

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122221\
 Data File : VW021597.D
 Acq On : 23 Dec 2021 05:42
 Operator : SY/VA
 Sample : M5214-06
 Misc : 6.55g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLF3

Quant Time: Dec 23 06:05:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Thu Dec 23 02:55:43 2021
 Response via : Initial Calibration

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

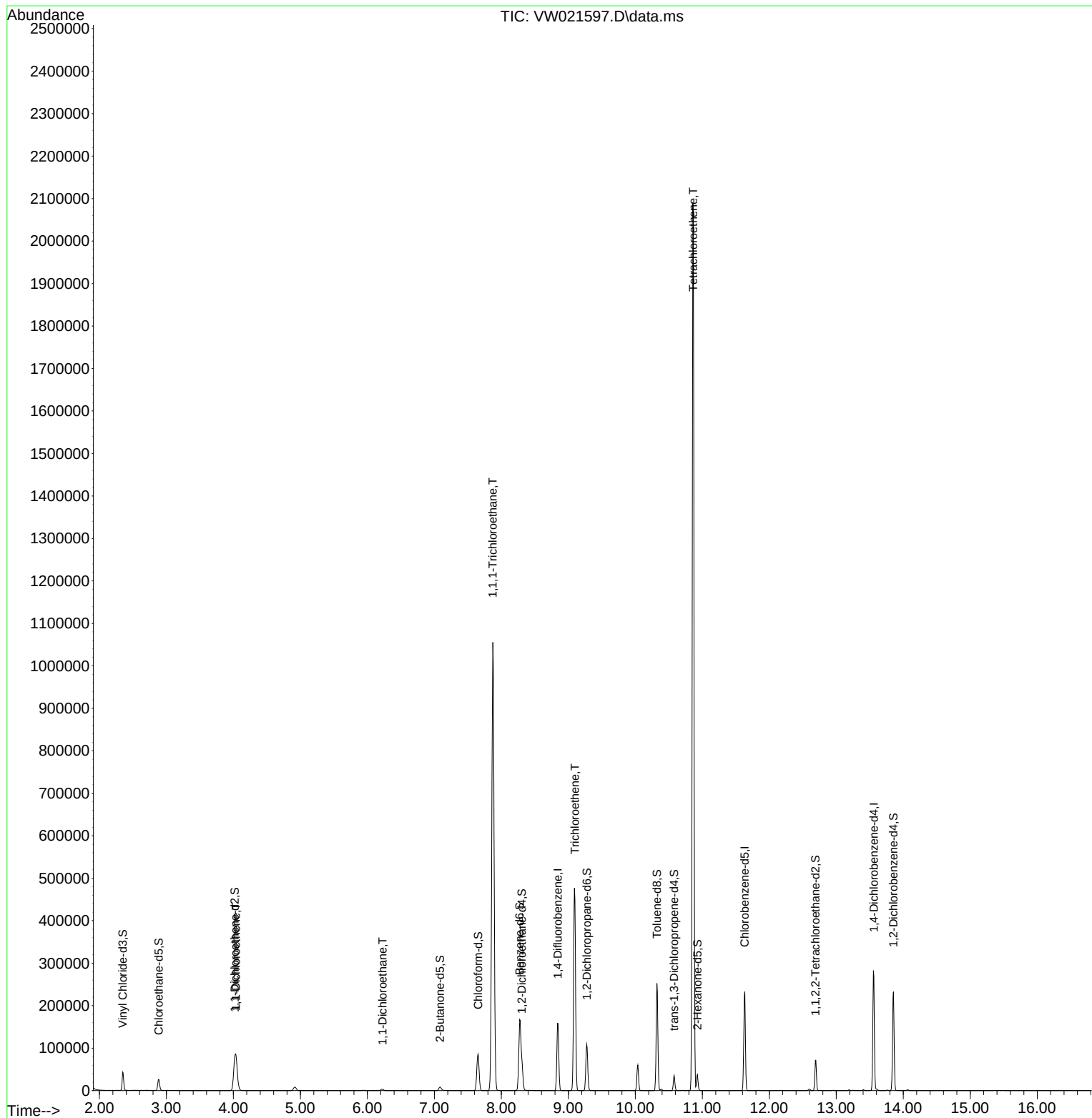
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	138033	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	132956	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	76386	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	40652	16.171	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.680%
7) Chloroethane-d5	2.885	69	29359	17.666	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.680%
11) 1,1-Dichloroethene-d2	4.019	63	69429	20.715	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.880%
21) 2-Butanone-d5	7.086	46	14723	41.547	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.100%
24) Chloroform-d	7.653	84	86494	22.485	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.960%
26) 1,2-Dichloroethane-d4	8.305	65	46369	22.661	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	90.640%
32) Benzene-d6	8.275	84	170860	23.445	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.760%
36) 1,2-Dichloropropane-d6	9.274	67	47254	24.177	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.720%
41) Toluene-d8	10.323	98	166588	22.372	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.480%
43) trans-1,3-Dichloroprop...	10.579	79	18561	20.625	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.480%
47) 2-Hexanone-d5	10.927	63	12577	43.516	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.040%
56) 1,1,2,2-Tetrachloroeth...	12.689	84	33654	20.030	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.120%
66) 1,2-Dichlorobenzene-d4	13.853	152	60740	20.518	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	82.080%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.038	96	32350	18.907	ug/L	78
19) 1,1-Dichloroethane	6.226	63	5124	1.763	ug/L	# 93
30) 1,1,1-Trichloroethane	7.872	97	843334	282.699	ug/L	93
34) Trichloroethene	9.098	95	158297	77.858	ug/L	95
46) Tetrachloroethene	10.866	164	461840	239.119	ug/L	91

