

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU051424\
 Data File : VU058893.D
 Acq On : 14 May 2024 18:04
 Operator : MD/SY
 Sample : P2392-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ4

Quant Time: May 15 01:10:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR051424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed May 15 00:49:30 2024
 Response via : Initial Calibration

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

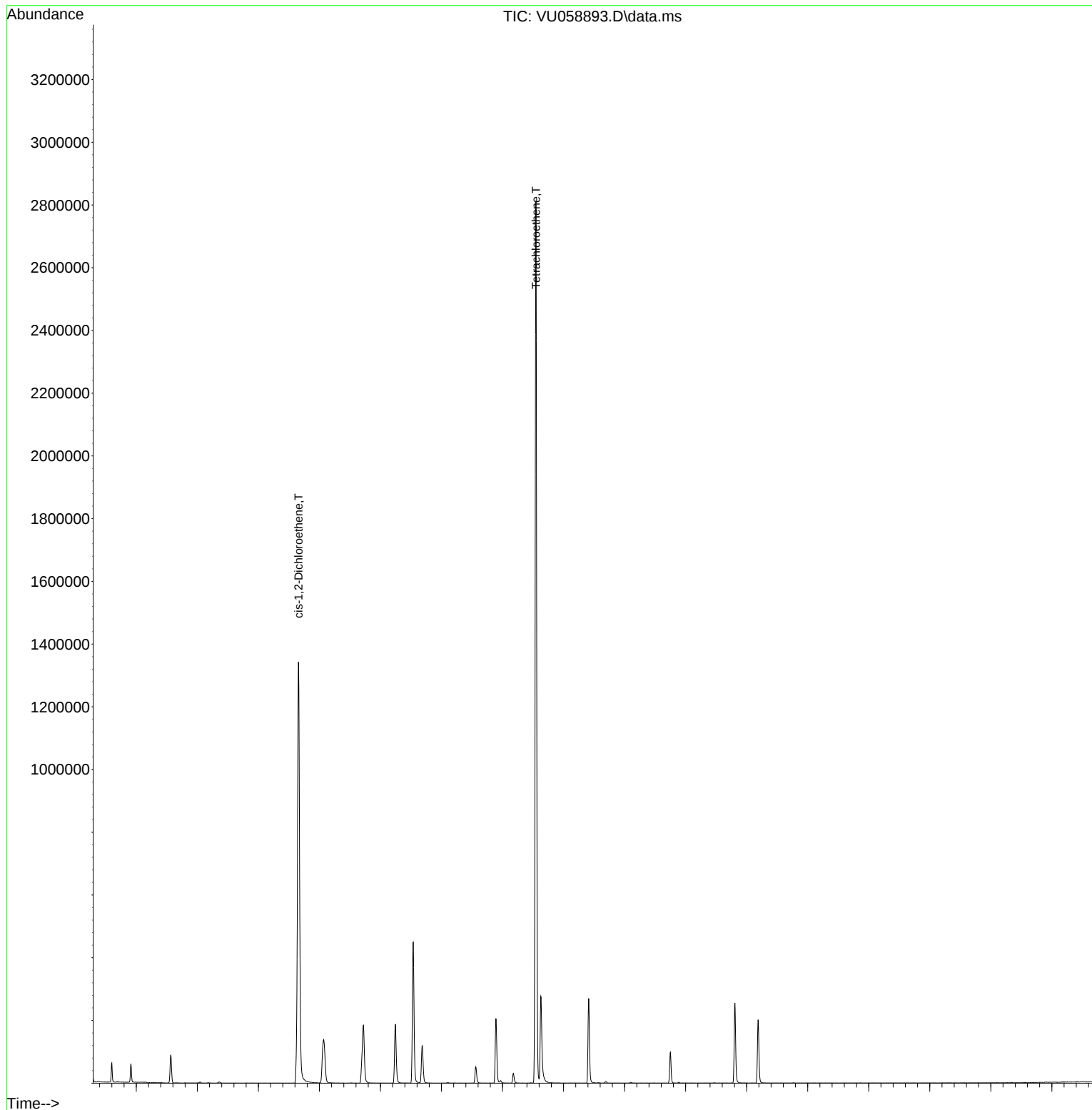
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	153585	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	152358	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	70652	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	42120	4.528	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.600%
7) Chloroethane-d5	1.911	69	40530	4.820	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.563	65	17802	4.695	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.000%
20) 2-Butanone-d5	4.628	46	138451	57.240	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.480%
24) Chloroform-d	5.055	84	94845	5.048	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.695	65	48749	5.049	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.000%
32) Benzene-d6	5.721	84	177023	5.062	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.685	67	60669	5.206	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.200%
41) Toluene-d8	7.894	98	143750	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.400%
43) trans-1,3-Dichloroprop...	8.177	79	19172	4.794	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.627	63	107710	56.126	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.260%
56) 1,1,2,2-Tetrachloroeth...	10.750	84	51097	5.077	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.600%
66) 1,2-Dichlorobenzene-d4	12.187	152	54558	5.135	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.600%
Target Compounds					Qvalue	
22) cis-1,2-Dichloroethene	4.657	96	693362	59.779	ug/L	94
25) Chloroform	5.081	83	89961	4.088	ug/L	100
34) Trichloroethene	6.534	95	158332	13.365	ug/L	98
47) Tetrachloroethene	8.547	164	593998	70.382	ug/L	98

