

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW121021\
 Data File : VW021307.D
 Acq On : 11 Dec 2021 02:01
 Operator : SY/VA
 Sample : M5023-06
 Misc : 6.29g/10.0mL/MSVOA_W/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKY2

Quant Time: Dec 11 03:28:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM120921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Dec 10 23:12:45 2021
 Response via : Initial Calibration

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

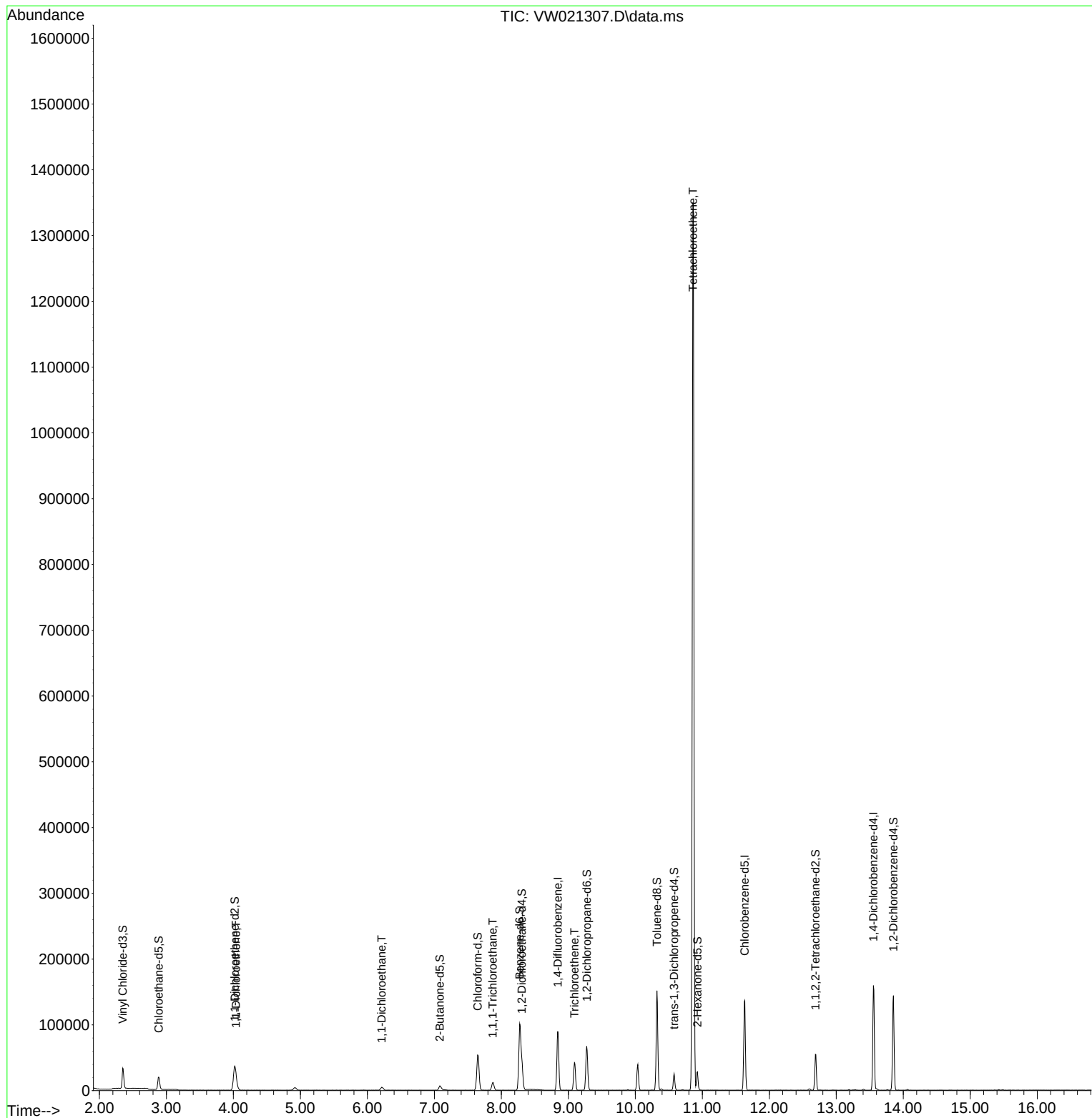
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	76043	25.000	ug/L	# 0.00
28) Chlorobenzene-d5	11.634	117	78713	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	42682	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.349	65	29528	21.321	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.280%
7) Chloroethane-d5	2.885	69	22041	24.074	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.280%
11) 1,1-Dichloroethene-d2	4.019	63	32611	17.662	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.640%
21) 2-Butanone-d5	7.080	46	11095	56.833	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.660%
24) Chloroform-d	7.647	84	54464	25.701	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.800%
26) 1,2-Dichloroethane-d4	8.305	65	28481	25.266	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.080%
32) Benzene-d6	8.275	84	100715	23.343	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	9.274	67	28381	24.528	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.120%
41) Toluene-d8	10.323	98	97085	22.023	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.080%
43) trans-1,3-Dichloroprop...	10.579	79	12815	24.053	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	96.200%
47) 2-Hexanone-d5	10.927	63	9523	55.656	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	25621	25.758	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	103.040%
66) 1,2-Dichlorobenzene-d4	13.853	152	37961	22.949	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.800%
Target Compounds						Qvalue
12) 1,1-Dichloroethene	4.038	96	4543	4.820	ug/L	# 4
19) 1,1-Dichloroethane	6.214	63	5980	3.734	ug/L	96
30) 1,1,1-Trichloroethane	7.872	97	9262	5.244	ug/L	95
34) Trichloroethene	9.092	95	13415	11.145	ug/L	96
46) Tetrachloroethene	10.860	164	297162	259.882	ug/L	93

