

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121721\
 Data File : VW021426.D
 Acq On : 17 Dec 2021 13:06
 Operator : SY/VA
 Sample : M5102-02
 Misc : 6.50g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

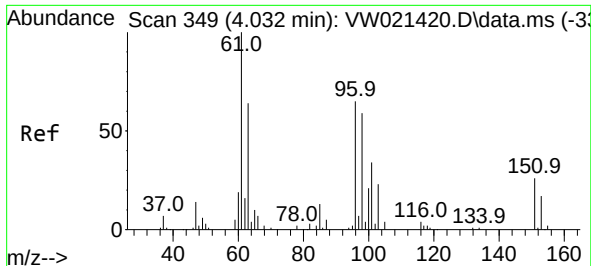
Instrument :
 MSVOA_W
 ClientSampleId :
 BGL45

Quant Time: Dec 17 16:08:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 17 00:58:26 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.836	114	78336	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	78719	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	41916	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	25713	18.023	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.080%		
7) Chloroethane-d5	2.879	69	21281	22.564	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.240%		
11) 1,1-Dichloroethene-d2	4.019	63	31691	16.661	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.640%		
21) 2-Butanone-d5	7.074	46	16944	84.253	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	168.500%#		
24) Chloroform-d	7.647	84	52020	23.829	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	95.320%		
26) 1,2-Dichloroethane-d4	8.305	65	30690	26.429	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	105.720%		
32) Benzene-d6	8.269	84	94821	21.975	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	87.920%		
36) 1,2-Dichloropropane-d6	9.268	67	28793	24.882	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	99.520%		
41) Toluene-d8	10.323	98	91427	20.738	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	82.960%		
43) trans-1,3-Dichloroprop...	10.573	79	11411	21.416	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	85.680%		
47) 2-Hexanone-d5	10.921	63	13738	80.284	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	160.560%#		
56) 1,1,2,2-Tetrachloroeth...	12.689	84	29762	29.918	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	119.680%		
66) 1,2-Dichlorobenzene-d4	13.847	152	35228	21.686	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	86.760%		
Target Compounds						
12) 1,1-Dichloroethene	4.038	96	9621	9.908	ug/L	# 68
19) 1,1-Dichloroethane	6.208	63	9498	5.757	ug/L	97
20) cis-1,2-Dichloroethene	7.171	96	2329	2.100	ug/L	# 64
30) 1,1,1-Trichloroethane	7.866	97	26694	15.114	ug/L	95
34) Trichloroethene	9.092	95	80009	66.465	ug/L	91
46) Tetrachloroethene	10.860	164	486134	425.115	ug/L	96

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



#12

1,1-Dichloroethene

Concen: 9.908 ug/L

RT: 4.038 min Scan# 349

Delta R.T. 0.000 min

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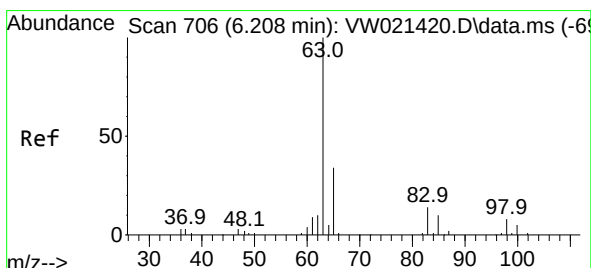
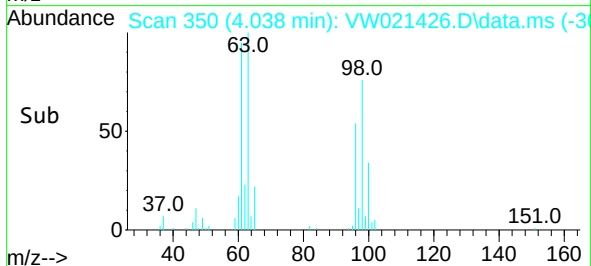
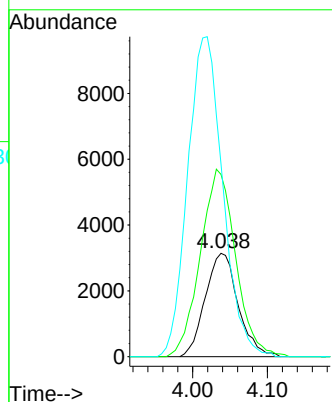
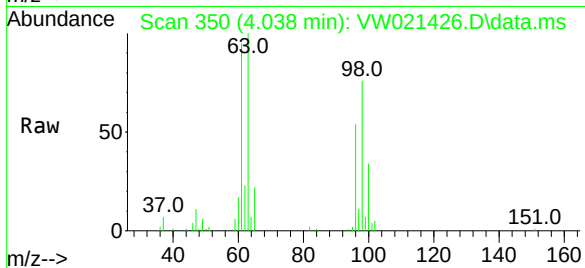
Tgt Ion: 96 Resp: 9621

