

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW042023\
 Data File : VW030718.D
 Acq On : 20 Apr 2023 15:47
 Operator : SY/MD
 Sample : 02411-19 20X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

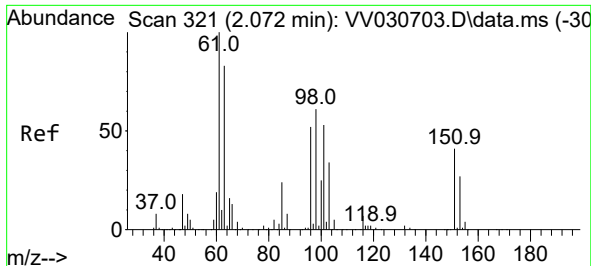
Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS2

Quant Time: Apr 21 00:18:51 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM041723WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 21 00:14:50 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.542	114	240134	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.793	117	234739	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.194	152	111886	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.282	65	72811	41.361	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	82.720%
7) Chloroethane-d5	1.539	69	60806	41.219	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.440%
11) 1,1-Dichloroethene-d2	2.066	65	34346	41.142	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.280%
21) 2-Butanone-d5	3.809	46	85901	88.842	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	88.840%
24) Chloroform-d	4.259	84	131074	41.086	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.180%
26) 1,2-Dichloroethane-d4	4.950	65	91650	44.685	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.360%
32) Benzene-d6	4.970	84	244180	43.997	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	88.000%
36) 1,2-Dichloropropane-d6	5.998	67	74034	42.945	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.880%
41) Toluene-d8	7.249	98	208333	39.981	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	79.960%#
43) trans-1,3-Dichloroprop...	7.561	79	35554	40.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	81.840%
47) 2-Hexanone-d5	8.034	63	55491	81.709	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	81.710%
56) 1,1,2,2-Tetrachloroeth...	10.159	84	101429	40.547	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	81.100%
66) 1,2-Dichlorobenzene-d4	11.571	152	85403	48.023	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	96.040%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	1892	1.017	ug/L #	63
12) 1,1-Dichloroethene	2.073	96	2021	1.202	ug/L #	1
20) cis-1,2-Dichloroethene	3.825	96	1972	1.068	ug/L	84
30) 1,1,1-Trichloroethane	4.523	97	19357	5.869	ug/L	98
34) Trichloroethene	5.841	95	186367	100.514	ug/L	98

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



#10

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

Concen: 1.017 ug/L

RT: 2.069 min Scan# 31

Delta R.T. -0.003 min

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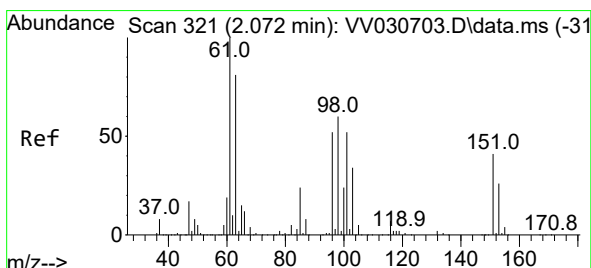
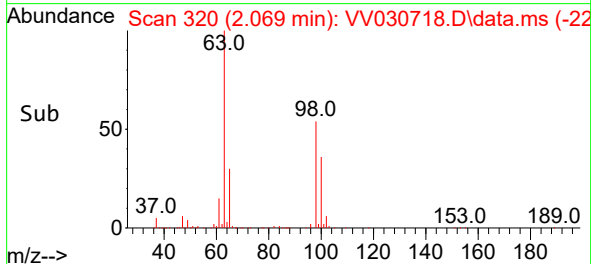
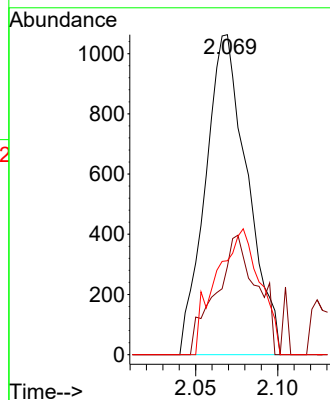
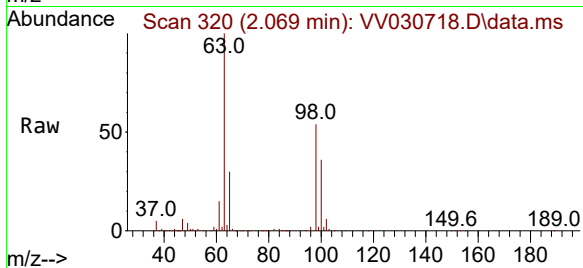
Tgt Ion:101 Resp: 1892

