

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU083023\
 Data File : VU055003.D
 Acq On : 30 Aug 2023 16:53
 Operator : MD/SY
 Sample : 04153-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH462

Quant Time: Aug 31 02:38:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Aug 31 02:34:15 2023
 Response via : Initial Calibration

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

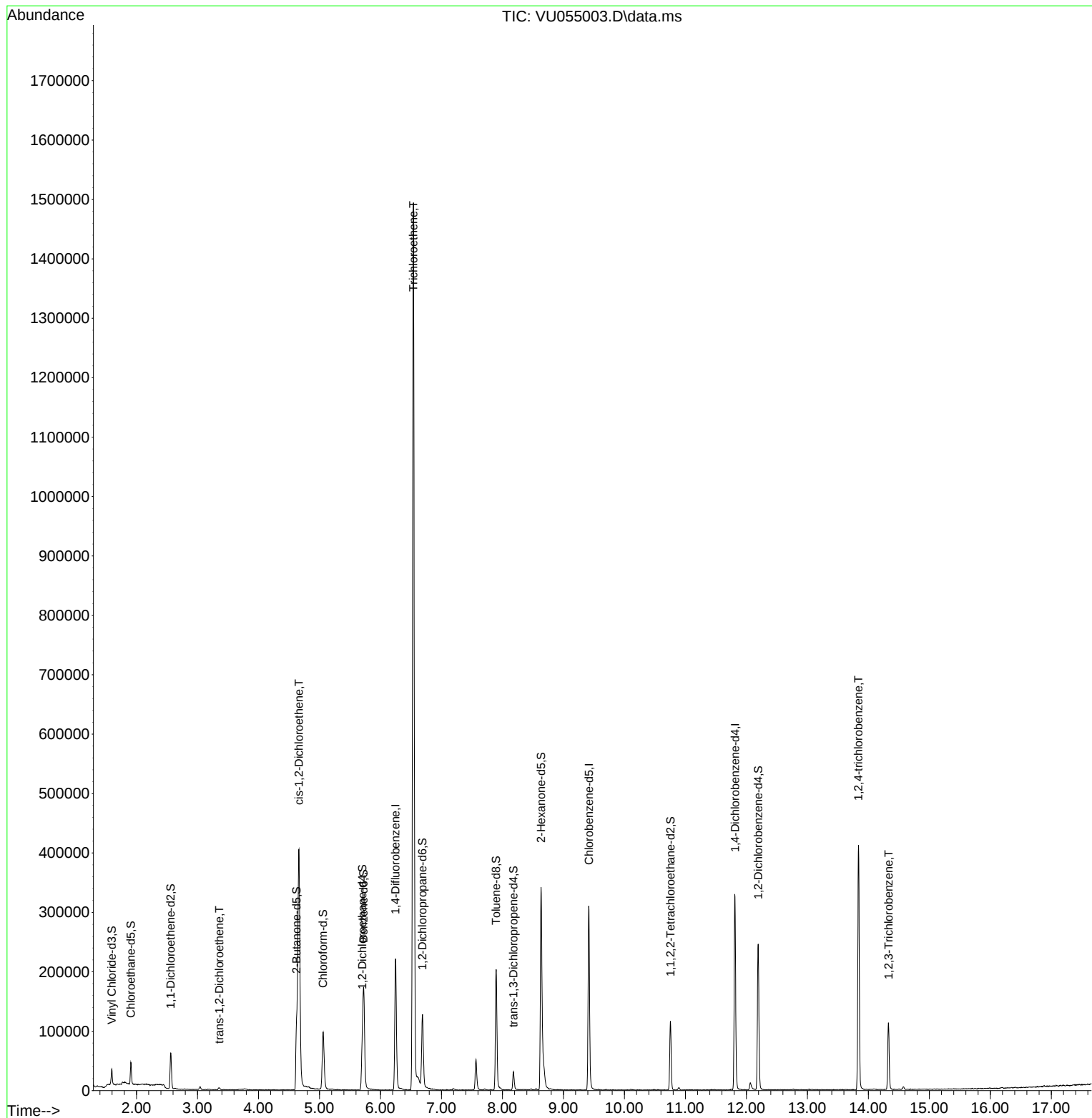
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	173747	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	169394	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	83875	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	17944	3.272	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	65.400%	
7) Chloroethane-d5	1.907	69	25606	3.614	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	72.200%	
11) 1,1-Dichloroethene-d2	2.560	65	11289	3.642	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.800%	
20) 2-Butanone-d5	4.624	46	169355	57.213	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	114.420%	
24) Chloroform-d	5.058	84	88936	4.372	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.400%	
26) 1,2-Dichloroethane-d4	5.701	65	50209	4.638	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	92.800%	
32) Benzene-d6	5.724	84	155708	4.089	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	81.800%	
36) 1,2-Dichloropropane-d6	6.689	67	58157	4.343	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	86.800%	
41) Toluene-d8	7.898	98	138575	3.800	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	76.000%	
43) trans-1,3-Dichloroprop...	8.180	79	17617	3.997	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.000%	
46) 2-Hexanone-d5	8.634	63	114340	54.661	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	109.320%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	55996	4.876	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	97.600%	
66) 1,2-Dichlorobenzene-d4	12.193	152	63382	4.733	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	94.600%	
Target Compounds						
18) trans-1,2-Dichloroethene	3.358	96	1586	0.185	ug/L	72
22) cis-1,2-Dichloroethene	4.663	96	196725	19.246	ug/L	94
34) Trichloroethene	6.541	95	502381	45.363	ug/L	98
70) 1,2,4-trichlorobenzene	13.839	180	116555	10.655	ug/L	97
72) 1,2,3-Trichlorobenzene	14.331	180	33167	3.659	ug/L	98

