

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055198.D
 Acq On : 07 Sep 2023 19:02
 Operator : MD/SY
 Sample : 04286-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E4

Quant Time: Sep 08 05:10:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Sep 08 05:04:57 2023
 Response via : Initial Calibration

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

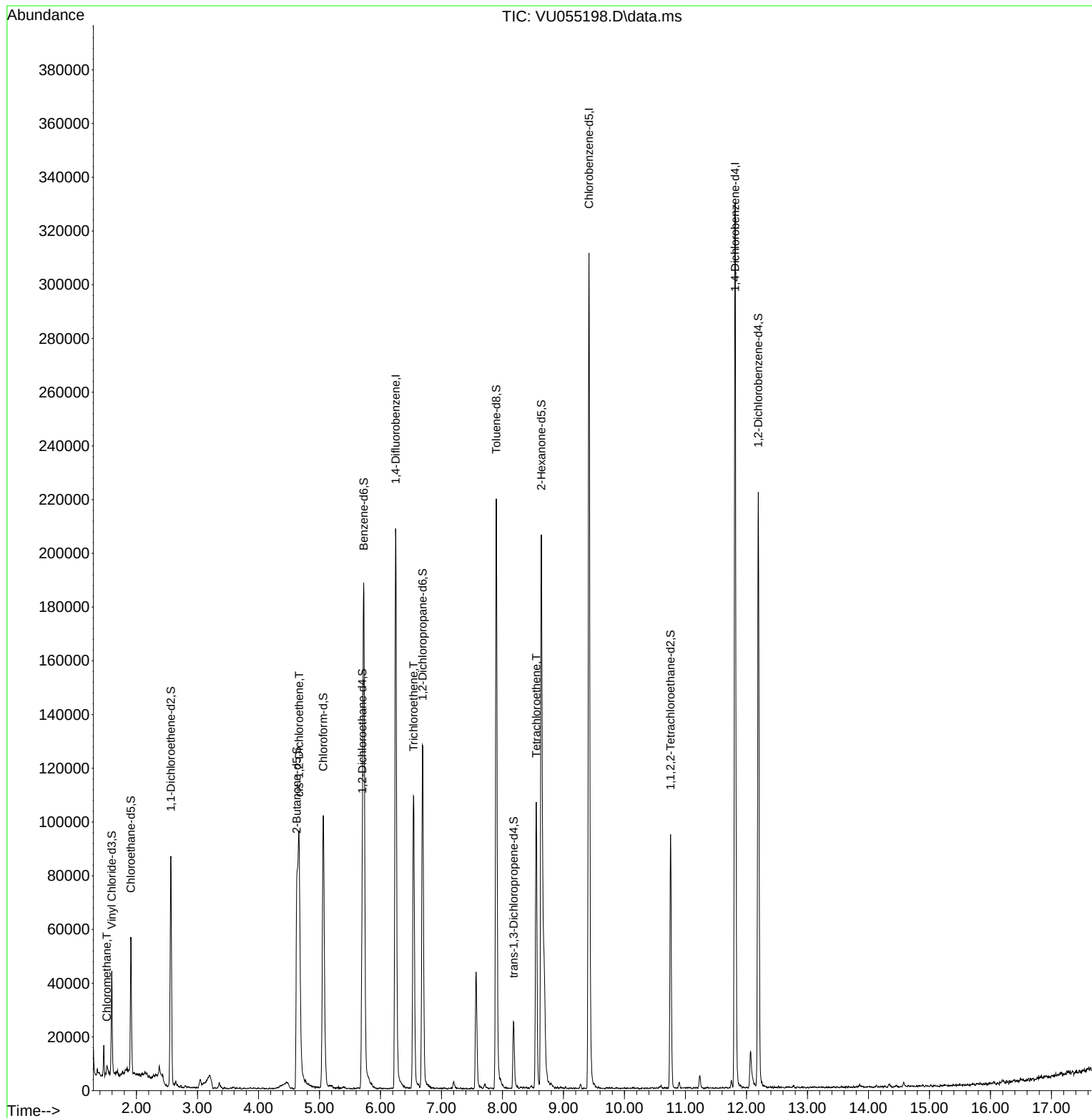
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	166237	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	167455	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81782	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25046	3.215	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	64.200%	
7) Chloroethane-d5	1.908	69	34718	3.850	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	77.000%	
11) 1,1-Dichloroethene-d2	2.563	65	16697	3.761	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	75.200%	
20) 2-Butanone-d5	4.628	46	122950	54.380	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.760%	
24) Chloroform-d	5.062	84	93124	4.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.000%	
26) 1,2-Dichloroethane-d4	5.702	65	49874	4.822	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.400%	
32) Benzene-d6	5.727	84	170785	4.132	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	82.600%	
36) 1,2-Dichloropropane-d6	6.689	67	61293	4.662	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.200%	
41) Toluene-d8	7.898	98	146502	3.848	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	77.000%	
43) trans-1,3-Dichloroprop...	8.184	79	14974	4.136	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.800%	
46) 2-Hexanone-d5	8.637	63	64016	43.553	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.100%	
56) 1,1,2,2-Tetrachloroeth...	10.756	84	46259	5.003	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.000%	
66) 1,2-Dichlorobenzene-d4	12.193	152	55666	4.663	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	93.200%	
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3144	0.320	ug/L	94
22) cis-1,2-Dichloroethene	4.666	96	35957	3.767	ug/L	100
34) Trichloroethene	6.541	95	38541	3.891	ug/L	96
47) Tetrachloroethene	8.554	164	22004	3.214	ug/L	93

