

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055166.D
 Acq On : 07 Sep 2023 02:11
 Operator : MD/SY
 Sample : 04286-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G5

Quant Time: Sep 07 02:29:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 06 05:03:37 2023
 Response via : Initial Calibration

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

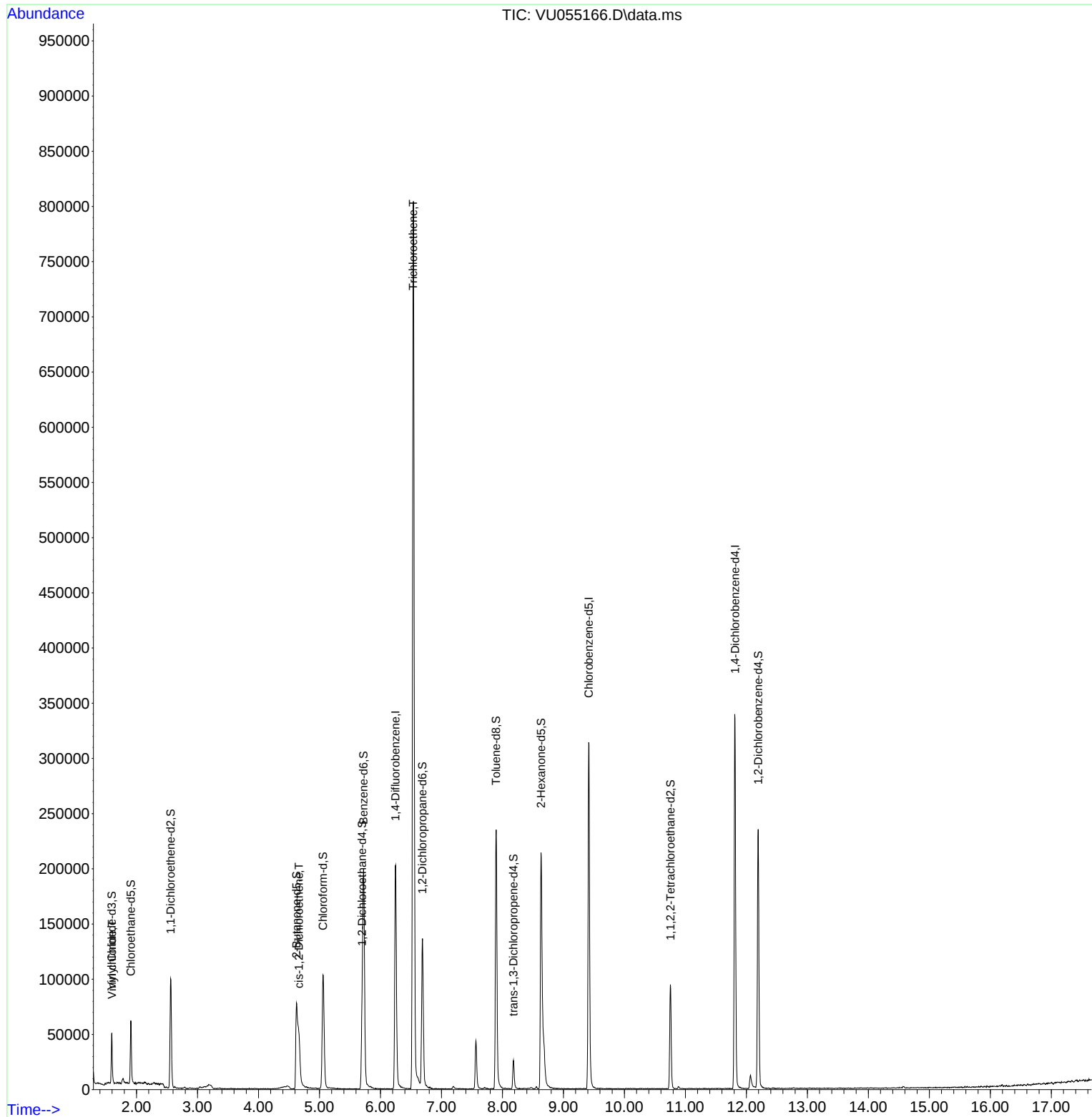
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	164391	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	168303	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	87288	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	30662	3.980	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	79.600%	
7) Chloroethane-d5	1.907	69	39152	4.390	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	87.800%	
11) 1,1-Dichloroethene-d2	2.560	65	19115	4.354	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	87.000%	
20) 2-Butanone-d5	4.624	46	119339	53.375	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	106.760%	
24) Chloroform-d	5.058	84	95911	4.691	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.800%	
26) 1,2-Dichloroethane-d4	5.698	65	49060	4.796	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.000%	
32) Benzene-d6	5.724	84	185466	4.464	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.200%	
36) 1,2-Dichloropropane-d6	6.688	67	62693	4.745	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	94.800%	
41) Toluene-d8	7.897	98	159860	4.177	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	83.600%	
43) trans-1,3-Dichloroprop...	8.180	79	15254	4.192	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	83.800%	
46) 2-Hexanone-d5	8.634	63	68928	46.658	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	93.320%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	47534	5.115	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	102.400%	
66) 1,2-Dichlorobenzene-d4	12.193	152	58702	4.607	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	1381	0.135	ug/L	# 81
22) cis-1,2-Dichloroethene	4.663	96	18676	1.979	ug/L	96
34) Trichloroethene	6.537	95	273365	27.460	ug/L	96