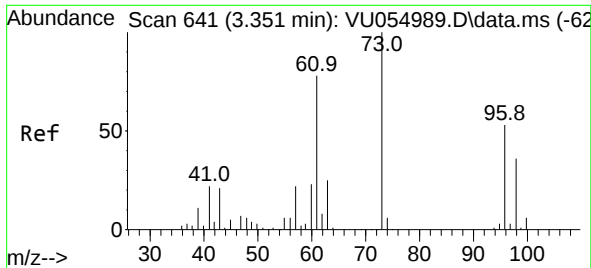
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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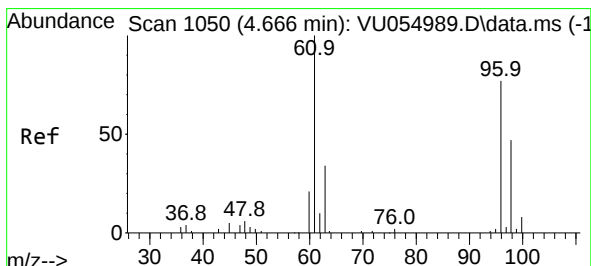
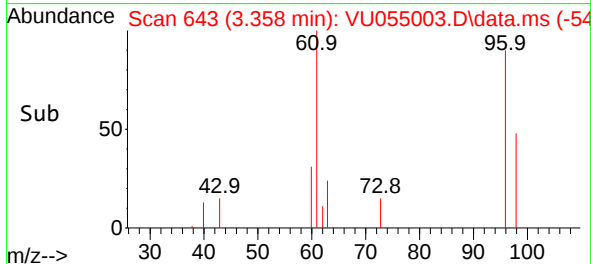
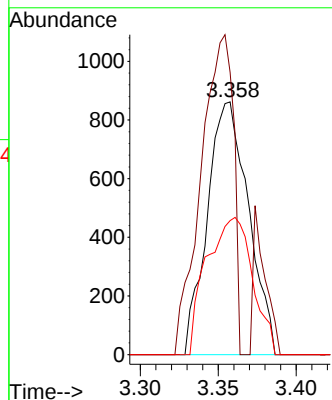
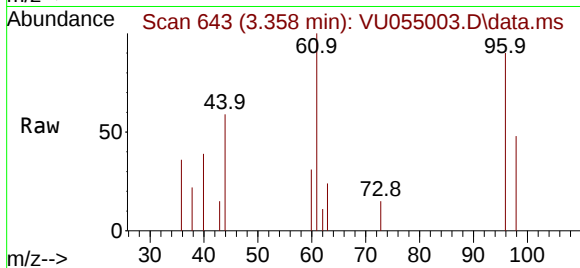




#18
 trans-1,2-Dichloroethene
 Concen: 0.185 ug/L
 RT: 3.358 min Scan# 641
 Delta R.T. 0.006 min
 Lab File: VU055003.D
 Acq: 30 Aug 2023 16:53