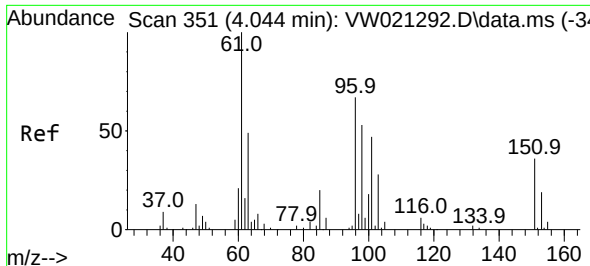
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
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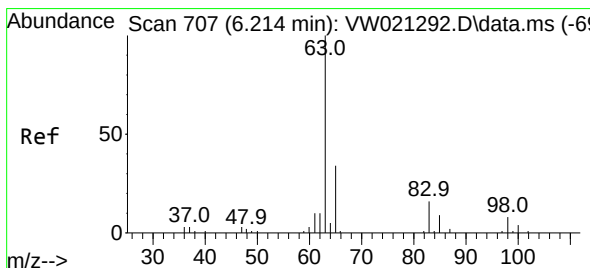
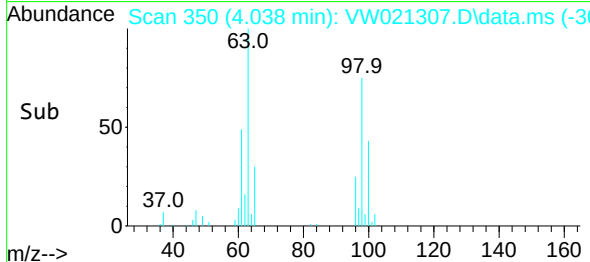
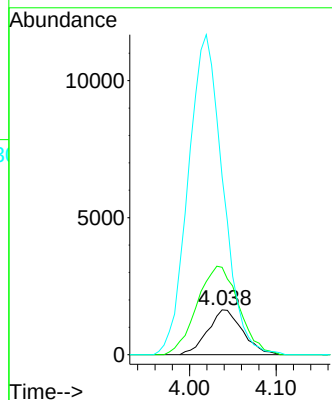
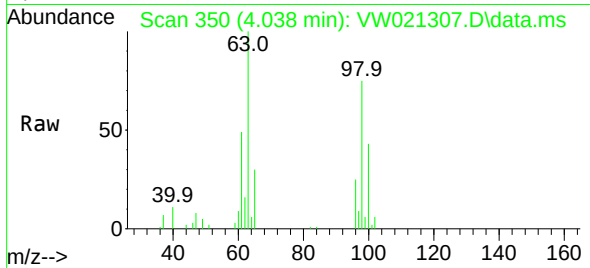




#12
 1,1-Dichloroethene
 Concen: 4.820 ug/L
 RT: 4.038 min Scan# 351
 Delta R.T. -0.006 min
 Lab File: VW021307.D
 Acq: 11 Dec 2021 02:01

