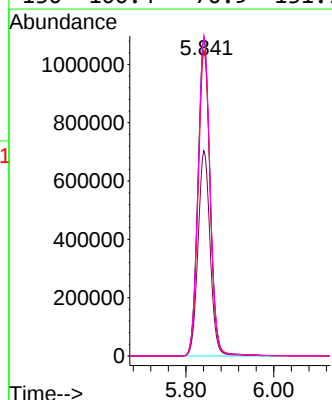
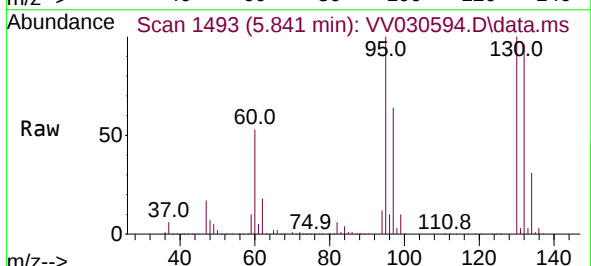
Ion Ratio Lower Upper

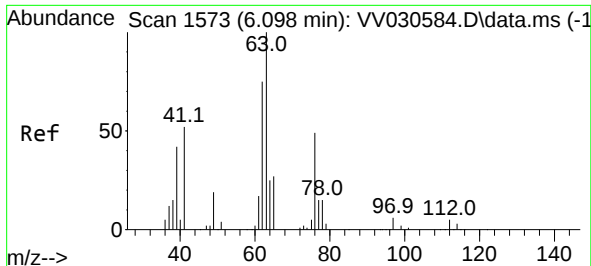
95 100

97 64.4 45.8 85.2

132 96.0 70.6 131.2

130 100.4 70.9 131.7





#37

1,2-Dichloropropane

Concen: 4.089 ug/L

RT: 5.838 min Scan# 14

Delta R.T. -0.260 min

Lab File: VV030594.D

Acq: 17 Apr 2023 17:22

Instrument :

MSVOA_V

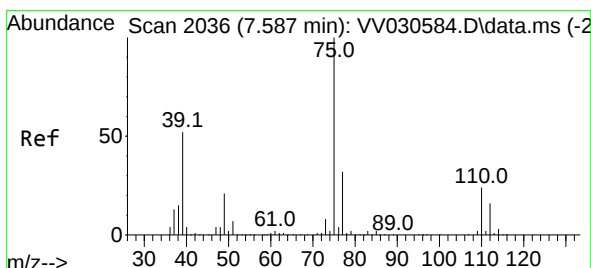
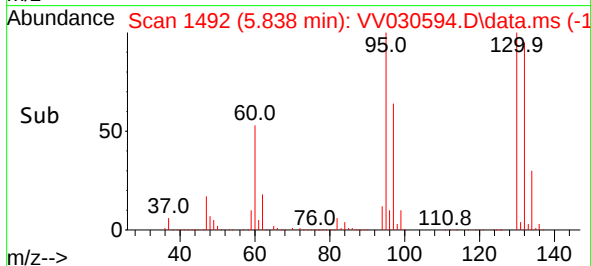
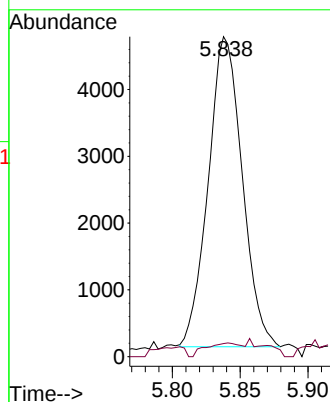
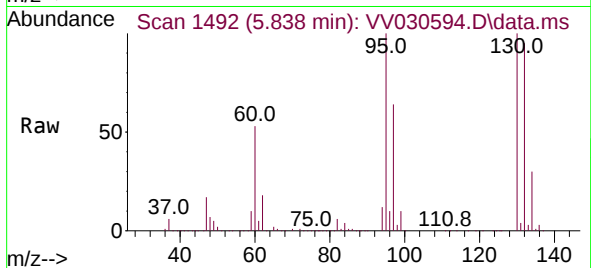
ClientSampleId :

Tgt Ion: 63 Resp: 8094

Ion Ratio Lower Upper

63 100

112 4.7 3.8 5.8



#44

trans-1,3-Dichloropropene

Concen: 0.880 ug/L

RT: 7.558 min Scan# 2027

Delta R.T. -0.029 min

Lab File: VV030594.D

Acq: 17 Apr 2023 17:22

Tgt Ion: 75 Resp: 2568

Ion Ratio Lower Upper

75 100

77 29.4 22.1 41.1