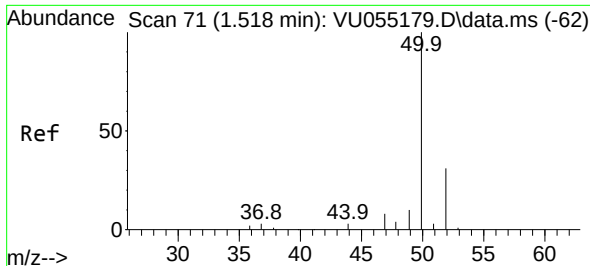
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
Data File : VU055198.D
Acq On : 07 Sep 2023 19:02
Operator : MD/SY
Sample : 04286-07
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BH4E4

Quant Time: Sep 08 05:10:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 08 05:04:57 2023
Response via : Initial Calibration

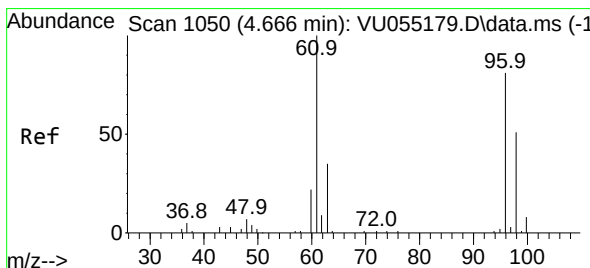
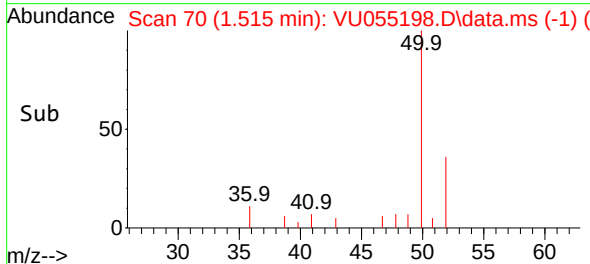
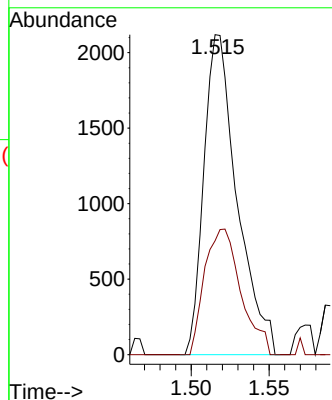
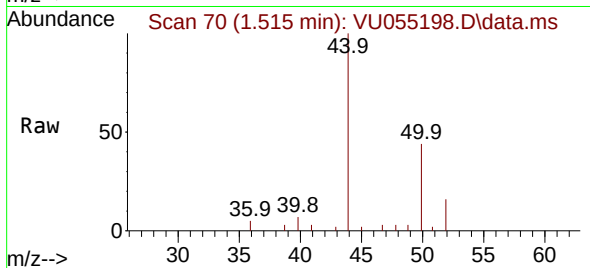




#3
Chloromethane
Concen: 0.320 ug/L
RT: 1.515 min Scan# 71
Delta R.T. -0.003 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

