

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090623\
 Data File : VU055163.D
 Acq On : 07 Sep 2023 00:58
 Operator : MD/SY
 Sample : 04286-17
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G2

Quant Time: Sep 07 02:28:45 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)

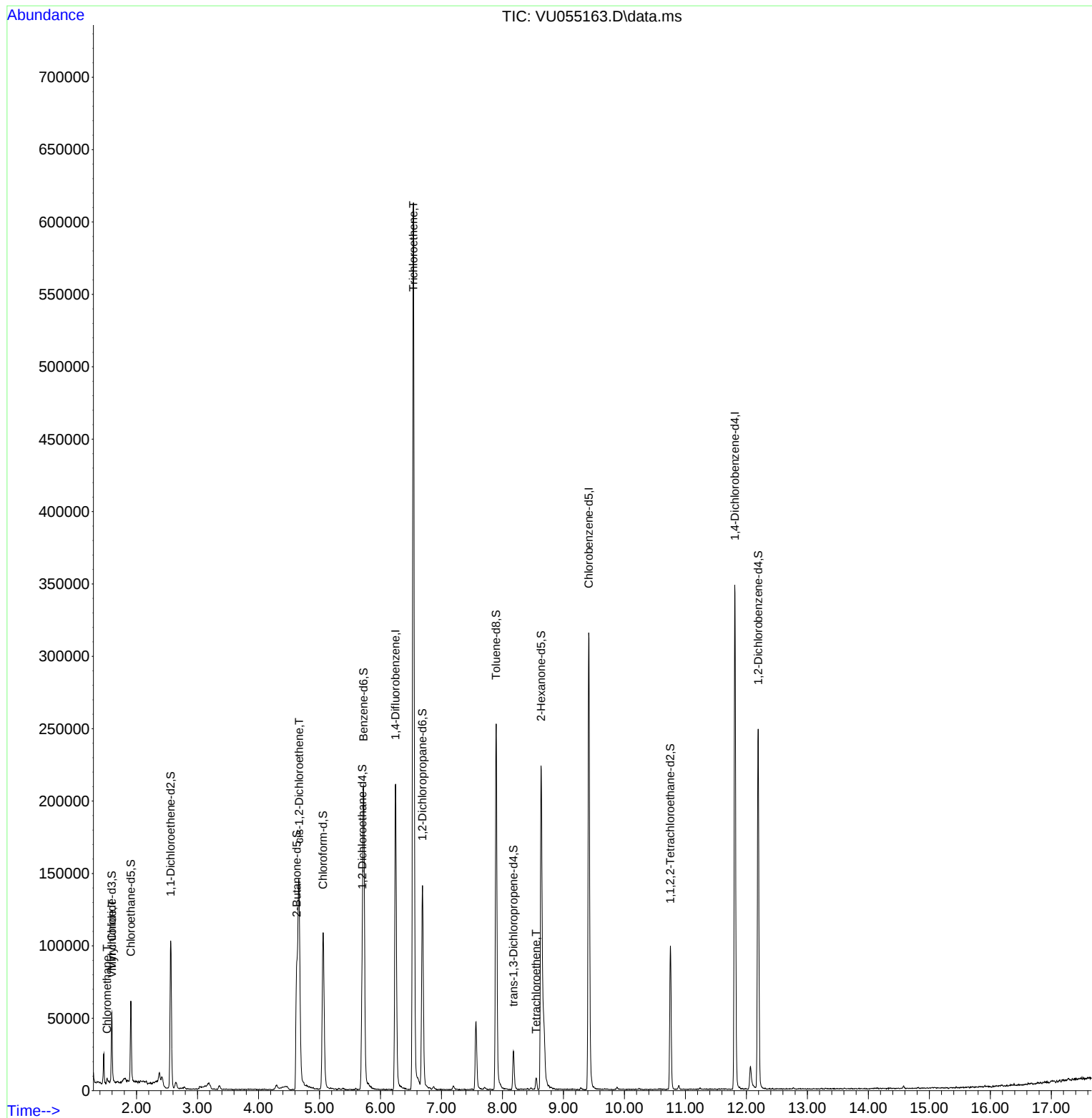
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171060	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88844	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	29414	3.760	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.200%
7) Chloroethane-d5	1.907	69	37575	4.149	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.000%
11) 1,1-Dichloroethene-d2	2.560	65	19468	4.368	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.400%
20) 2-Butanone-d5	4.628	46	124094	54.663	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.320%
24) Chloroform-d	5.058	84	103631	4.992	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.800%
26) 1,2-Dichloroethane-d4	5.701	65	54253	5.224	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.400%
32) Benzene-d6	5.724	84	194159	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.689	67	67248	5.007	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.200%
41) Toluene-d8	7.898	98	166328	4.276	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.600%
43) trans-1,3-Dichloroprop...	8.180	79	15478	4.185	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.800%
46) 2-Hexanone-d5	8.634	63	71567	47.664	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.320%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	49690	5.261	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	62329	4.806	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	1937	0.196	ug/L	99
5) Vinyl chloride	1.599	62	5407	0.519	ug/L	95
22) cis-1,2-Dichloroethene	4.666	96	65668	6.852	ug/L	93
34) Trichloroethene	6.541	95	208577	20.614	ug/L	96
47) Tetrachloroethene	8.553	164	1750	0.250	ug/L	88