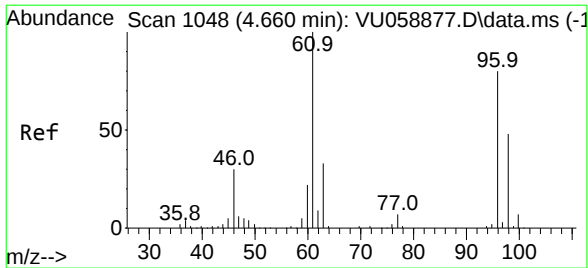
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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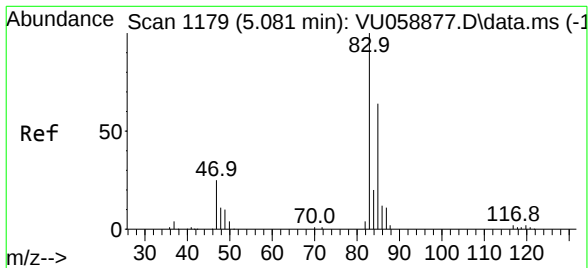
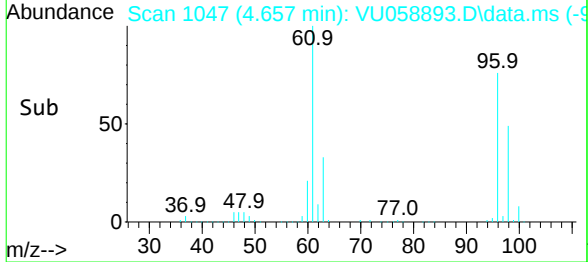
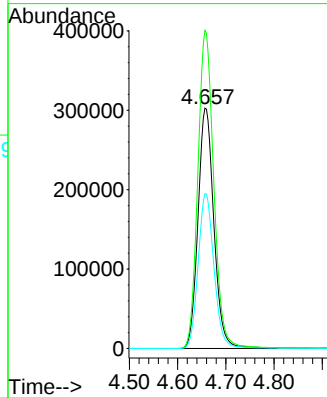
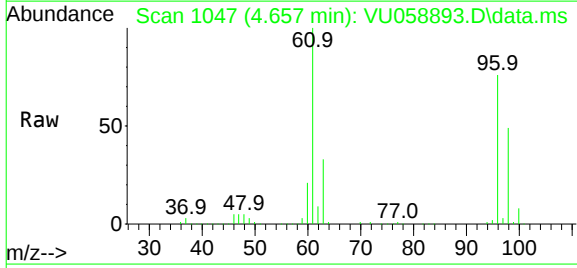




#22
 cis-1,2-Dichloroethene
 Concen: 59.779 ug/L
 RT: 4.657 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU058893.D
 Acq: 14 May 2024 18:04

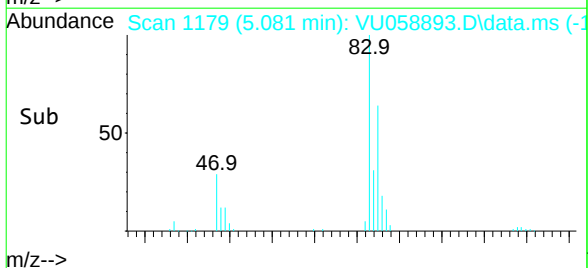
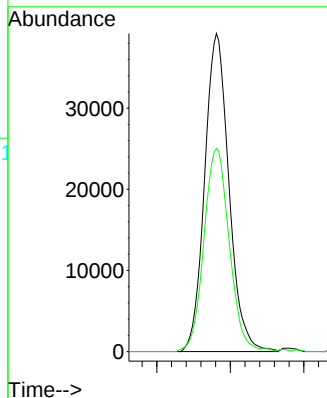
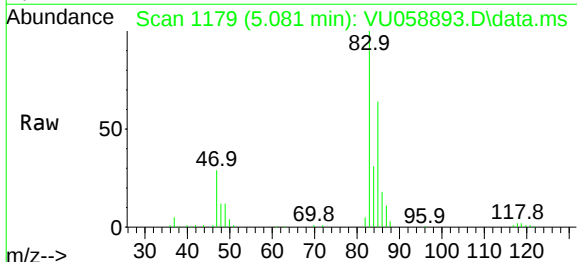
Instrument :
 MSVOA_U
 ClientSampleId :
 BHAQ4