Ion Ratio Lower Upper

96 100

61 176.2 138.3 256.9

63 186.4 82.6 153.4#



#19

1,1-Dichloroethane

Concen: 5.757 ug/L

RT: 6.208 min Scan# 706

Delta R.T. -0.006 min

Lab File: VW021426.D

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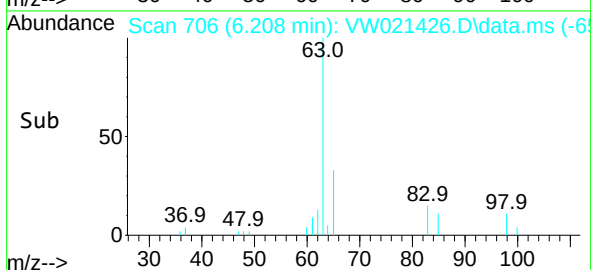
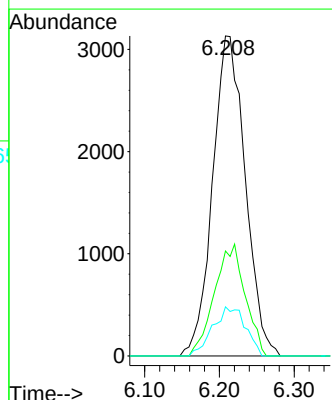
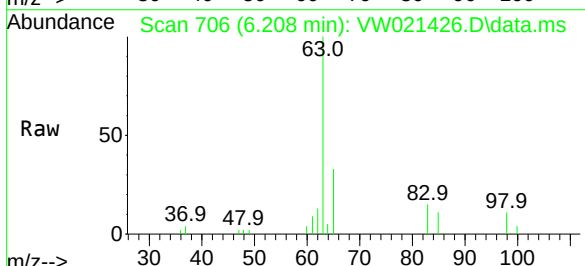
Tgt Ion: 63 Resp: 9498