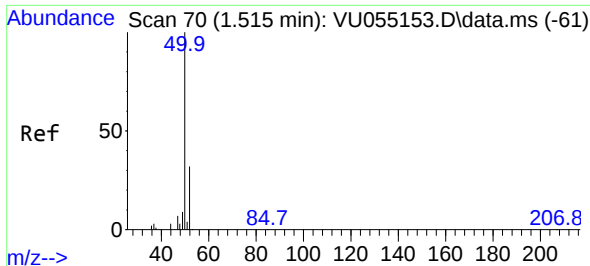
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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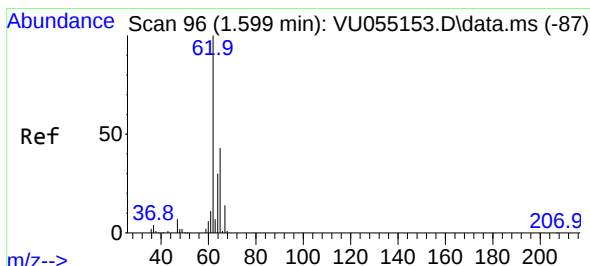
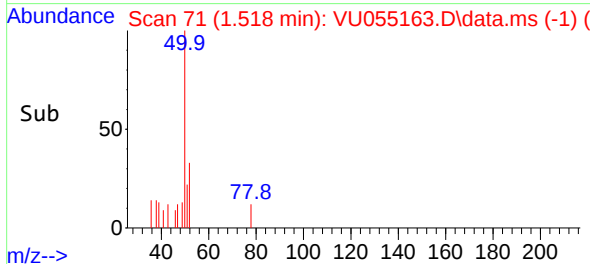
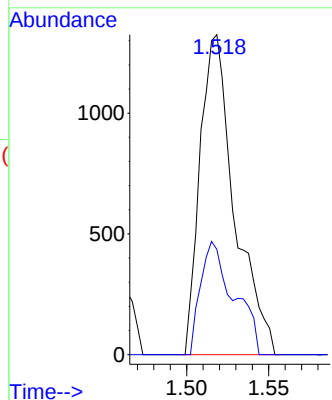
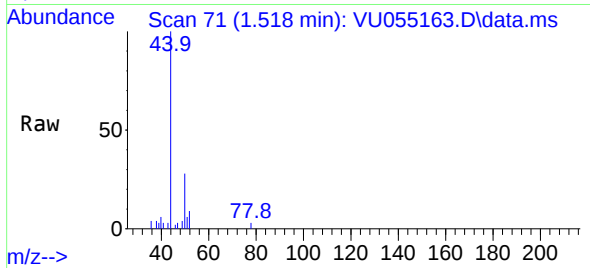




#3
Chloromethane
Concen: 0.196 ug/L
RT: 1.518 min Scan# 70
Delta R.T. 0.003 min
Lab File: VU055163.D
Acq: 07 Sep 2023 00:58

