

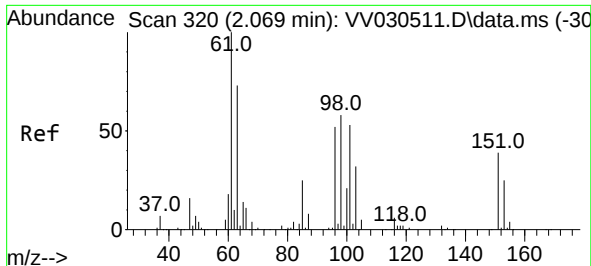
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041223\
 Data File : VW030523.D
 Acq On : 12 Apr 2023 17:21
 Operator : SY/MD
 Sample : 02250-05DL 50X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD6DL

Quant Time: Apr 13 02:50:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 13 02:44:31 2023
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.545	114	109191	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.796	117	109864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	53291	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	48545	6.713	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 134.200%#		
7) Chloroethane-d5	1.536	69	37526	5.347	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 107.000%		
11) 1,1-Dichloroethene-d2	2.066	63	94993	5.536	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 110.800%		
20) 2-Butanone-d5	3.828	46	80429	43.029	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 86.060%		
24) Chloroform-d	4.262	84	81668	4.666	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 93.400%		
26) 1,2-Dichloroethane-d4	4.957	65	43405	5.256	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 105.200%		
32) Benzene-d6	4.973	84	148457	4.795	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 96.000%		
36) 1,2-Dichloropropane-d6	6.002	67	45993	4.745	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 95.000%		
41) Toluene-d8	7.252	98	127623	4.489	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 89.800%		
43) trans-1,3-Dichloroprop...	7.564	79	17596	4.822	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 96.400%		
46) 2-Hexanone-d5	8.037	63	68331	46.598	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 93.200%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	34674	4.539	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 90.800%		
66) 1,2-Dichlorobenzene-d4	11.570	152	48134	5.054	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 101.000%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.072	101	4622	0.450	ug/L	94
12) 1,1-Dichloroethene	2.072	96	41515	4.550	ug/L	88
19) 1,1-Dichloroethane	3.124	63	26624	1.429	ug/L	96
22) cis-1,2-Dichloroethene	3.838	96	2641	0.274	ug/L	95
29) 1,1,1-Trichloroethane	4.526	97	7190	0.407	ug/L	94
34) Trichloroethene	5.844	95	65027	6.179	ug/L	99
47) Tetrachloroethene	7.915	164	12249	1.319	ug/L	90

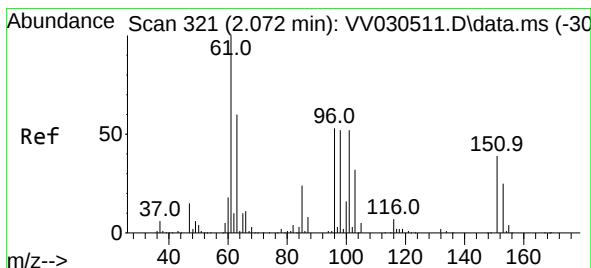
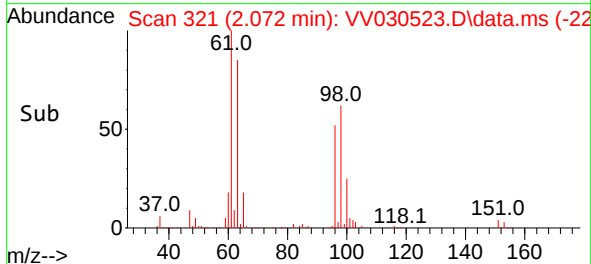
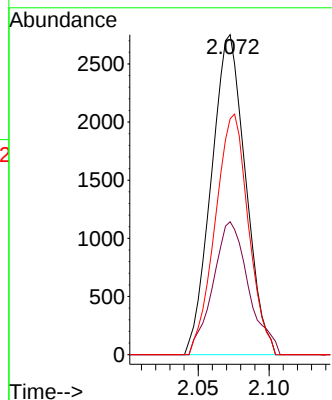
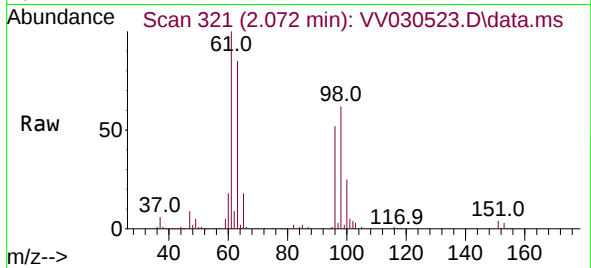
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.450 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.003 min
Lab File: VV030523.D
Acq: 12 Apr 2023 17:21