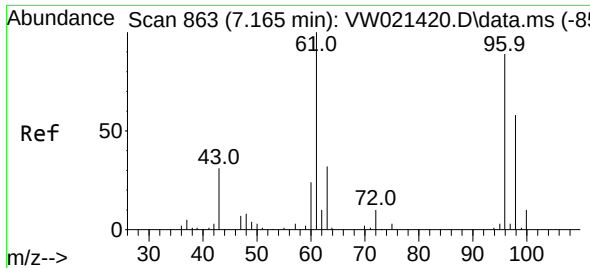
Ion Ratio Lower Upper

63 100

65 32.8 22.1 41.1

83 15.4 9.2 17.2

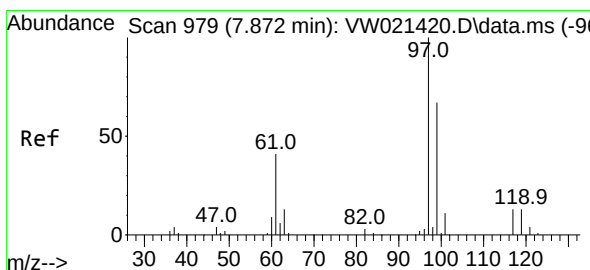
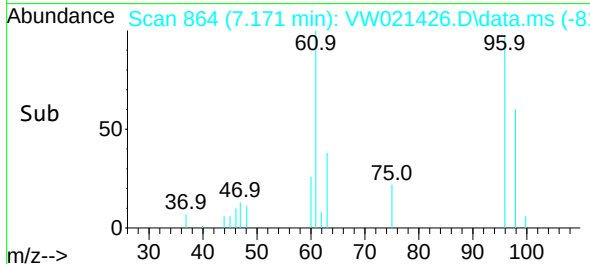
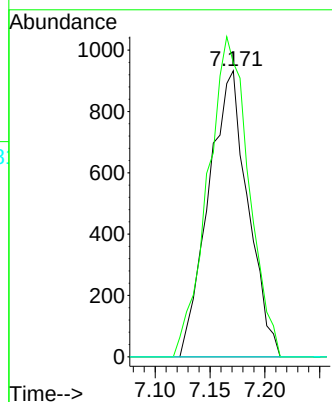
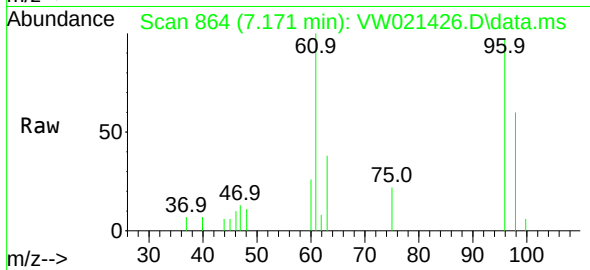




#20
 cis-1,2-Dichloroethene
 Concen: 2.100 ug/L
 RT: 7.171 min Scan# 864
 Delta R.T. 0.000 min
 Lab File: VW021426.D
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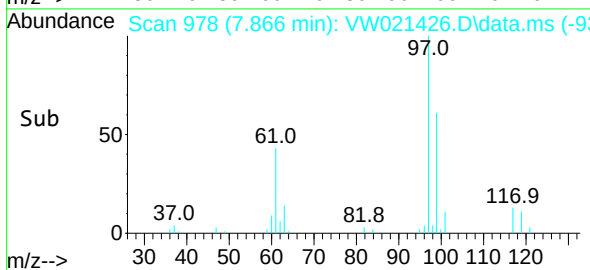
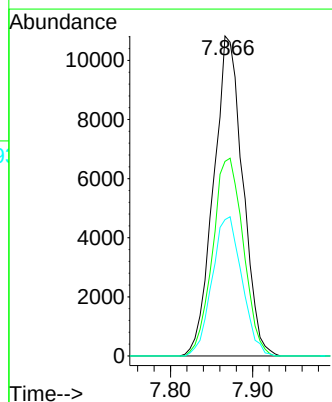
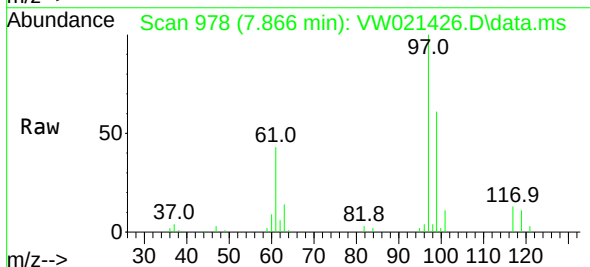
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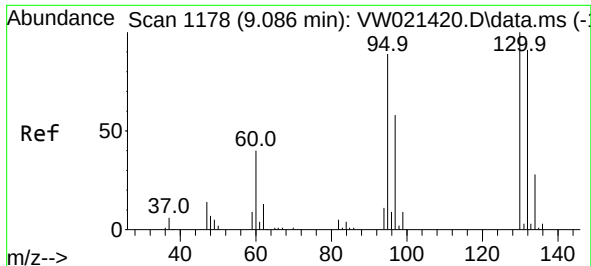
Tgt Ion: 96 Resp: 2329
 Ion Ratio Lower Upper
 96 100
 61 102.8 103.7 192.7#
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 15.114 ug/L
 RT: 7.866 min Scan# 978
 Delta R.T. -0.006 min
 Lab File: VW021426.D
 Acq: 17 Dec 2021 13:06