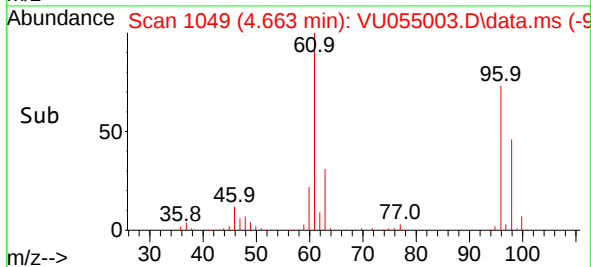
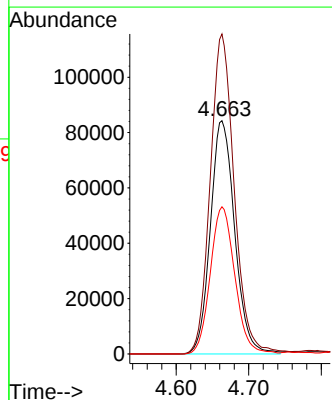
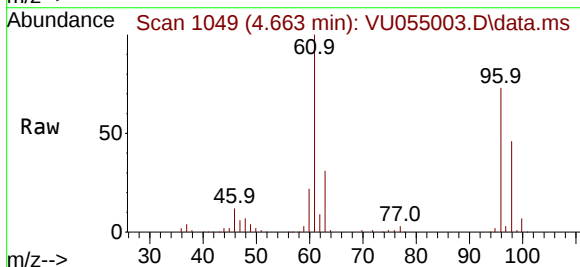
Instrument :
 MSVOA_U
 ClientSampleId :
 BH462

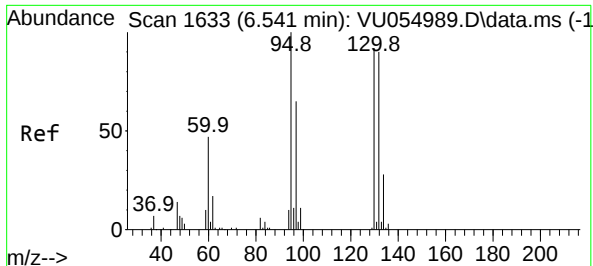
Tgt Ion: 96 Resp: 1586
 Ion Ratio Lower Upper
 96 100
 61 111.6 108.8 202.0
 98 53.0 45.8 85.2



#22
 cis-1,2-Dichloroethene
 Concen: 19.246 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. -0.003 min
 Lab File: VU055003.D
 Acq: 30 Aug 2023 16:53

Tgt Ion: 96 Resp: 196725
 Ion Ratio Lower Upper
 96 100
 61 137.1 88.4 164.2
 98 63.1 44.0 81.6





#34

Trichloroethene

Concen: 45.363 ug/L

RT: 6.541 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU055003.D

Acq: 30 Aug 2023 16:53

Instrument :

MSVOA_U

ClientSampleId :

BH462

Tgt Ion: 95 Resp: 502381

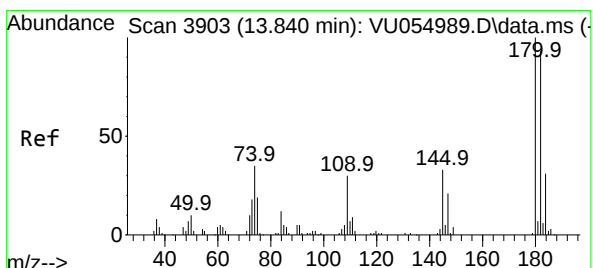
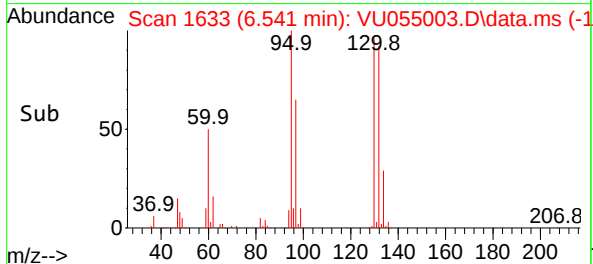
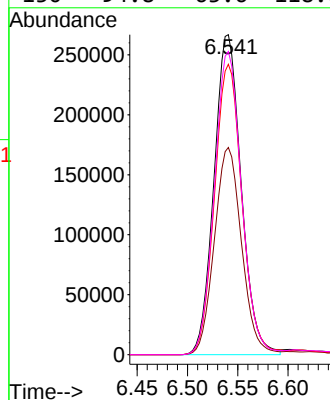
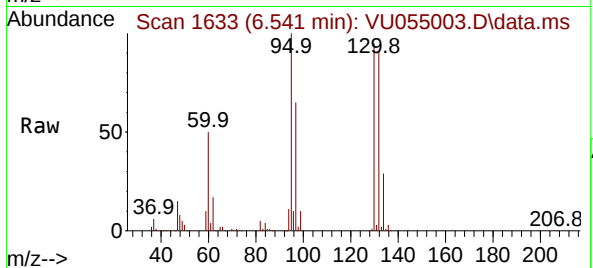
Ion Ratio Lower Upper