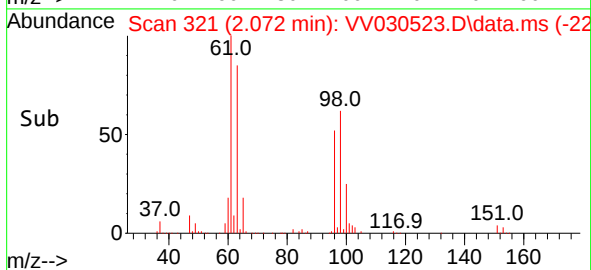
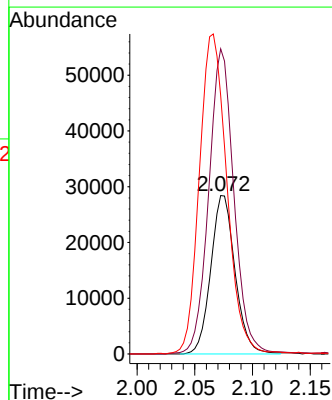
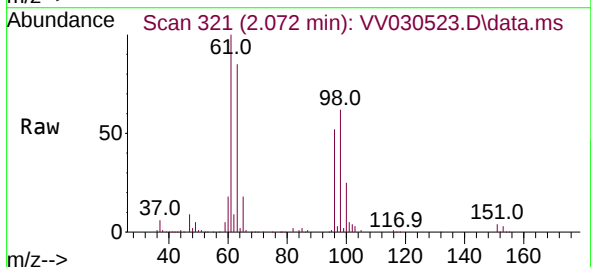
Instrument :
MSVOA_V
ClientSampleId :
BHD6DL

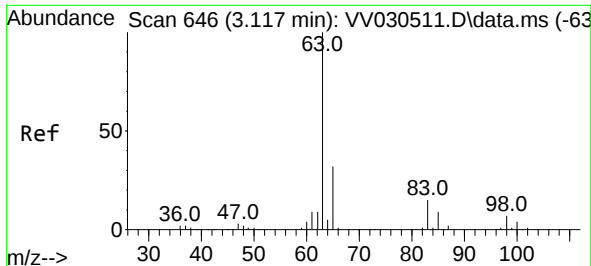
Tgt Ion:101 Resp: 4622
Ion Ratio Lower Upper
101 100
85 43.3 38.1 57.1
151 73.1 62.7 94.1



#12
1,1-Dichloroethene
Concen: 4.550 ug/L
RT: 2.072 min Scan# 321
Delta R.T. 0.000 min
Lab File: VV030523.D
Acq: 12 Apr 2023 17:21

Tgt Ion: 96 Resp: 41515
Ion Ratio Lower Upper
96 100
61 192.7 136.3 253.1
63 163.2 92.1 171.1





#19

1,1-Dichloroethane

Concen: 1.429 ug/L

RT: 3.124 min Scan# 64

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

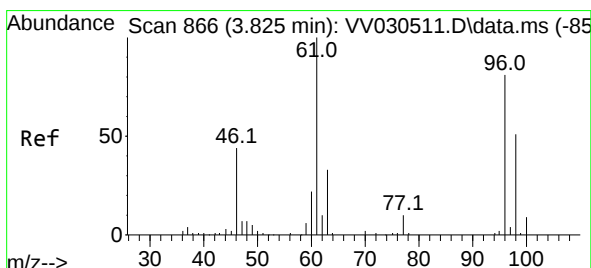
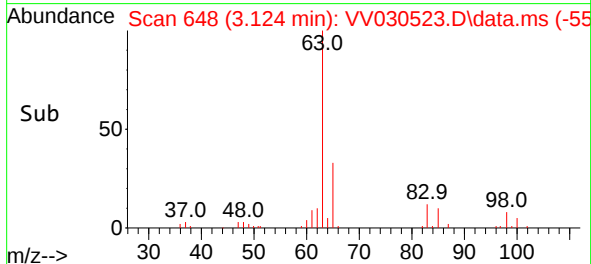
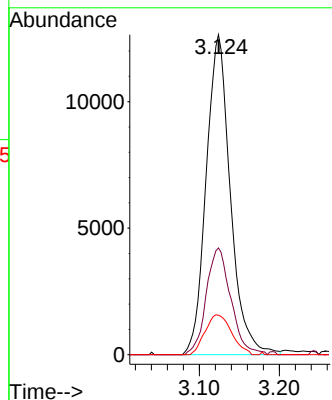
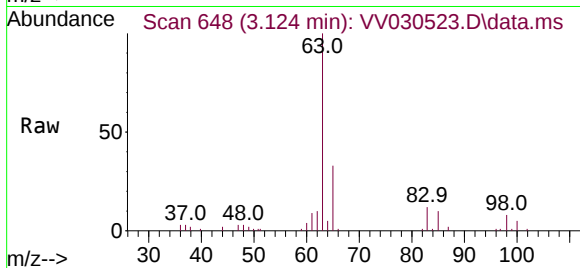
Tgt Ion: 63 Resp: 26624