Tgt Ion: 97 Resp: 26694
 Ion Ratio Lower Upper
 97 100
 99 65.0 51.6 77.4
 61 44.4 40.9 61.3

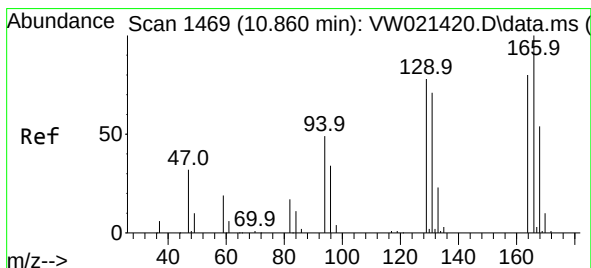
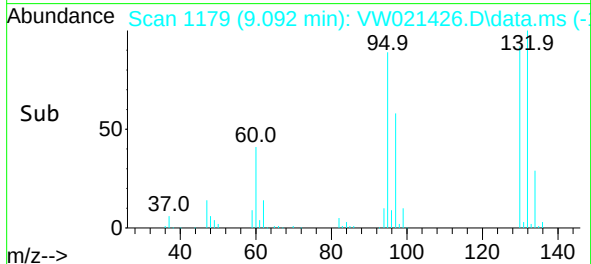
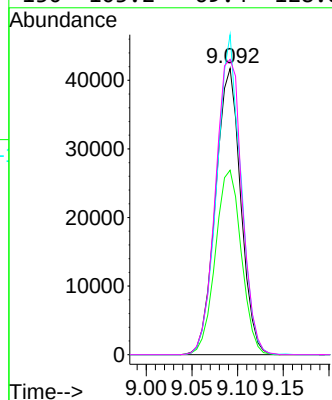
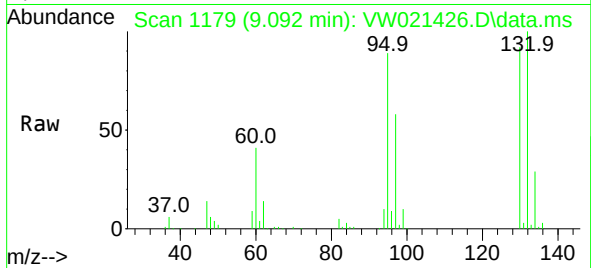




#34
 Trichloroethene
 Concen: 66.465 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VW021426.D
 Acq: 17 Dec 2021 13:06

Instrument :
 MSVOA_W
 ClientSampleId :
 BGL45

Tgt Ion: 95 Resp: 80009
 Ion Ratio Lower Upper
 95 100
 97 64.4 47.0 87.2
 132 111.8 65.5 121.6
 130 103.2 69.4 128.8



#46
 Tetrachloroethene
 Concen: 425.115 ug/L
 RT: 10.860 min Scan# 1469
 Delta R.T. 0.000 min
 Lab File: VW021426.D
 Acq: 17 Dec 2021 13:06

Tgt Ion: 164 Resp: 486134
 Ion Ratio Lower Upper
 164 100
 129 86.3 65.5 121.7
 131 83.7 59.7 110.9
 166 129.5 88.7 164.7