95 100

97 64.7 44.1 81.9

132 90.7 63.6 118.2

130 94.8 63.6 118.0



#70

1,2,4-trichlorobenzene

Concen: 10.655 ug/L

RT: 13.839 min Scan# 3903

Delta R.T. -0.000 min

Lab File: VU055003.D

Acq: 30 Aug 2023 16:53

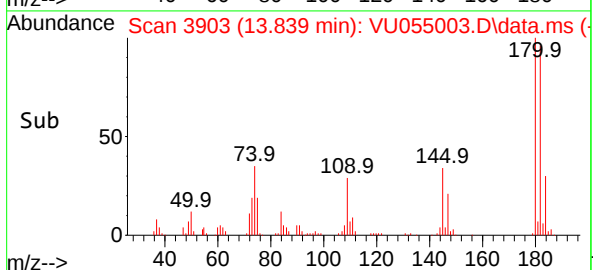
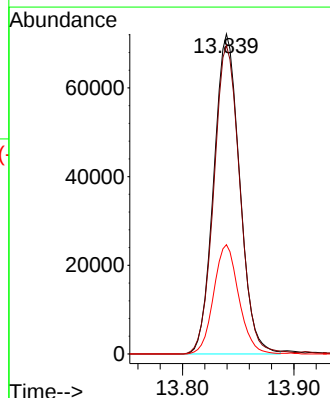
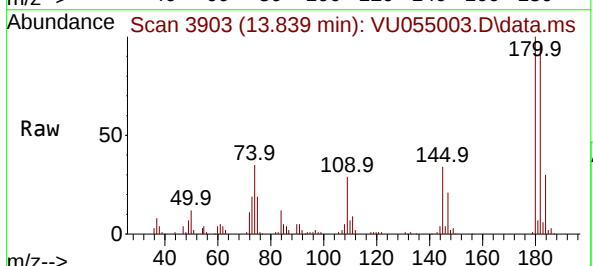
Tgt Ion:180 Resp: 116555

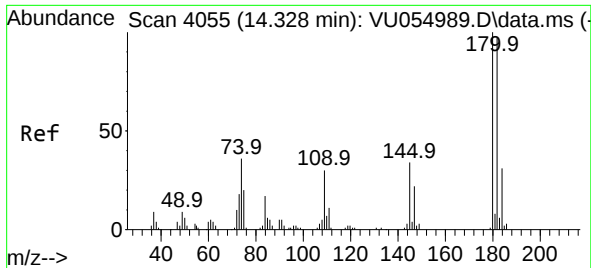
Ion Ratio Lower Upper

180 100

182 97.4 74.9 112.3

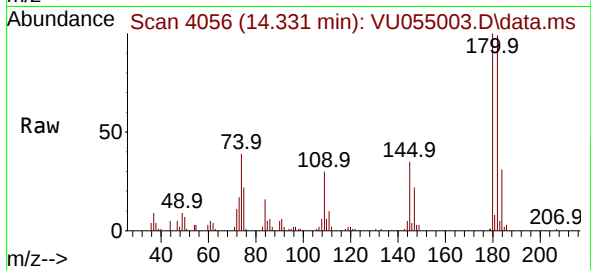
145 33.1 25.8 38.8





#72
 1,2,3-Trichlorobenzene
 Concen: 3.659 ug/L
 RT: 14.331 min Scan# 4056
 Delta R.T. 0.003 min
 Lab File: VU055003.D
 Acq: 30 Aug 2023 16:53

Instrument :
 MSVOA_U
 ClientSampleId :
 BH462



Tgt Ion:	180	Resp:	33167
Ion Ratio	Lower	Upper	
180	100		
182	94.9	77.7	116.5
145	35.3	28.1	42.1