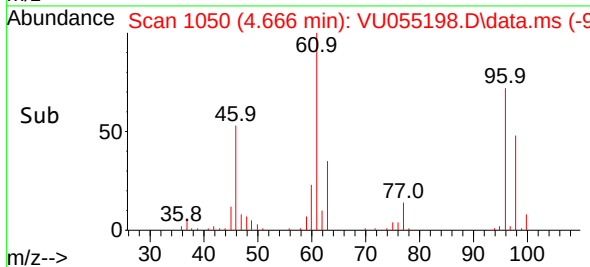
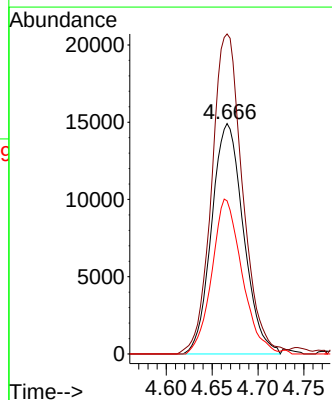
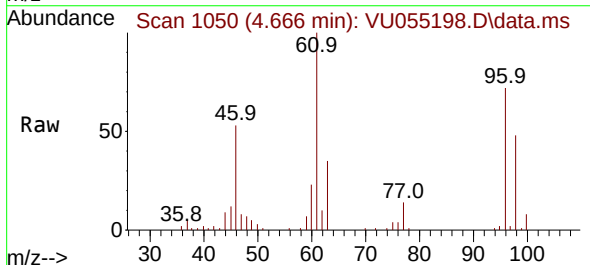
Instrument :
MSVOA_U
ClientSampleId :
BH4E4

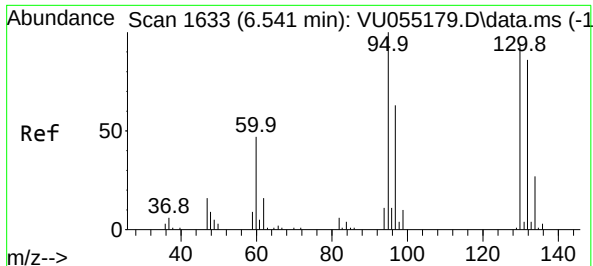
Tgt Ion: 50 Resp: 3144
Ion Ratio Lower Upper
50 100
52 35.6 22.5 41.7



#22
cis-1,2-Dichloroethene
Concen: 3.767 ug/L
RT: 4.666 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Tgt Ion: 96 Resp: 35957
Ion Ratio Lower Upper
96 100
61 138.9 97.2 180.4
98 66.4 46.1 85.7

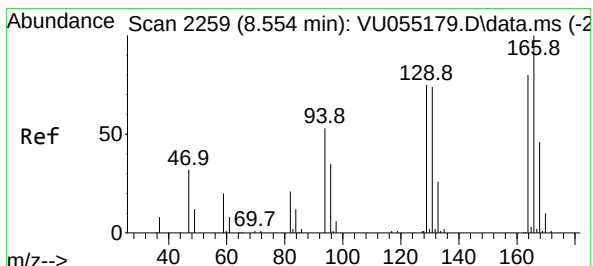
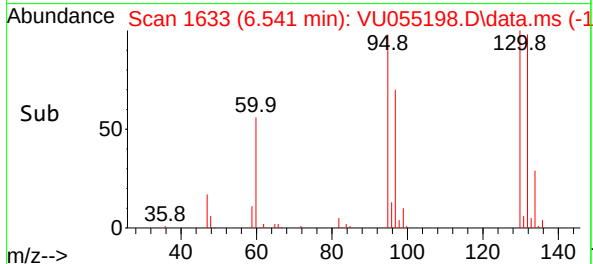
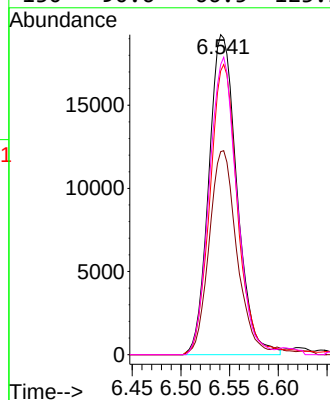
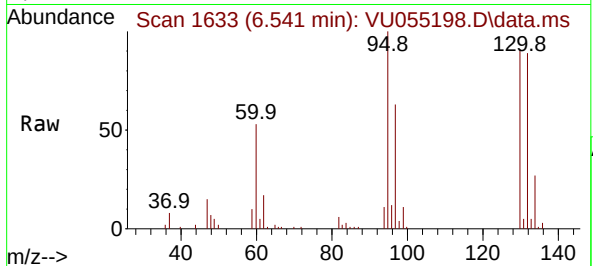




#34
Trichloroethene
Concen: 3.891 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Instrument :
MSVOA_U
ClientSampleId :
BH4E4

Tgt Ion: 95 Resp: 38541
Ion Ratio Lower Upper
95 100
97 63.5 44.7 83.1
132 88.7 66.6 123.6
130 90.6 66.5 123.5



#47
Tetrachloroethene
Concen: 3.214 ug/L
RT: 8.554 min Scan# 2259
Delta R.T. -0.000 min
Lab File: VU055198.D
Acq: 07 Sep 2023 19:02

Tgt Ion: 164 Resp: 22004
Ion Ratio Lower Upper
164 100
129 102.4 69.2 128.6
131 104.3 68.8 127.8
166 120.7 92.3 171.5

