

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023750.D
 Acq On : 15 Jul 2022 17:21
 Operator : SY/VA
 Sample : N3658-10
 Misc : 6.30g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG5

Quant Time: Jul 15 22:17:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Jul 15 22:15:34 2022
 Response via : Initial Calibration

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

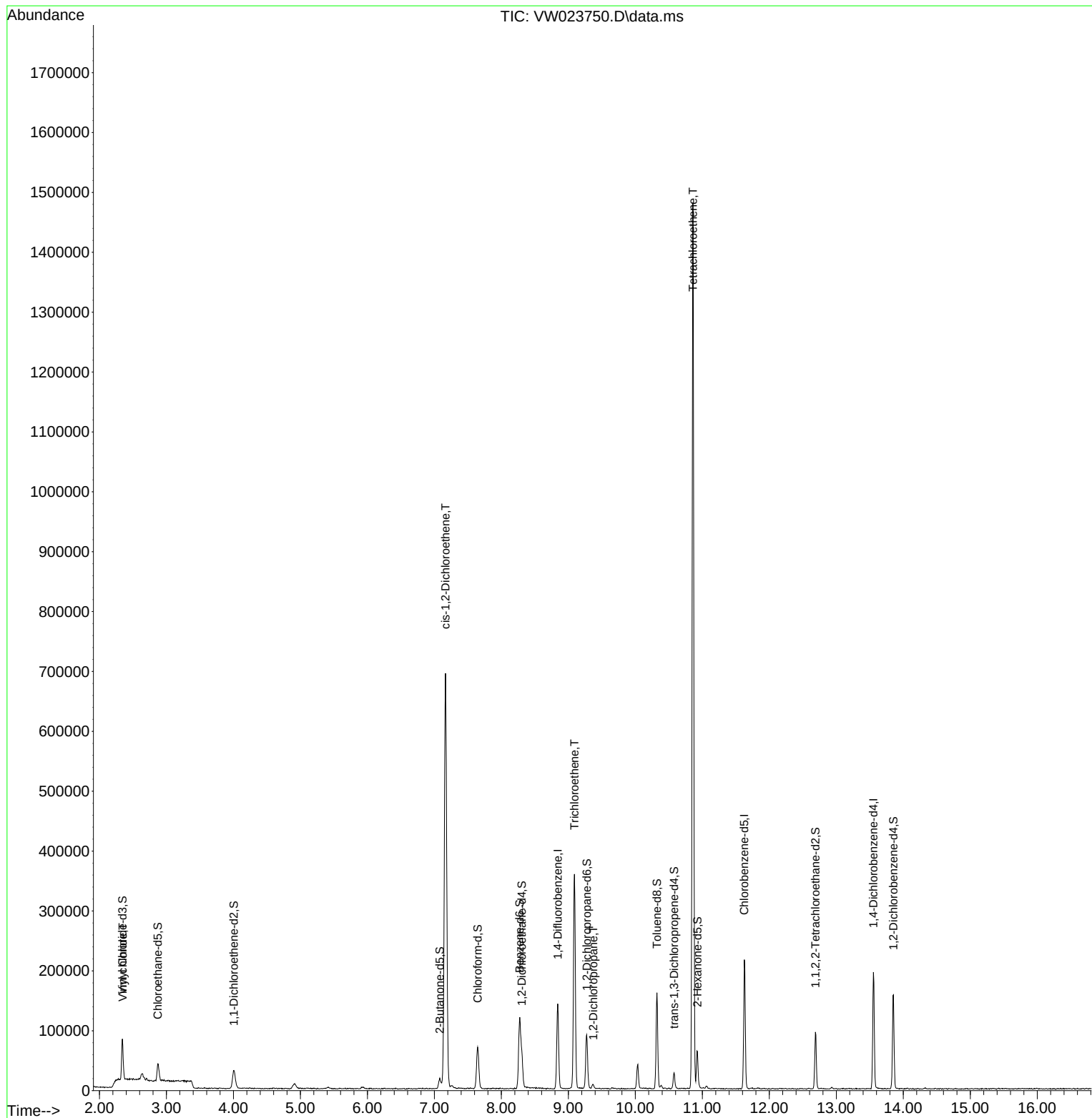
Internal Standards						
1) 1,4-Difluorobenzene	8.841	114	109301	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	107794	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.554	152	45021	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	52648	18.859	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	75.440%
7) Chloroethane-d5	2.873	69	32364	17.378	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	69.520%
11) 1,1-Dichloroethene-d2	4.007	63	27586	12.135	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	48.560%
21) 2-Butanone-d5	7.080	46	25460	58.797	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	117.600%
24) Chloroform-d	7.647	84	65782	20.671	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	82.680%
26) 1,2-Dichloroethane-d4	8.305	65	39522	20.306	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	81.240%
32) Benzene-d6	8.274	84	113402	20.238	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.960%
36) 1,2-Dichloropropane-d6	9.274	67	37520	22.229	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.920%
41) Toluene-d8	10.323	98	96902	17.049	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	68.200%
43) trans-1,3-Dichloroprop...	10.579	79	13200	16.684	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	66.720%
47) 2-Hexanone-d5	10.926	63	19338	54.485	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	42007	22.520	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	90.080%
66) 1,2-Dichlorobenzene-d4	13.853	152	37005	23.025	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.120%
Target Compounds						
					Qvalue	
5) Vinyl chloride	2.349	62	11606	3.716	ug/L #	55
20) cis-1,2-Dichloroethene	7.165	96	373262	239.672	ug/L #	99
34) Trichloroethene	9.091	95	110643	68.400	ug/L	92
37) 1,2-Dichloropropane	9.372	63	2310	1.504	ug/L #	91
46) Tetrachloroethene	10.859	164	277094	221.540	ug/L	96