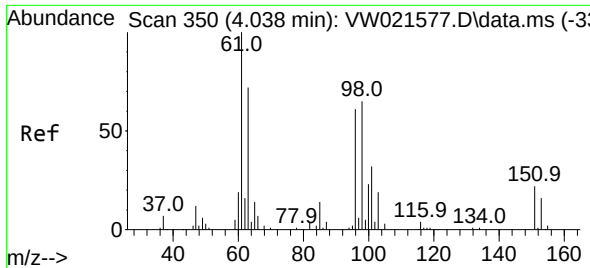
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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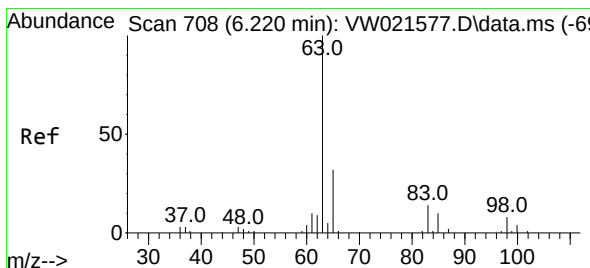
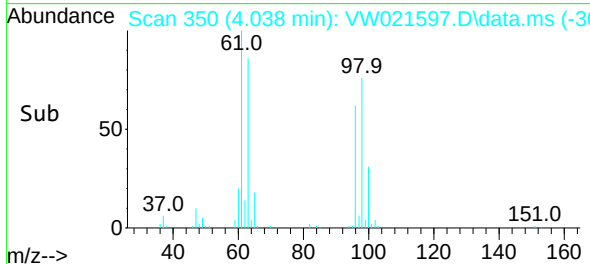
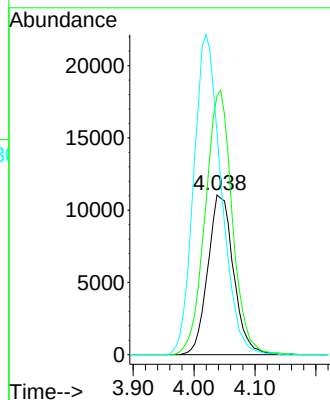
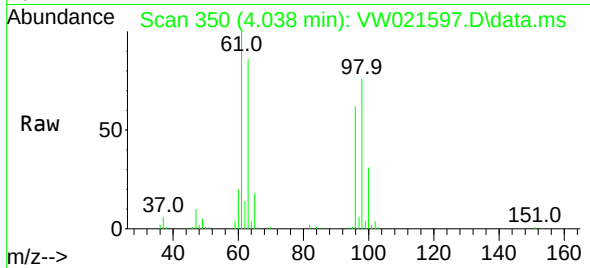




#12
 1,1-Dichloroethene
 Concen: 18.907 ug/L
 RT: 4.038 min Scan# 350
 Delta R.T. 0.000 min
 Lab File: VW021597.D
 Acq: 23 Dec 2021 05:42