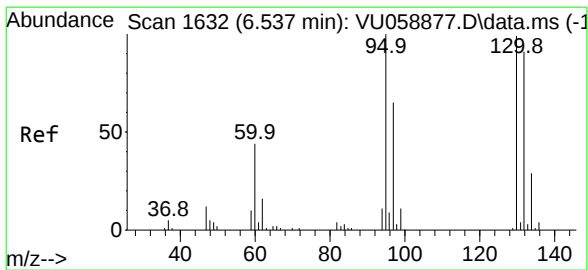
Tgt Ion: 96 Resp: 693362
 Ion Ratio Lower Upper
 96 100
 61 132.3 87.4 162.2
 98 64.4 42.3 78.5



#25
 Chloroform
 Concen: 4.088 ug/L
 RT: 5.081 min Scan# 1179
 Delta R.T. 0.000 min
 Lab File: VU058893.D
 Acq: 14 May 2024 18:04

Tgt Ion: 83 Resp: 89961
 Ion Ratio Lower Upper
 83 100
 85 63.9 44.7 83.1





#34

Trichloroethene

Concen: 13.365 ug/L

RT: 6.534 min Scan# 16

Delta R.T. -0.003 min

Lab File: VU058893.D

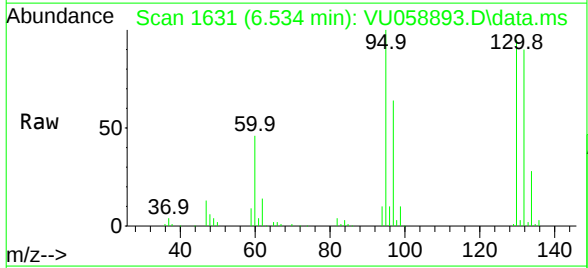
Acq: 14 May 2024 18:04

Instrument :

MSVOA_U

ClientSampleId :

BHAQ4



Tgt Ion: 95 Resp: 158332

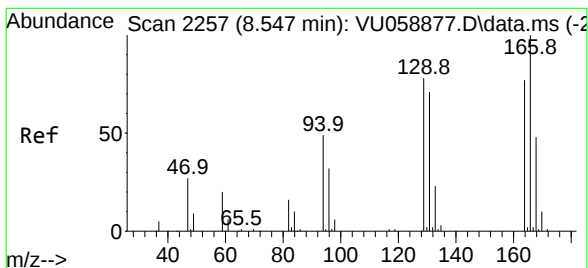
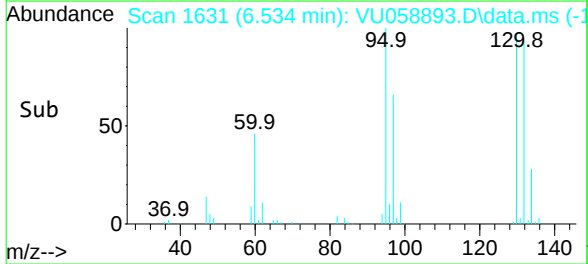
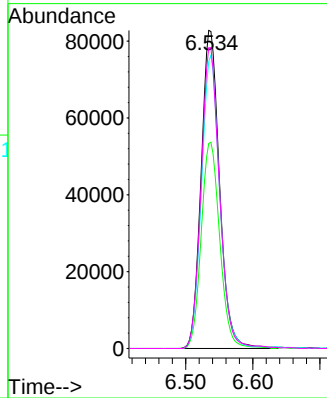
Ion Ratio Lower Upper

95 100

97 64.5 45.3 84.1

132 90.2 64.0 119.0

130 94.6 69.1 128.3



#47

Tetrachloroethene

Concen: 70.382 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. 0.000 min

Lab File: VU058893.D

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Tgt Ion:164 Resp: 593998

Ion Ratio Lower Upper

164 100

129 100.0 70.8 131.4

131 97.7 64.8 120.3

166 130.0 91.1 169.1