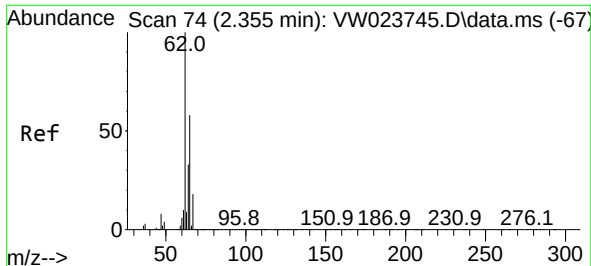
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 15 22:15:34 2022
Response via : Initial Calibration

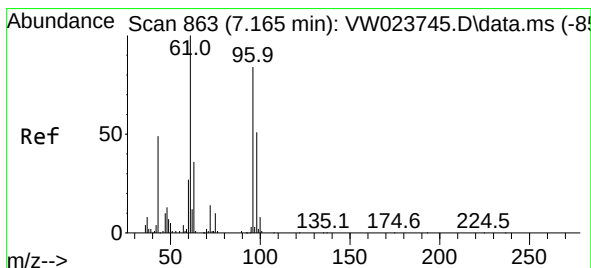
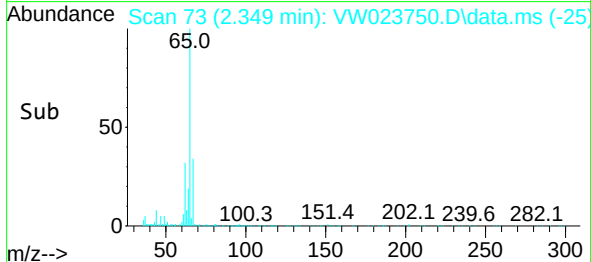
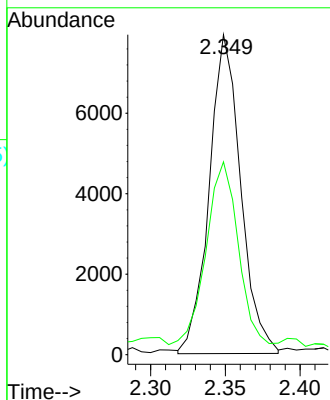
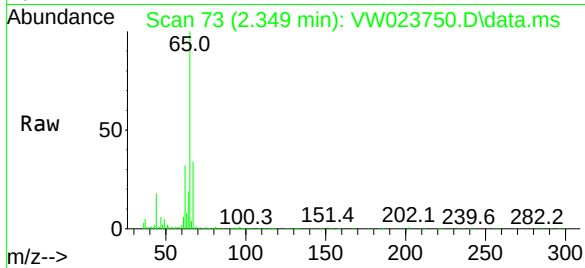




#5
 Vinyl chloride
 Concen: 3.716 ug/L
 RT: 2.349 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: VW023750.D
 Acq: 15 Jul 2022 17:21