Ion Ratio Lower Upper

63 100

65 33.4 21.7 40.3

83 12.3 9.1 16.9



#22

cis-1,2-Dichloroethene

Concen: 0.274 ug/L

RT: 3.838 min Scan# 870

Delta R.T. 0.013 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

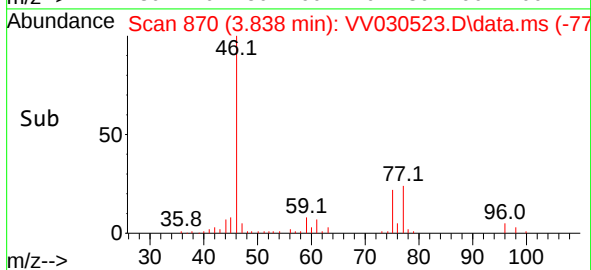
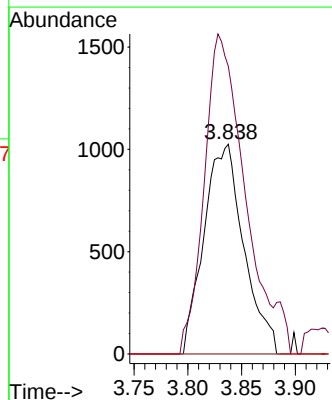
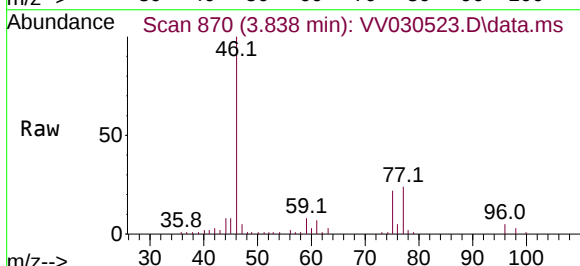
Tgt Ion: 96 Resp: 2641

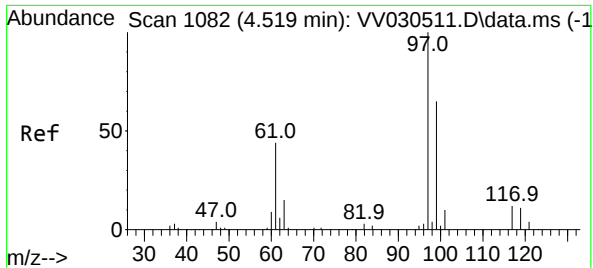
Ion Ratio Lower Upper

96 100

61 137.1 92.0 170.8

68 0.0 0.0 0.0





#29

1,1,1-Trichloroethane

Concen: 0.407 ug/L

RT: 4.526 min Scan# 1084

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Instrument :

MSVOA_V

ClientSampleId :