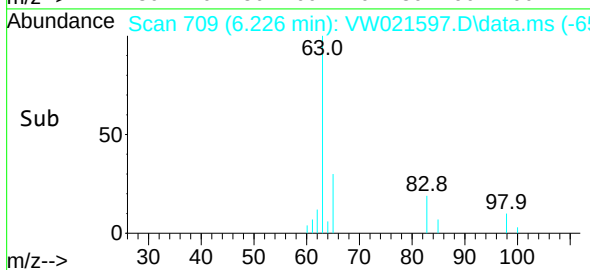
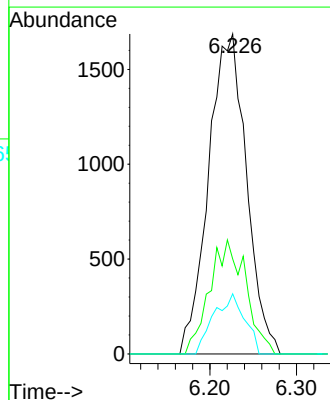
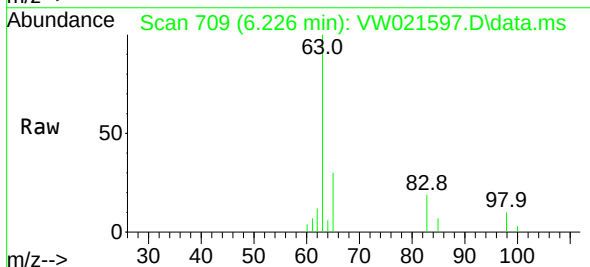
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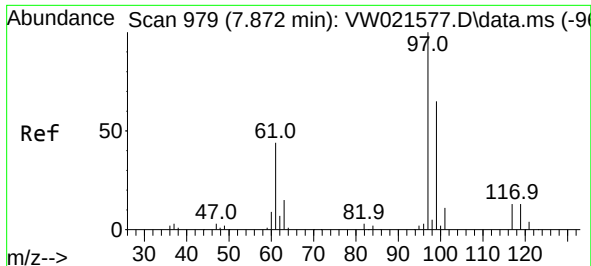
Tgt Ion: 96 Resp: 32350
 Ion Ratio Lower Upper
 96 100
 61 162.1 138.3 256.9
 63 139.3 82.6 153.4



#19
 1,1-Dichloroethane
 Concen: 1.763 ug/L
 RT: 6.226 min Scan# 709
 Delta R.T. 0.006 min
 Lab File: VW021597.D
 Acq: 23 Dec 2021 05:42

Tgt Ion: 63 Resp: 5124
 Ion Ratio Lower Upper
 63 100
 65 29.7 22.1 41.1
 83 18.8 9.2 17.2#

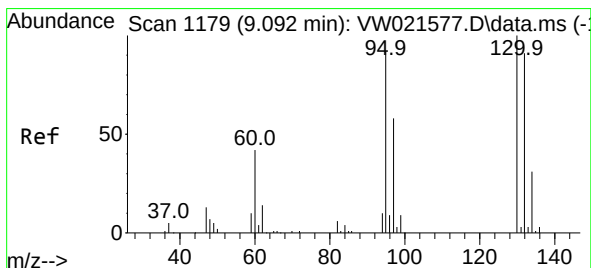
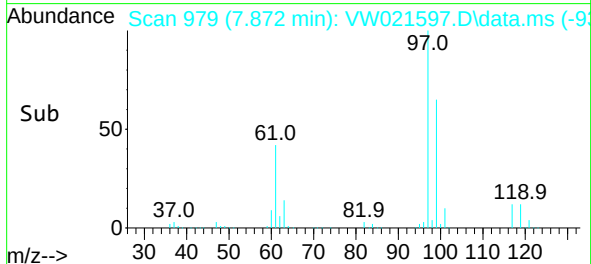
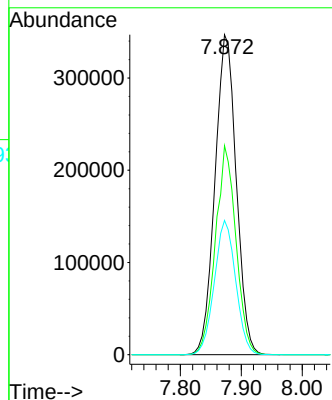
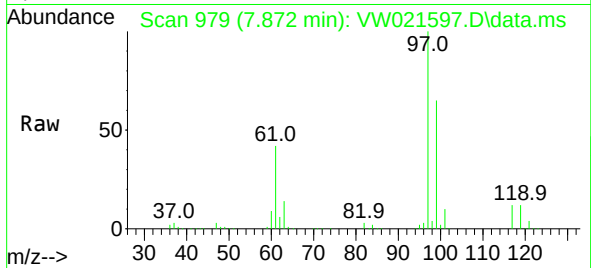