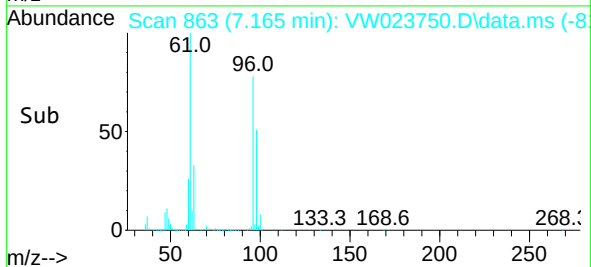
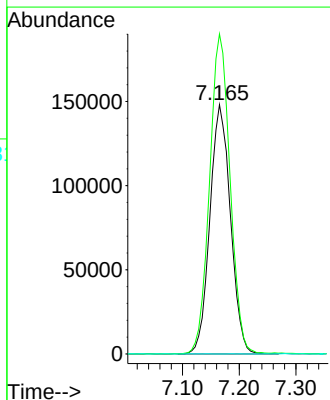
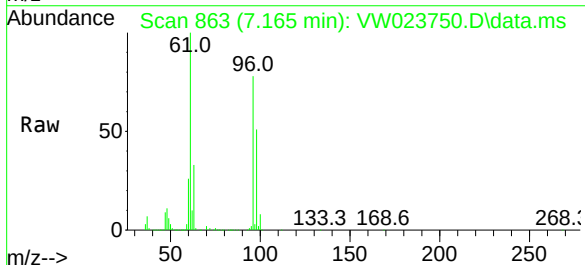
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG5

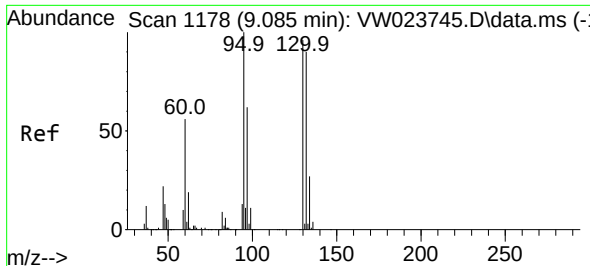
Tgt Ion: 62 Resp: 11606
 Ion Ratio Lower Upper
 62 100
 64 60.2 24.0 44.6#



#20
 cis-1,2-Dichloroethene
 Concen: 239.672 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023750.D
 Acq: 15 Jul 2022 17:21

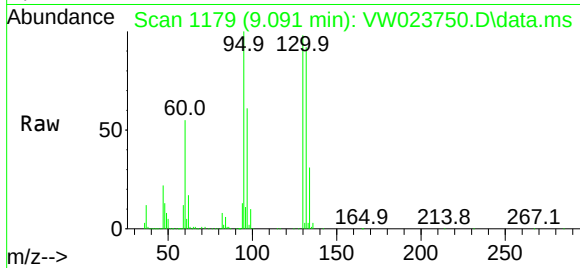
Tgt Ion: 96 Resp: 373262
 Ion Ratio Lower Upper
 96 100
 61 128.3 90.6 168.2
 68 0.0 0.2 0.4#



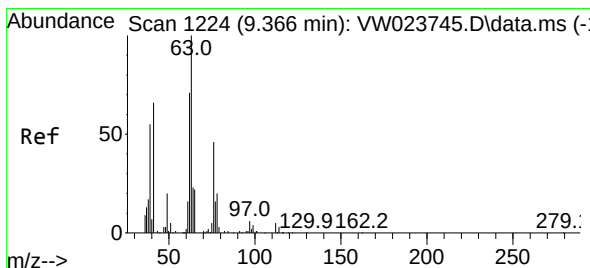
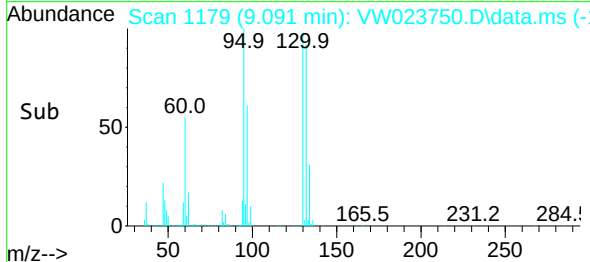
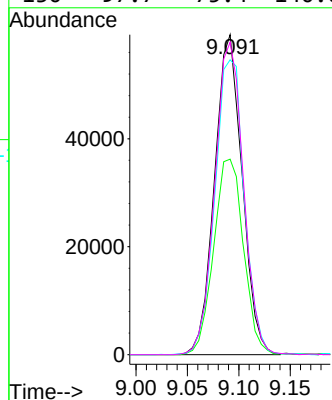