Ion Ratio Lower Upper

101 100

85 33.9 37.5 56.3#

151 37.4 63.5 95.3#



#12

1,1-Dichloroethene

Concen: 1.202 ug/L

RT: 2.073 min Scan# 321

Delta R.T. 0.000 min

Lab File: VV030718.D

Acq: 20 Apr 2023 15:47

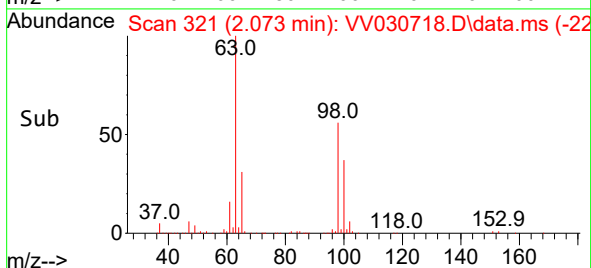
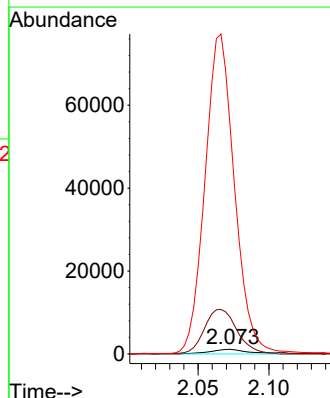
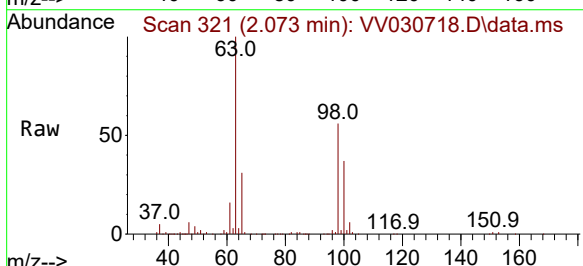
Tgt Ion: 96 Resp: 2021

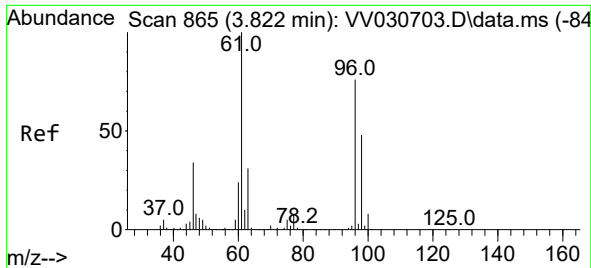
Ion Ratio Lower Upper

96 100

61 790.4 131.9 245.0#

63 4890.5 99.8 185.3#



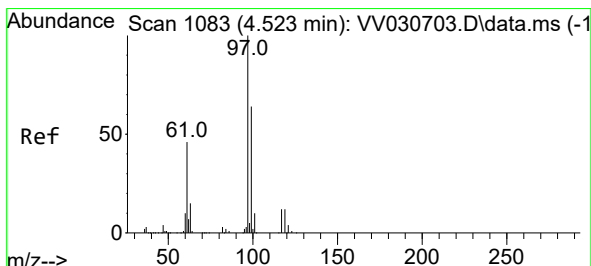
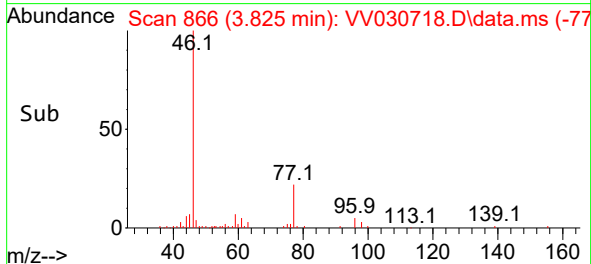
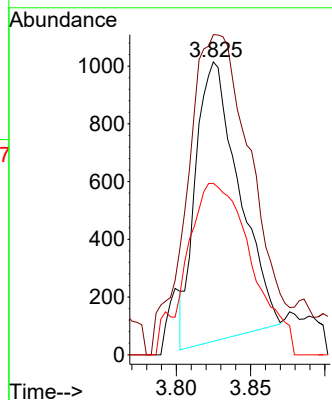
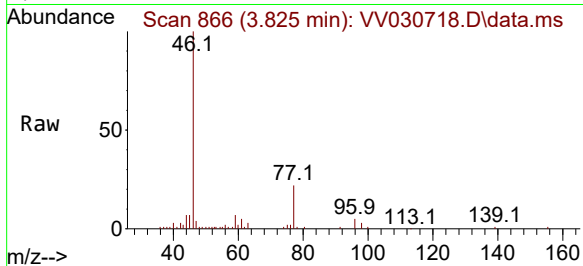


