

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW071522\
 Data File : VW023752.D
 Acq On : 15 Jul 2022 18:10
 Operator : SY/VA
 Sample : N3658-11
 Misc : 6.74g/10mL/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Jul 15 22:17:46 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)

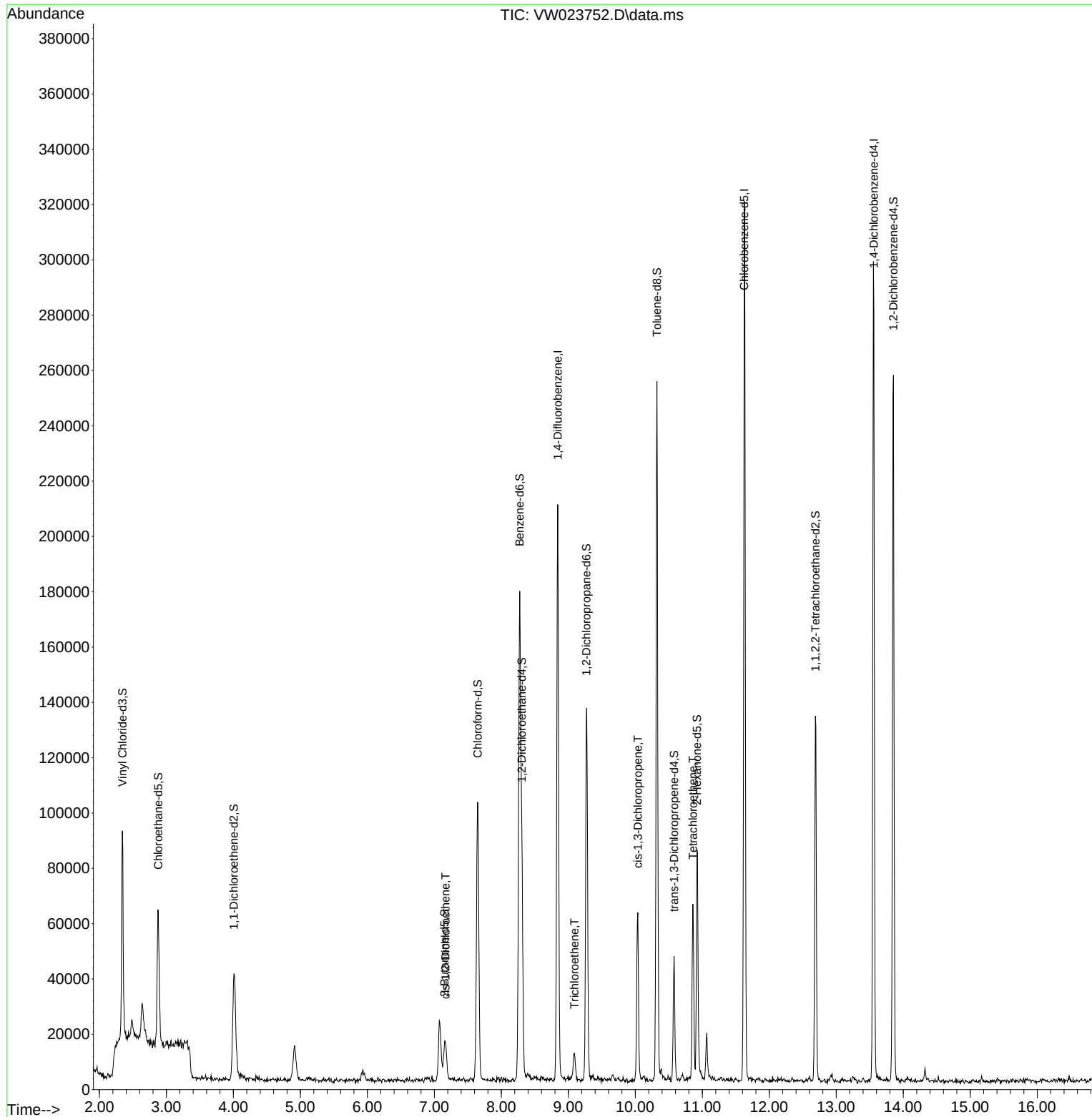
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	156069	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.628	117	156663	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	68351	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.343	65	74301	18.640	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.560%
7) Chloroethane-d5	2.879	69	57137	21.486	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	85.960%
11) 1,1-Dichloroethene-d2	4.007	63	37320	11.498	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	46.000%
21) 2-Butanone-d5	7.153	46	550	0.890	ug/L	0.07
Spiked Amount	50.000	Range	20 - 135	Recovery	=	1.780%#
24) Chloroform-d	7.647	84	94460	20.788	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	83.160%
26) 1,2-Dichloroethane-d4	8.305	65	60077	21.618	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.480%
32) Benzene-d6	8.275	84	164175	20.159	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	80.640%
36) 1,2-Dichloropropane-d6	9.268	67	55406	22.586	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	90.360%
41) Toluene-d8	10.323	98	152162	18.420	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	73.680%
43) trans-1,3-Dichloroprop...	10.579	79	20924	18.197	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	72.800%
47) 2-Hexanone-d5	10.920	63	24845	48.165	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.320%
56) 1,1,2,2-Tetrachloroeth...	12.688	84	62007	22.873	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	91.480%
66) 1,2-Dichlorobenzene-d4	13.853	152	58689	24.053	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
20) cis-1,2-Dichloroethene	7.165	96	5926	2.665	ug/L	# 88
34) Trichloroethene	9.092	95	3011	1.281	ug/L	80
39) cis-1,3-Dichloropropene	10.037	75	2157	0.641	ug/L	86
46) Tetrachloroethene	10.860	164	11662	6.415	ug/L	84