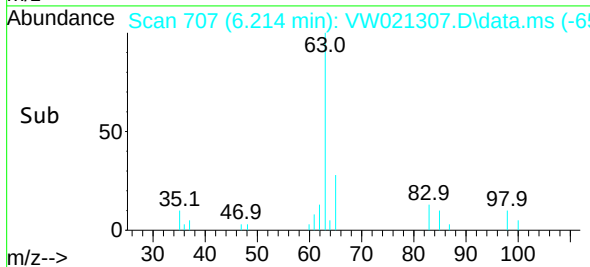
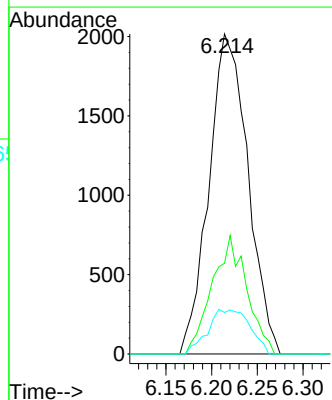
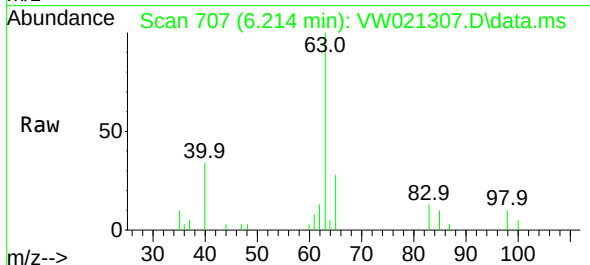
Instrument :
 MSVOA_W
 ClientSampleId :
 BGKY2

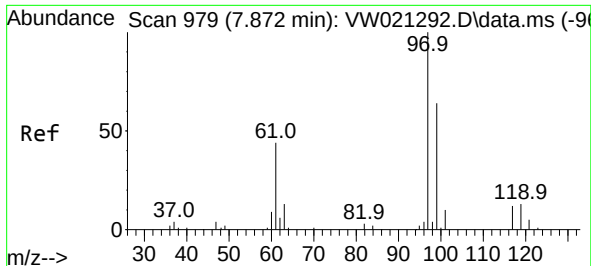
Tgt Ion: 96 Resp: 4543
 Ion Ratio Lower Upper
 96 100
 61 195.1 138.3 256.9
 63 397.4 82.6 153.4#



#19
 1,1-Dichloroethane
 Concen: 3.734 ug/L
 RT: 6.214 min Scan# 707
 Delta R.T. -0.000 min
 Lab File: VW021307.D
 Acq: 11 Dec 2021 02:01

Tgt Ion: 63 Resp: 5980
 Ion Ratio Lower Upper
 63 100
 65 28.4 22.1 41.1
 83 13.0 9.2 17.2

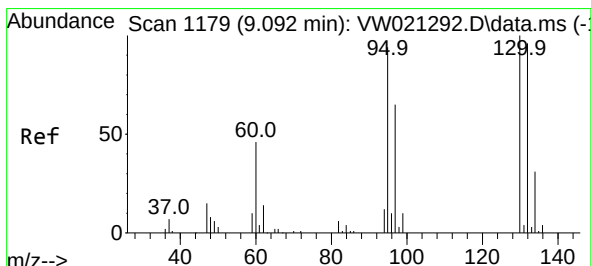
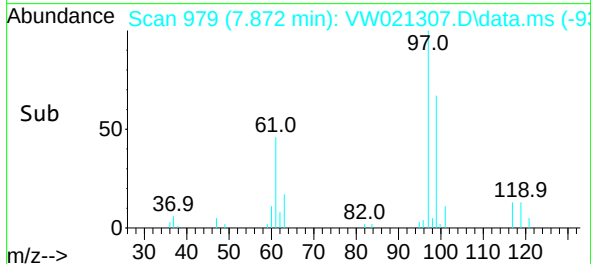
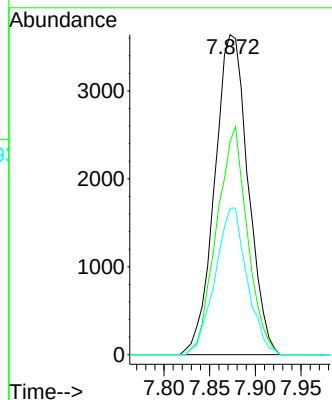
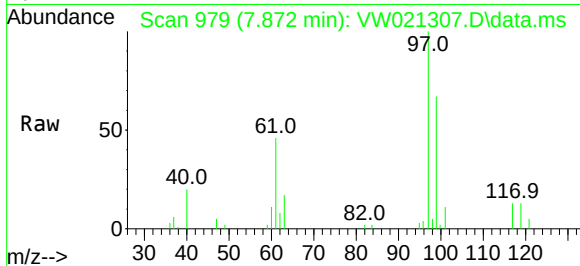




