

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW122521\
 Data File : VW021652.D
 Acq On : 25 Dec 2021 17:45
 Operator : SY/VA
 Sample : M5213-15
 Misc : 6.32g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGLE7

Quant Time: Dec 27 00:42:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 24 01:43:02 2021
 Response via : Initial Calibration

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

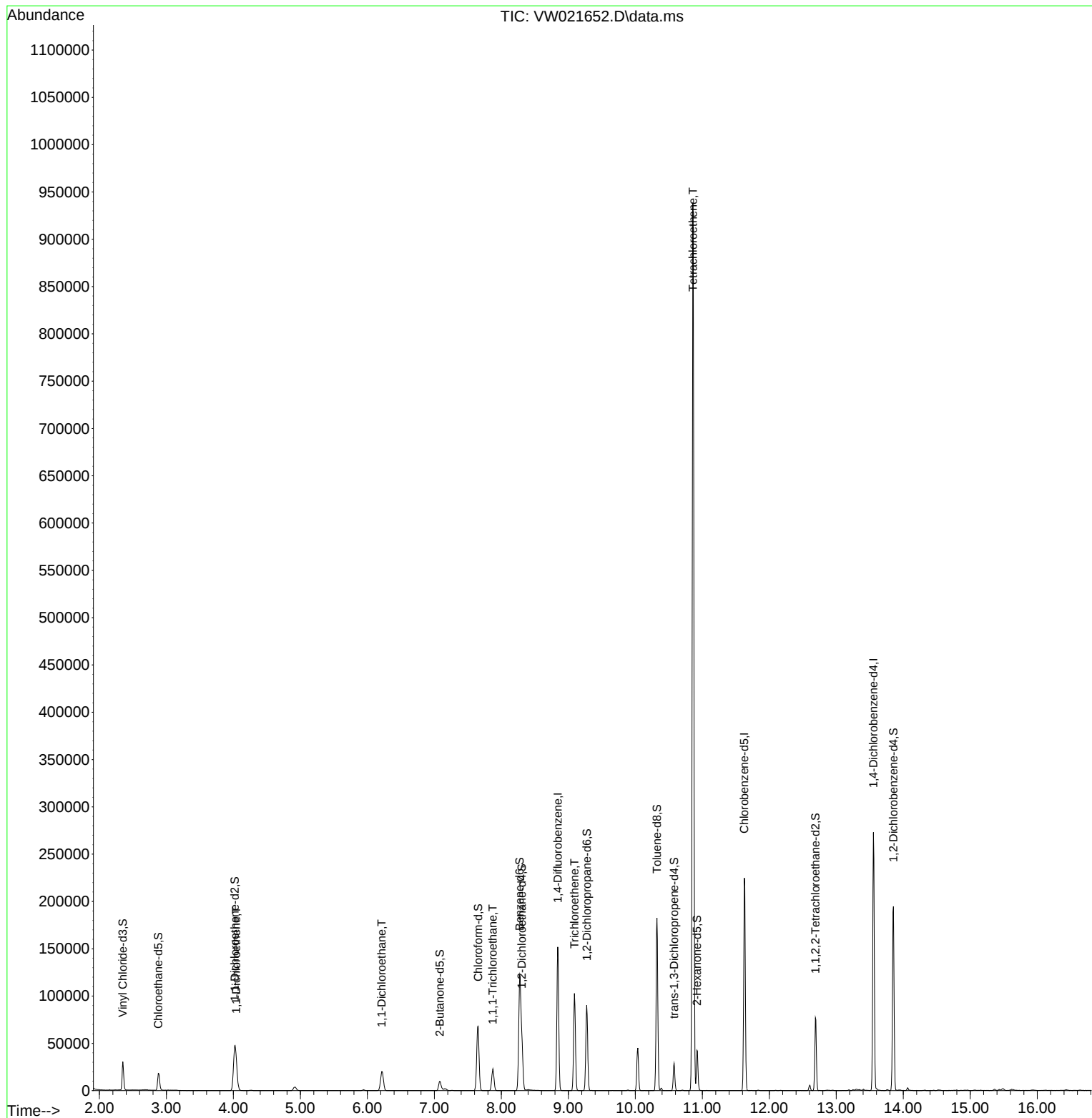
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	127011	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.628	117	128722	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	72239	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	28462	12.304	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	49.200%
7) Chloroethane-d5	2.879	69	21438	14.019	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	56.080%
11) 1,1-Dichloroethene-d2	4.019	63	41612	13.493	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	53.960%
21) 2-Butanone-d5	7.080	46	17301	53.059	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.120%
24) Chloroform-d	7.653	84	69731	19.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	78.800%
26) 1,2-Dichloroethane-d4	8.305	65	39169	20.804	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	83.200%
32) Benzene-d6	8.275	84	124658	17.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	70.680%
36) 1,2-Dichloropropane-d6	9.274	67	37768	19.959	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.840%
41) Toluene-d8	10.323	98	119314	16.550	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.200%
43) trans-1,3-Dichloroprop...	10.579	79	15247	17.500	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	70.000%
47) 2-Hexanone-d5	10.921	63	14155	50.587	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	101.180%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	35173	21.623	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	86.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	52540	18.767	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.080%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.044	96	11072	7.033	ug/L	# 72
19) 1,1-Dichloroethane	6.214	63	28462	10.640	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	17533	6.071	ug/L	95
34) Trichloroethene	9.092	95	32218	16.367	ug/L	85
46) Tetrachloroethene	10.860	164	211649	113.186	ug/L	97