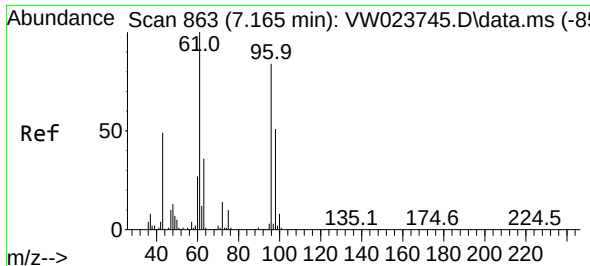
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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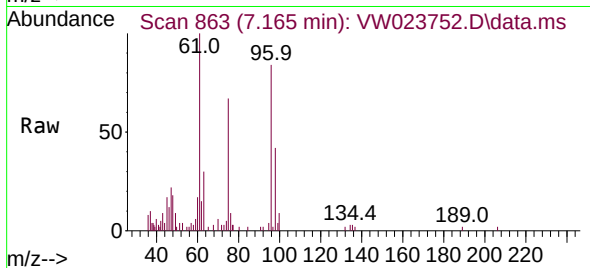
Quant Time: Jul 15 22:17:46 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM071322SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Jul 15 22:15:34 2022
Response via : Initial Calibration





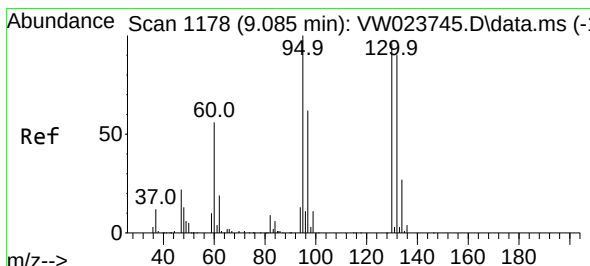
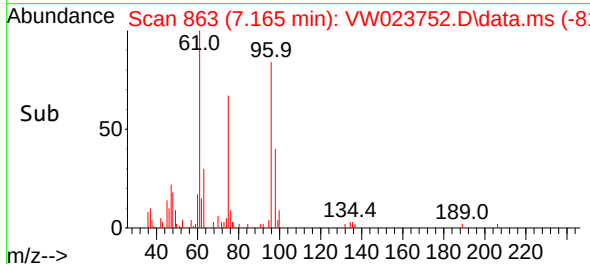
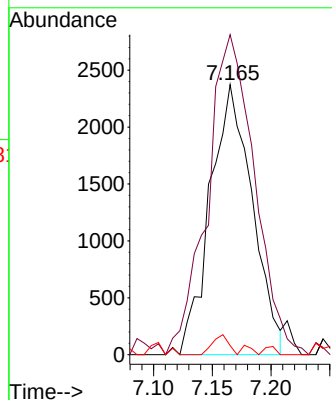
#20
 cis-1,2-Dichloroethene
 Concen: 2.665 ug/L
 RT: 7.165 min Scan# 863
 Delta R.T. 0.000 min
 Lab File: VW023752.D
 Acq: 15 Jul 2022 18:10

Instrument :
 MSVOA_W
 ClientSampleId :