#20
 cis-1,2-Dichloroethene
 Concen: 1.068 ug/L
 RT: 3.825 min Scan# 865
 Delta R.T. 0.003 min
 Lab File: VV030718.D
 Acq: 20 Apr 2023 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS2

Tgt Ion: 96 Resp: 1972

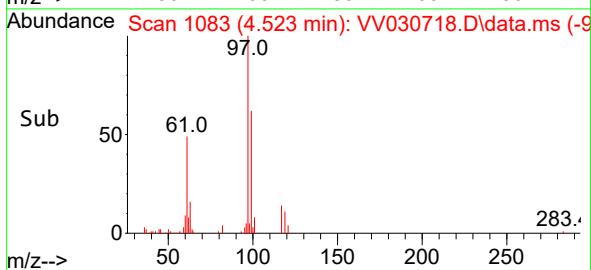
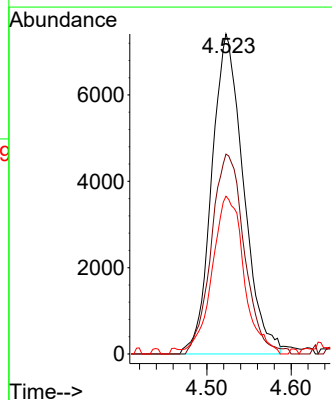
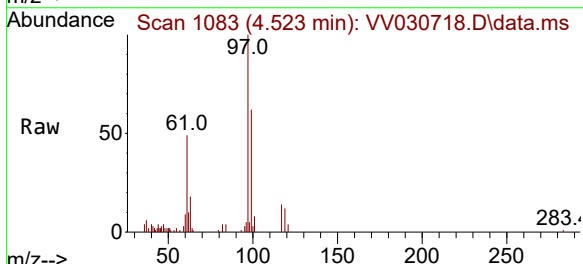
Ion	Ratio	Lower	Upper
96	100		
61	109.3	92.3	171.3
98	58.5	45.9	85.3

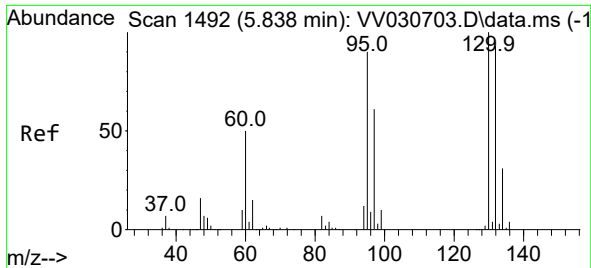


#30
 1,1,1-Trichloroethane
 Concen: 5.869 ug/L
 RT: 4.523 min Scan# 1083
 Delta R.T. 0.000 min
 Lab File: VV030718.D
 Acq: 20 Apr 2023 15:47

Tgt Ion: 97 Resp: 19357

Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.4	77.0
61	49.5	37.0	55.6





#34
 Trichloroethene
 Concen: 100.514 ug/L
 RT: 5.841 min Scan# 1493
 Delta R.T. 0.003 min
 Lab File: VV030718.D
 Acq: 20 Apr 2023 15:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AS2

Tgt Ion: 95 Resp: 186367

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.8	85.2
132	97.2	70.6	131.2
130	102.2	70.9	131.7