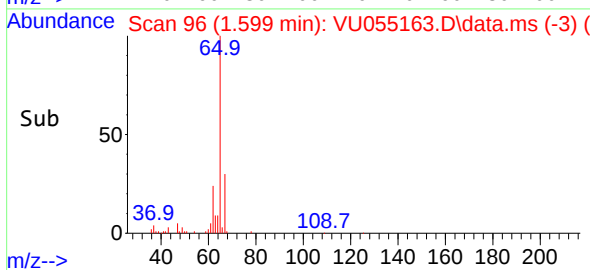
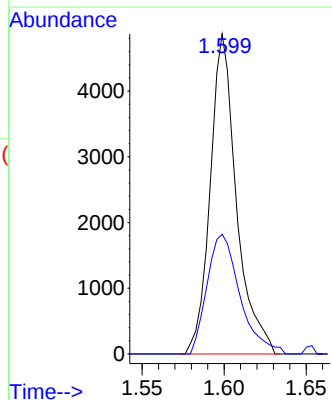
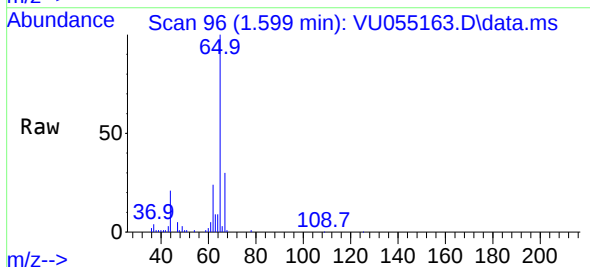
Instrument :
MSVOA_U
ClientSampleId :
BH4G2

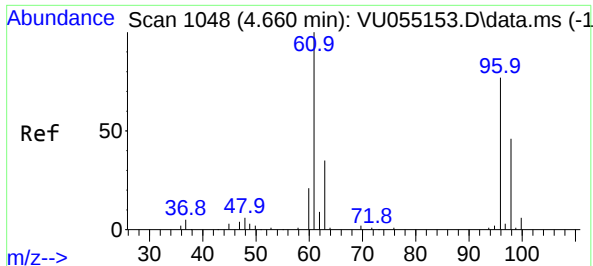
Tgt Ion: 50 Resp: 1937
Ion Ratio Lower Upper
50 100
52 32.9 22.5 41.7



#5
Vinyl chloride
Concen: 0.519 ug/L
RT: 1.599 min Scan# 96
Delta R.T. 0.000 min
Lab File: VU055163.D
Acq: 07 Sep 2023 00:58

Tgt Ion: 62 Resp: 5407
Ion Ratio Lower Upper
62 100
64 37.4 24.2 45.0



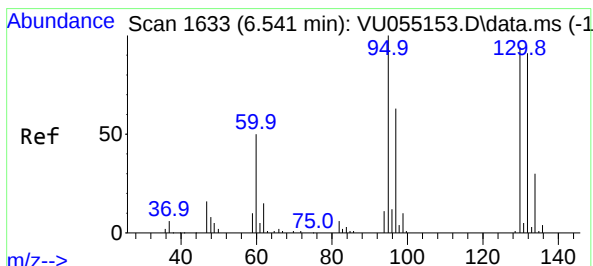
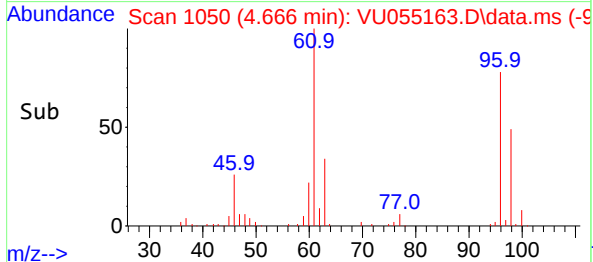
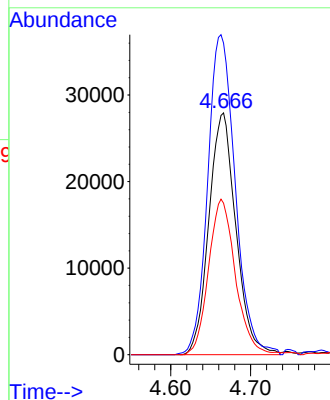
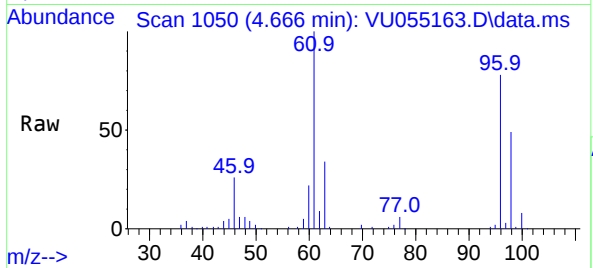