#30
1,1,1-Trichloroethane
Concen: 5.244 ug/L
RT: 7.872 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

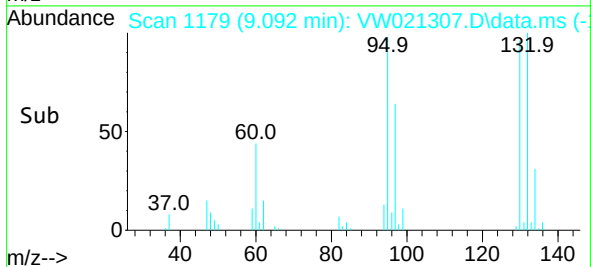
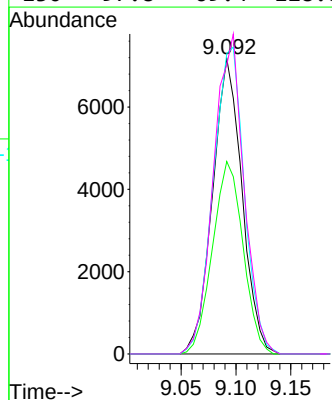
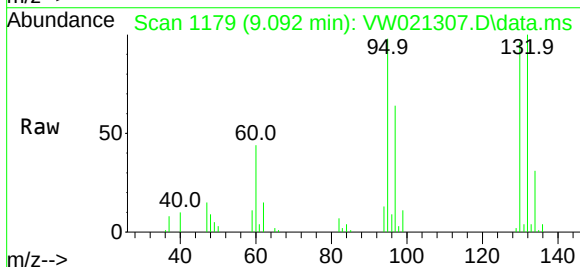
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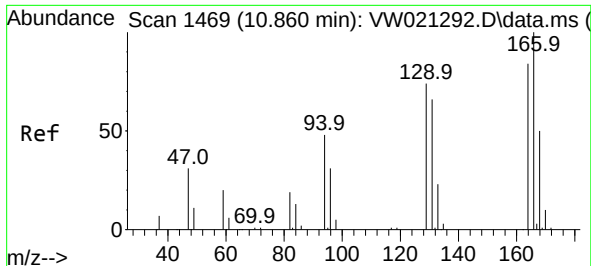
Tgt Ion:	97	Resp:	9262
Ion	Ratio	Lower	Upper
97	100		
99	65.7	51.6	77.4
61	43.9	40.9	61.3



#34
Trichloroethene
Concen: 11.145 ug/L
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW021307.D
Acq: 11 Dec 2021 02:01

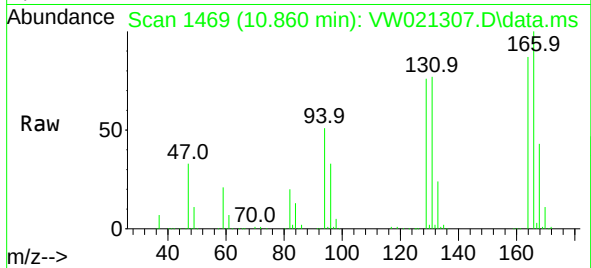
Tgt Ion:	95	Resp:	13415
Ion	Ratio	Lower	Upper
95	100		
97	65.1	47.0	87.2
132	101.6	65.5	121.6
130	97.8	69.4	128.8





#46
 Tetrachloroethene
 Concen: 259.882 ug/L
 RT: 10.860 min Scan# 14
 Delta R.T. -0.000 min
 Lab File: VW021307.D
 Acq: 11 Dec 2021 02:01

Instrument :
 MSVOA_W
 ClientSampleId :
 BGKY2



Tgt Ion:164 Resp: 297162

Ion	Ratio	Lower	Upper
164	100		
129	86.6	65.5	121.7
131	88.0	59.7	110.9
166	114.6	88.7	164.7