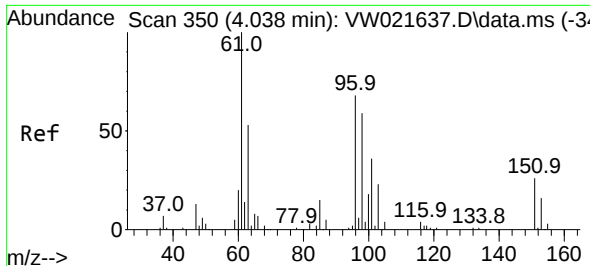
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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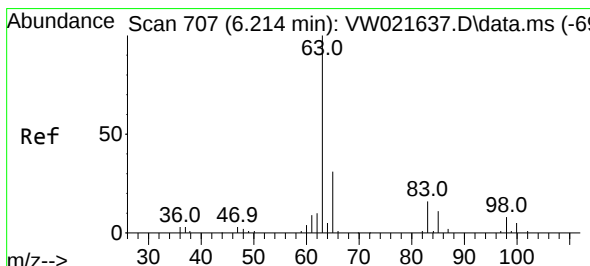
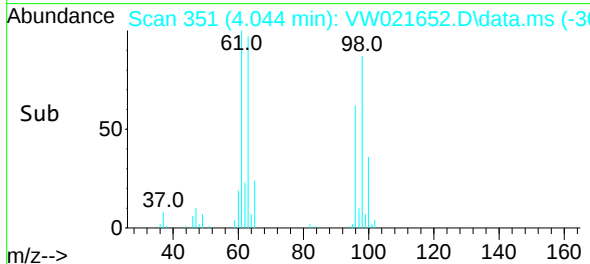
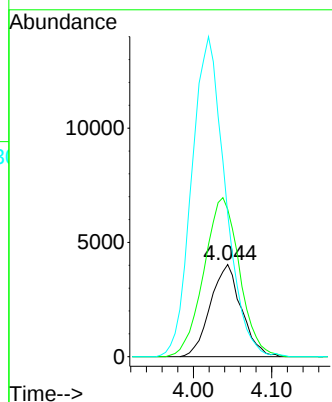
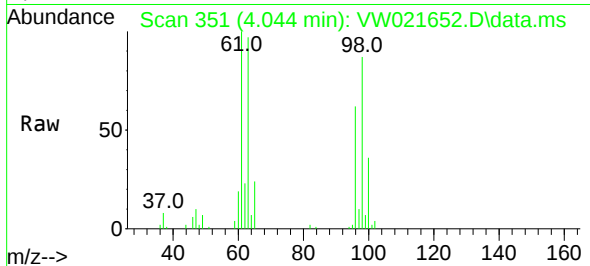




#12
 1,1-Dichloroethene
 Concen: 7.033 ug/L
 RT: 4.044 min Scan# 351
 Delta R.T. 0.006 min
 Lab File: VW021652.D
 Acq: 25 Dec 2021 17:45