#30
1,1,1-Trichloroethane
Concen: 282.699 ug/L
RT: 7.872 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW021597.D
Acq: 23 Dec 2021 05:42

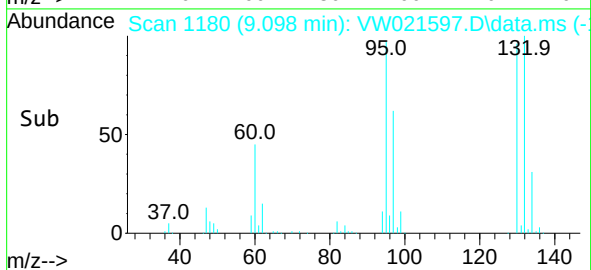
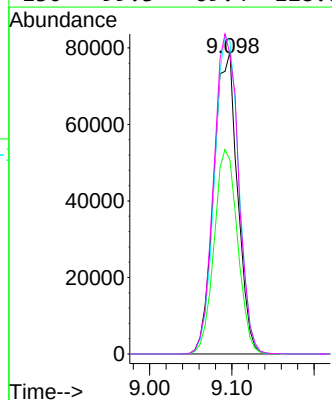
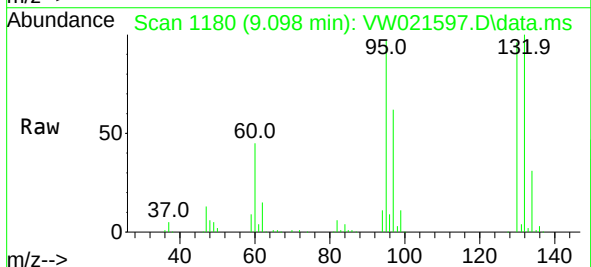
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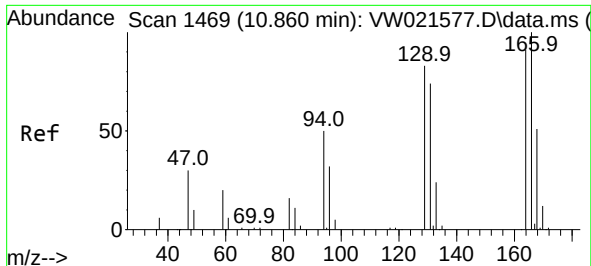
Tgt Ion: 97 Resp: 843334
Ion Ratio Lower Upper
97 100
99 63.0 51.6 77.4
61 42.0 40.9 61.3



#34
Trichloroethene
Concen: 77.858 ug/L
RT: 9.098 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VW021597.D
Acq: 23 Dec 2021 05:42

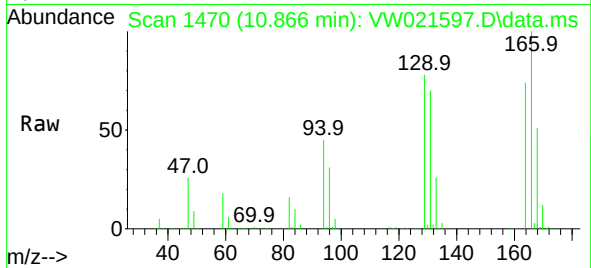
Tgt Ion: 95 Resp: 158297
Ion Ratio Lower Upper
95 100
97 64.2 47.0 87.2
132 103.4 65.5 121.6
130 99.3 69.4 128.8





#46
 Tetrachloroethene
 Concen: 239.119 ug/L
 RT: 10.866 min Scan# 14
 Delta R.T. 0.006 min
 Lab File: VW021597.D
 Acq: 23 Dec 2021 05:42

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLF3



Tgt Ion:164 Resp: 461840

Ion	Ratio	Lower	Upper
164	100		
129	104.4	65.5	121.7
131	93.7	59.7	110.9
166	134.4	88.7	164.7