#22
 cis-1,2-Dichloroethene
 Concen: 6.852 ug/L
 RT: 4.666 min Scan# 1050
 Delta R.T. 0.003 min
 Lab File: VU055163.D
 Acq: 07 Sep 2023 00:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G2

Tgt Ion: 96 Resp: 65668

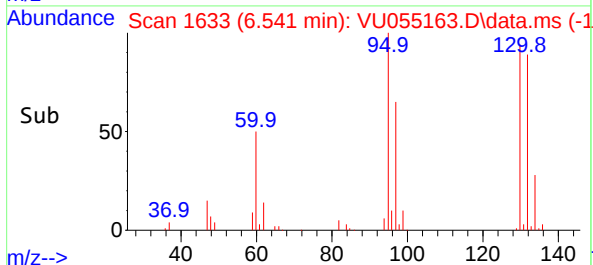
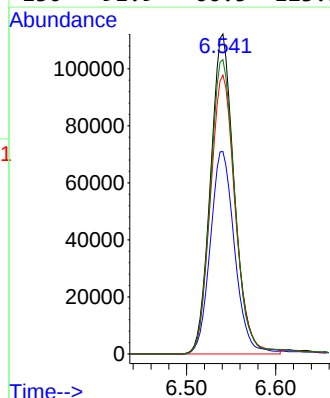
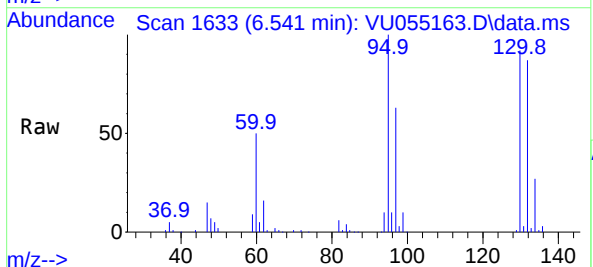
Ion	Ratio	Lower	Upper
96	100		
61	128.9	97.2	180.4
98	62.7	46.1	85.7

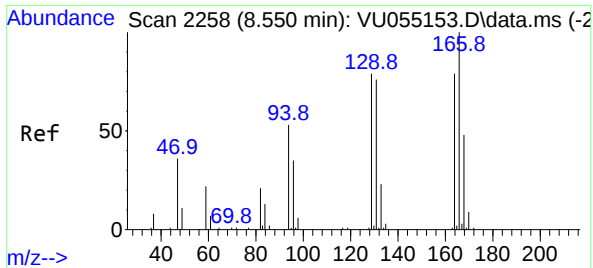


#34
 Trichloroethene
 Concen: 20.614 ug/L
 RT: 6.541 min Scan# 1633
 Delta R.T. 0.000 min
 Lab File: VU055163.D
 Acq: 07 Sep 2023 00:58

Tgt Ion: 95 Resp: 208577

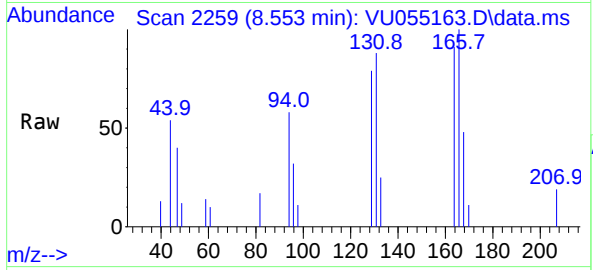
Ion	Ratio	Lower	Upper
95	100		
97	63.3	44.7	83.1
132	87.1	66.6	123.6
130	91.9	66.5	123.5





#47
 Tetrachloroethene
 Concen: 0.250 ug/L
 RT: 8.553 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU055163.D
 Acq: 07 Sep 2023 00:58

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4G2



Tgt Ion:164 Resp: 1750

Ion	Ratio	Lower	Upper
164	100		
129	86.4	69.2	128.6
131	96.7	68.8	127.8
166	109.4	92.3	171.5