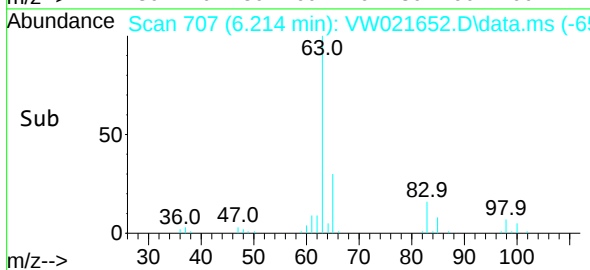
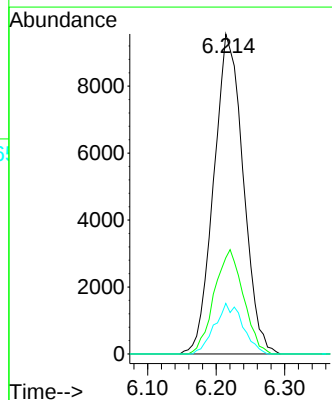
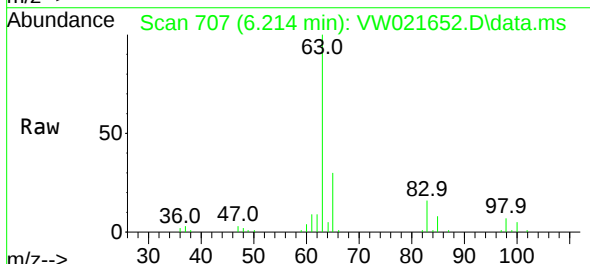
Instrument :
 MSVOA_W
 ClientSampleId :
 BGLE7

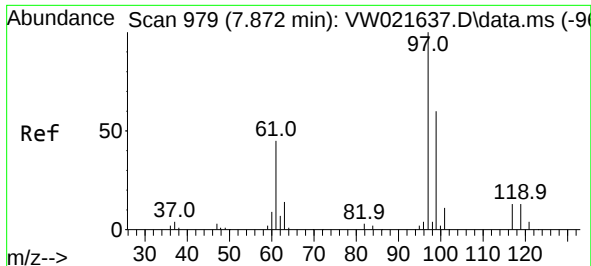
Tgt Ion: 96 Resp: 11072
 Ion Ratio Lower Upper
 96 100
 61 160.0 138.3 256.9
 63 154.9 82.6 153.4#



#19
 1,1-Dichloroethane
 Concen: 10.640 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. -0.006 min
 Lab File: VW021652.D
 Acq: 25 Dec 2021 17:45

Tgt Ion: 63 Resp: 28462
 Ion Ratio Lower Upper
 63 100
 65 30.0 22.1 41.1
 83 15.8 9.2 17.2





#30

1,1,1-Trichloroethane

Concen: 6.071 ug/L

RT: 7.872 min Scan# 91

Delta R.T. 0.000 min

Lab File: VW021652.D

Acq: 25 Dec 2021 17:45

Instrument :

MSVOA_W

ClientSampleId :

BGLE7

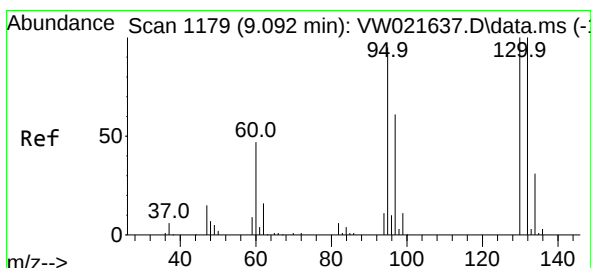
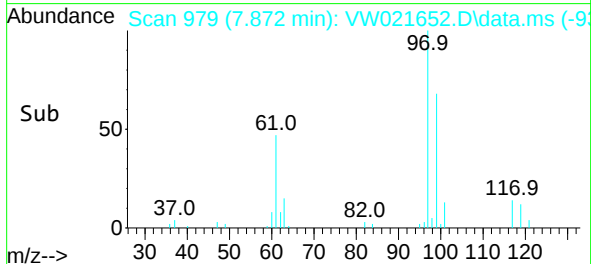
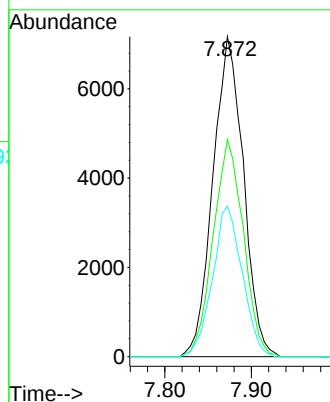
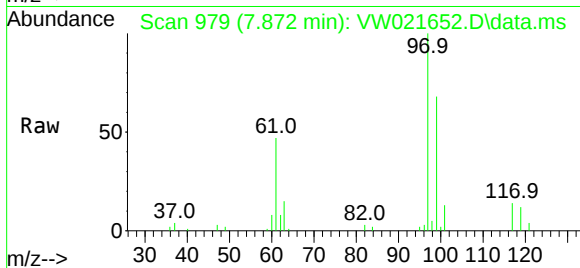
Tgt Ion: 97 Resp: 17533