Tgt Ion: 96 Resp: 5926

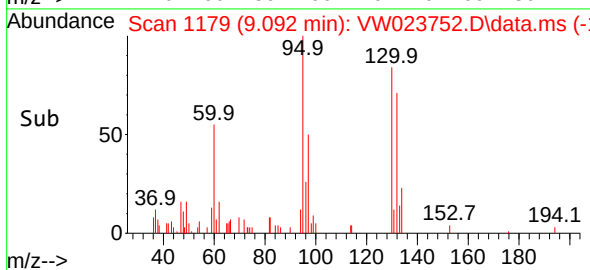
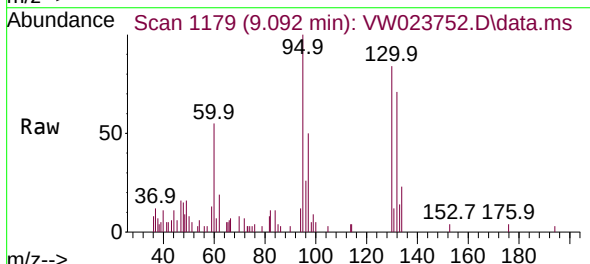
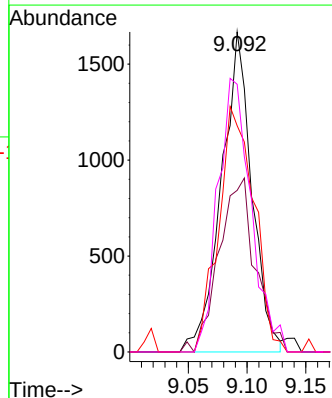
Ion	Ratio	Lower	Upper
96	100		
61	115.9	90.6	168.2
68	3.3	0.2	0.4

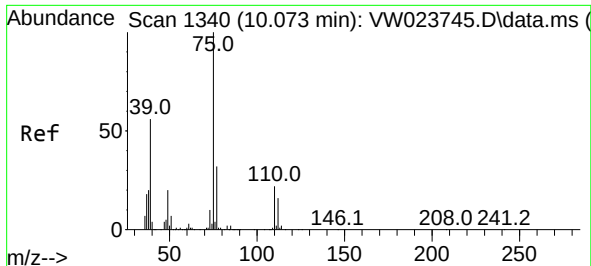


#34
 Trichloroethene
 Concen: 1.281 ug/L
 RT: 9.092 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: VW023752.D
 Acq: 15 Jul 2022 18:10

Tgt Ion: 95 Resp: 3011

Ion	Ratio	Lower	Upper
95	100		
97	50.5	45.6	84.8
132	70.7	69.9	129.7
130	96.0	75.4	140.0





#39

cis-1,3-Dichloropropene

Concen: 0.641 ug/L

RT: 10.037 min Scan# 11

Delta R.T. -0.036 min

Lab File: VW023752.D

Acq: 15 Jul 2022 18:10

Instrument :

MSVOA_W

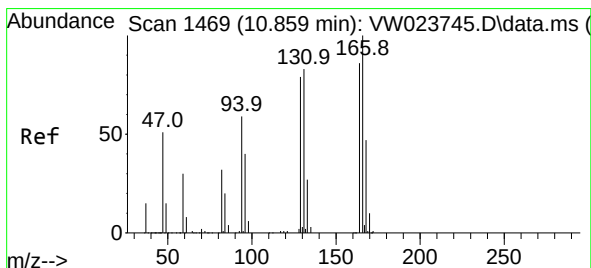
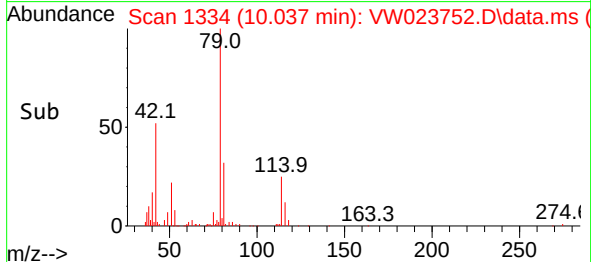
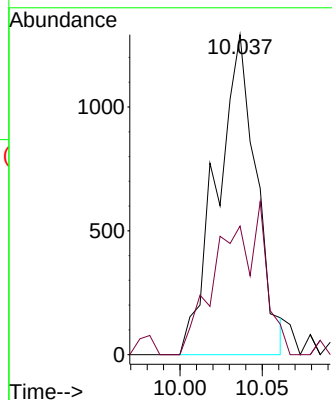
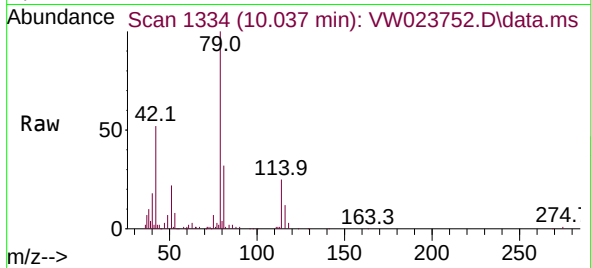
ClientSampleId :

Tgt Ion: 75 Resp: 2157

Ion Ratio Lower Upper

75 100

77 40.2 22.5 41.9



#46

Tetrachloroethene

Concen: 6.415 ug/L

RT: 10.860 min Scan# 1469

Delta R.T. 0.000 min

Lab File: VW023752.D

Acq: 15 Jul 2022 18:10

Tgt Ion:164 Resp: 11662

Ion Ratio Lower Upper

164 100

129 116.7 72.4 134.5

131 111.1 67.8 125.8

166 149.6 88.9 165.1