BHDX6DL

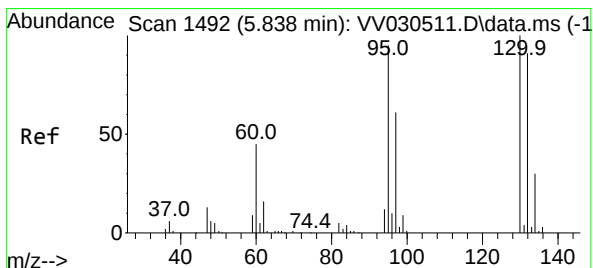
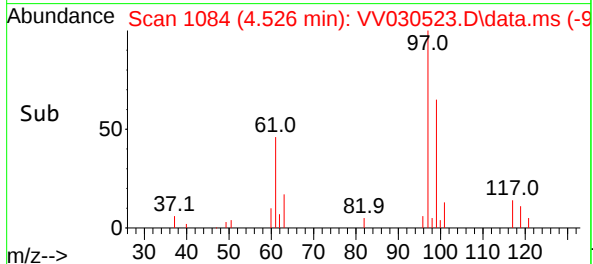
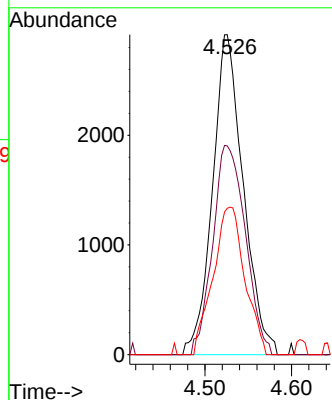
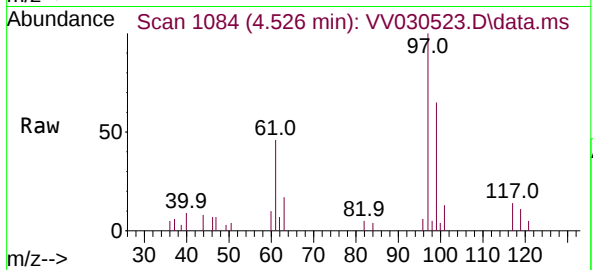
Tgt Ion: 97 Resp: 7190

Ion Ratio Lower Upper

97 100

99 69.5 50.9 76.3

61 47.7 35.9 53.9



#34

Trichloroethene

Concen: 6.179 ug/L

RT: 5.844 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VV030523.D

Acq: 12 Apr 2023 17:21

Tgt Ion: 95 Resp: 65027

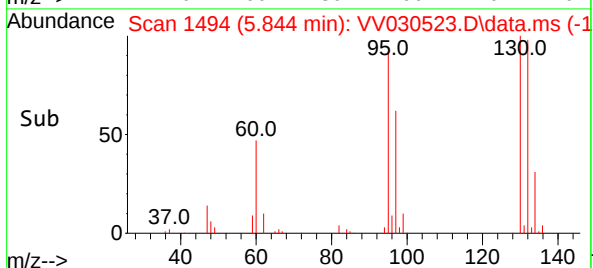
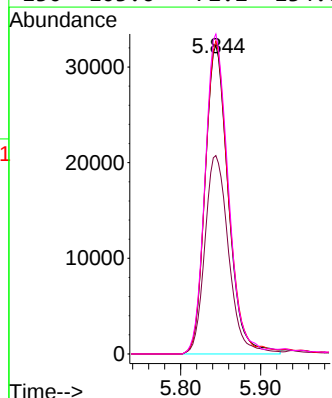
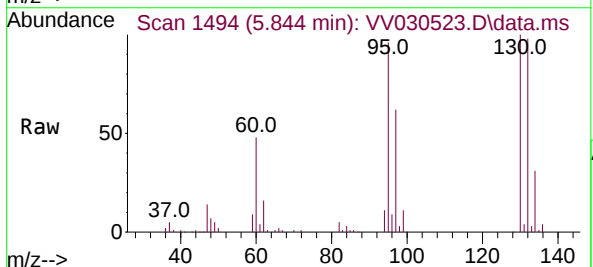
Ion Ratio Lower Upper

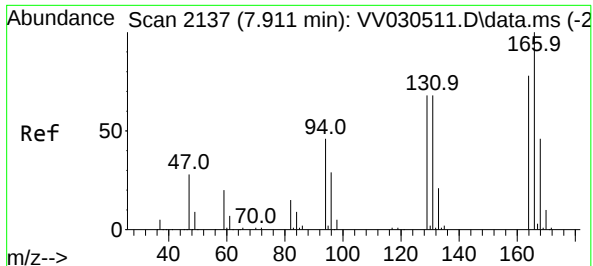
95 100

97 64.3 44.2 82.2

132 101.4 69.5 129.1

130 103.6 72.2 134.0





#47
 Tetrachloroethene
 Concen: 1.319 ug/L
 RT: 7.915 min Scan# 21
 Delta R.T. 0.003 min
 Lab File: VV030523.D
 Acq: 12 Apr 2023 17:21

Instrument :
 MSVOA_V
 ClientSampleId :
 BHD6DL

Tgt Ion:164	Resp:	12249
Ion	Ratio	Lower Upper
164	100	
129	94.4	60.8 112.8
131	95.0	61.7 114.7
166	135.9	85.6 159.0