Ion Ratio Lower Upper

97 100

99 67.2 51.6 77.4

61 45.9 40.9 61.3



#34

Trichloroethene

Concen: 16.367 ug/L

RT: 9.092 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VW021652.D

Acq: 25 Dec 2021 17:45

Tgt Ion: 95 Resp: 32218

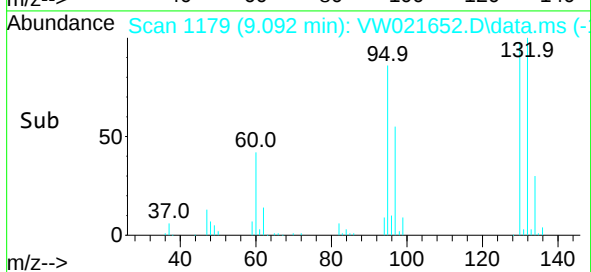
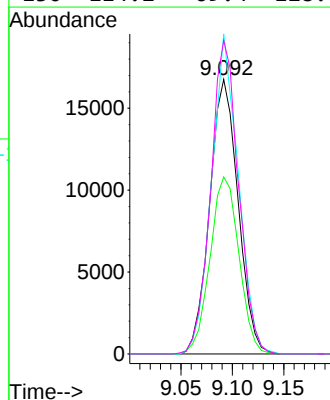
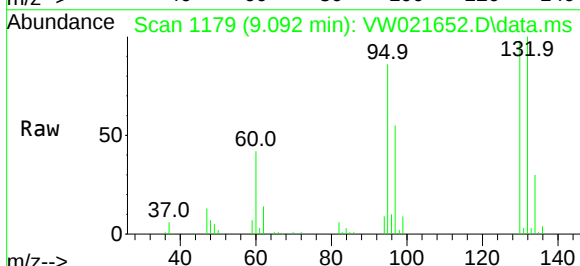
Ion Ratio Lower Upper

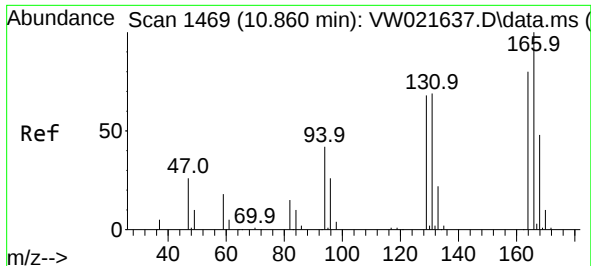
95 100

97 64.5 47.0 87.2

132 116.6 65.5 121.6

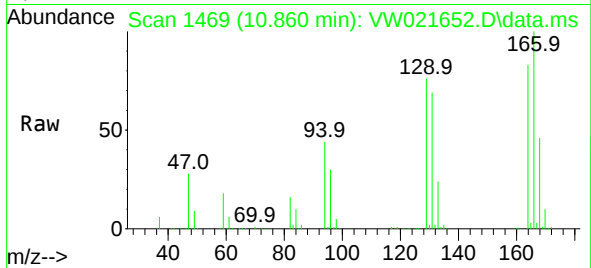
130 114.2 69.4 128.8





#46
Tetrachloroethene
Concen: 113.186 ug/L
RT: 10.860 min Scan# 14
Delta R.T. 0.000 min
Lab File: VW021652.D
Acq: 25 Dec 2021 17:45

Instrument :
MSVOA_W
ClientSampleId :
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Tgt	Ion:164	Resp:	211649
Ion	Ratio	Lower	Upper
164	100		
129	91.1	65.5	121.7
131	83.7	59.7	110.9
166	120.6	88.7	164.7