#34
Trichloroethene
Concen: 68.400 ug/L
RT: 9.091 min Scan# 1179
Delta R.T. 0.006 min
Lab File: VW023750.D
Acq: 15 Jul 2022 17:21

Instrument :
MSVOA_W
ClientSampleId :
C0AG5

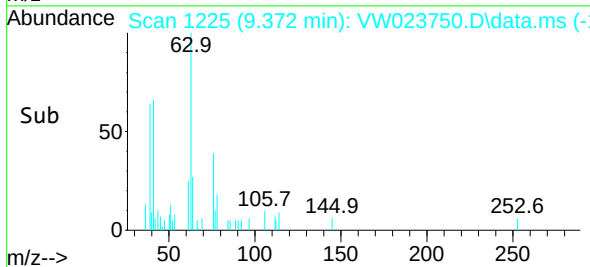
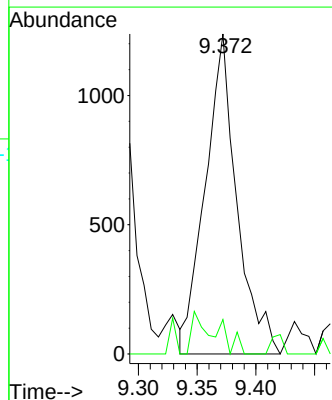
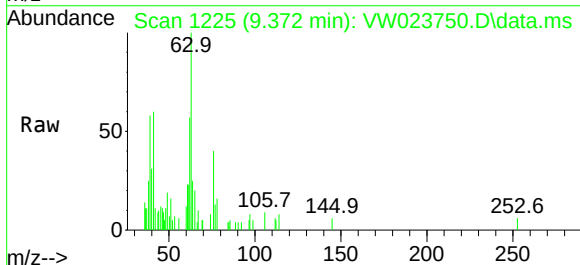


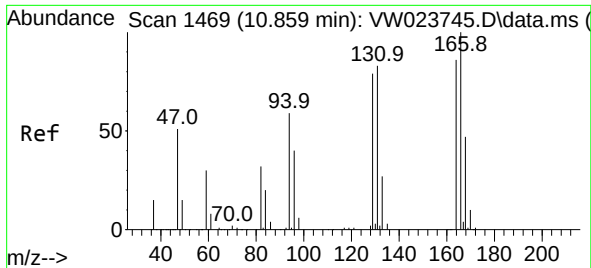
Tgt Ion: 95 Resp: 110643
Ion Ratio Lower Upper
95 100
97 61.1 45.6 84.8
132 92.1 69.9 129.7
130 97.7 75.4 140.0



#37
1,2-Dichloropropane
Concen: 1.504 ug/L
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW023750.D
Acq: 15 Jul 2022 17:21

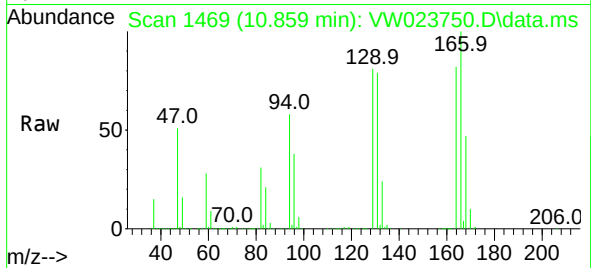
Tgt Ion: 63 Resp: 2310
Ion Ratio Lower Upper
63 100
112 2.1 4.2 6.2#





#46
 Tetrachloroethene
 Concen: 221.540 ug/L
 RT: 10.859 min Scan# 14
 Delta R.T. 0.000 min
 Lab File: VW023750.D
 Acq: 15 Jul 2022 17:21

Instrument :
 MSVOA_W
 ClientSampleId :
 C0AG5



Tgt Ion:	164	Resp:	277094
Ion	Ratio	Lower	Upper
164	100		
129	98.1	72.4	134.5
131	95.9	67.8	125.8
166	121.8	88.9	165.1