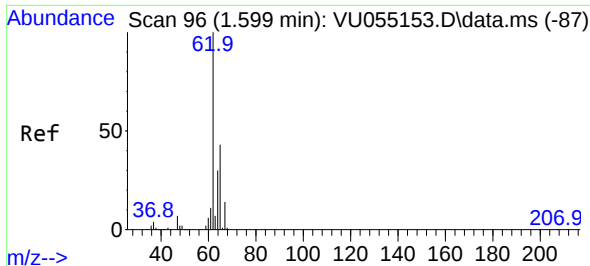
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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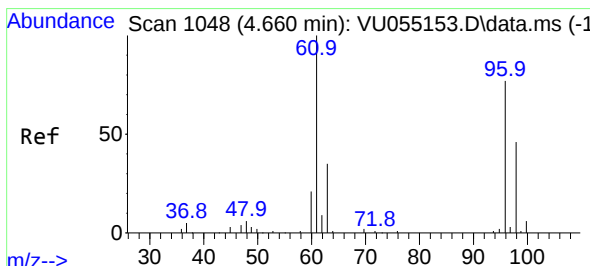
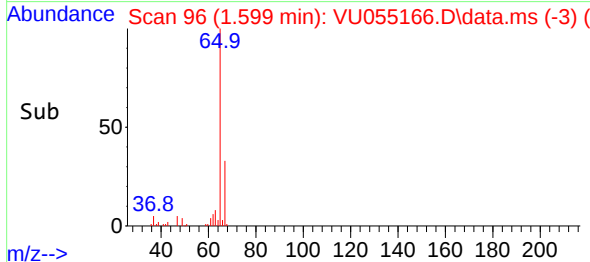
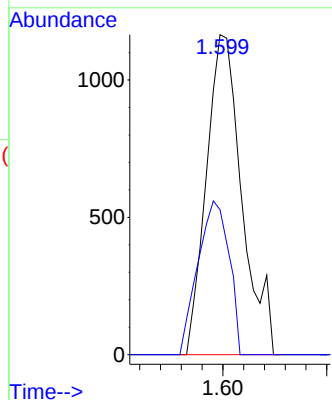
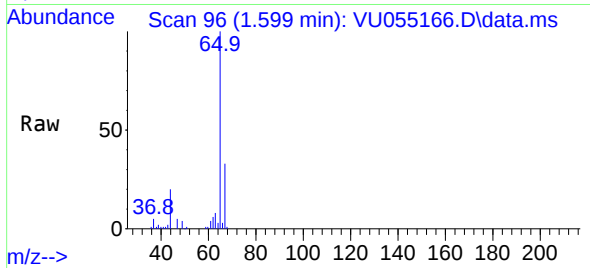




#5
 Vinyl chloride
 Concen: 0.135 ug/L
 RT: 1.599 min Scan# 90
 Delta R.T. 0.000 min
 Lab File: VU055166.D
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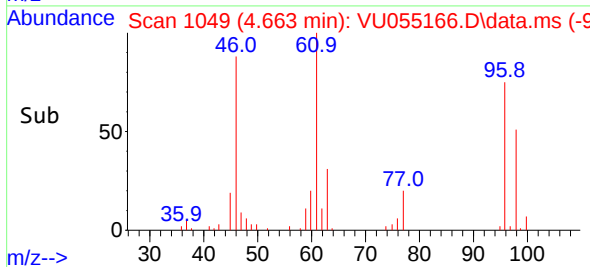
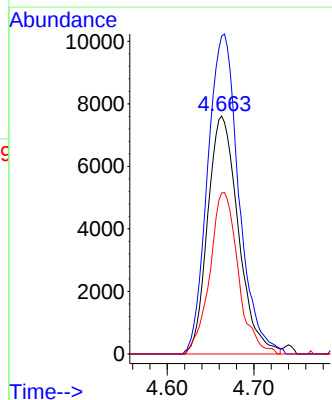
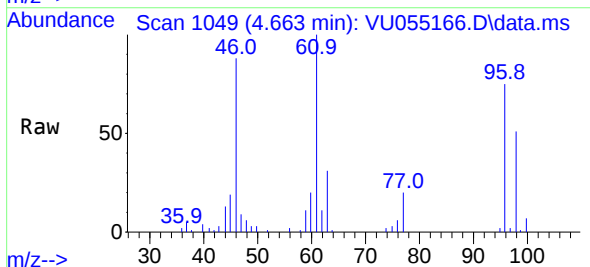
Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G5

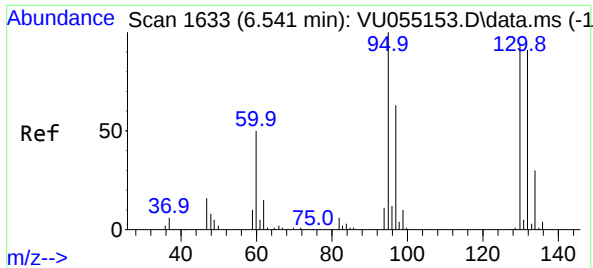
Tgt Ion: 62 Resp: 1381
 Ion Ratio Lower Upper
 62 100
 64 45.3 24.2 45.0#



#22
 cis-1,2-Dichloroethene
 Concen: 1.979 ug/L
 RT: 4.663 min Scan# 1049
 Delta R.T. 0.000 min
 Lab File: VU055166.D
 Acq: 07 Sep 2023 02:11

Tgt Ion: 96 Resp: 18676
 Ion Ratio Lower Upper
 96 100
 61 133.6 97.2 180.4
 98 69.0 46.1 85.7





#34
 Trichloroethene
 Concen: 27.460 ug/L
 RT: 6.537 min Scan# 1
 Delta R.T. -0.003 min
 Lab File: VU055166.D
 Acq: 07 Sep 2023 02:11

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G5

Tgt Ion: 95 Resp: 273365

Ion	Ratio	Lower	Upper
95	100		
97	63.6	44.7	83.1
132	89.0	66.6	123.6
130	92.0	66.5	123.5

