

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055197.D
 Acq On : 07 Sep 2023 18:38
 Operator : MD/SY
 Sample : 04286-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4E3

Quant Time: Sep 08 05:10:05 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)

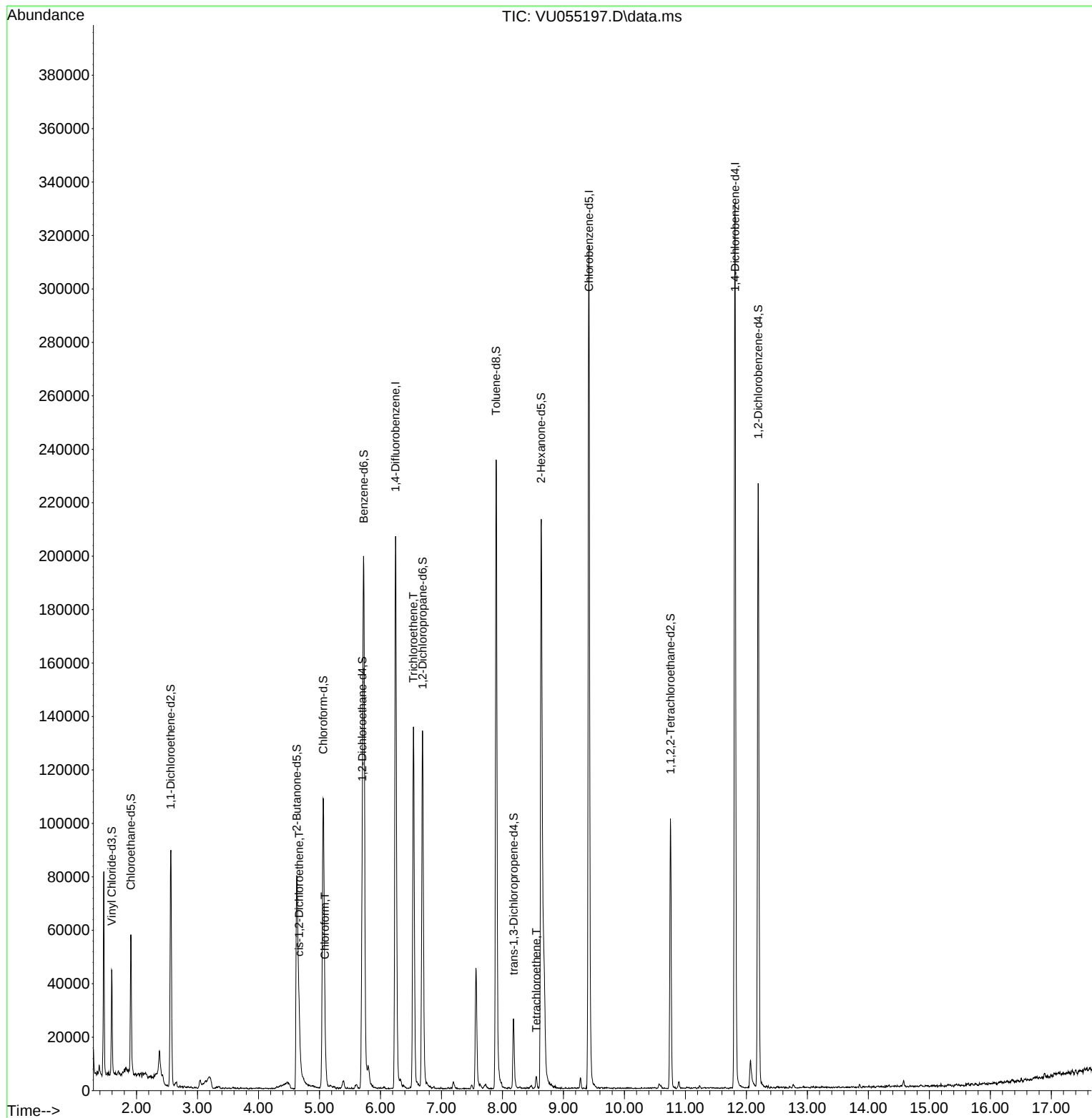
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	162321	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	172611	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	81356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	26368	3.466	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.400%
7) Chloroethane-d5	1.907	69	34899	3.963	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.200%
11) 1,1-Dichloroethene-d2	2.560	65	16327	3.767	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.628	46	129973	58.873	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.740%
24) Chloroform-d	5.062	84	96952	4.803	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.000%
26) 1,2-Dichloroethane-d4	5.701	65	52824	5.230	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.600%
32) Benzene-d6	5.727	84	180793	4.243	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.800%
36) 1,2-Dichloropropane-d6	6.692	67	64020	4.724	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.897	98	155670	3.966	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.400%
43) trans-1,3-Dichloroprop...	8.184	79	15412	4.130	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.600%
46) 2-Hexanone-d5	8.634	63	65227	43.051	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.100%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	49092	5.151	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	12.193	152	57169	4.814	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						Qvalue
22) cis-1,2-Dichloroethene	4.666	96	4959	0.532	ug/L	98
25) Chloroform	5.091	83	12121	0.707	ug/L	96
34) Trichloroethene	6.541	95	45854	4.491	ug/L	97
47) Tetrachloroethene	8.557	164	1154	0.164	ug/L #	54

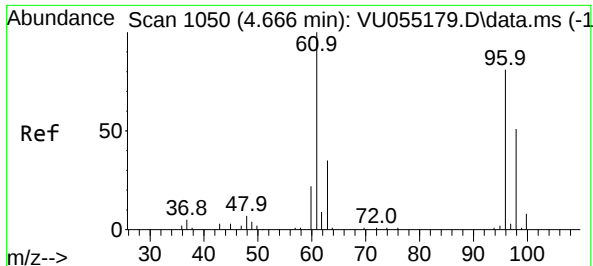
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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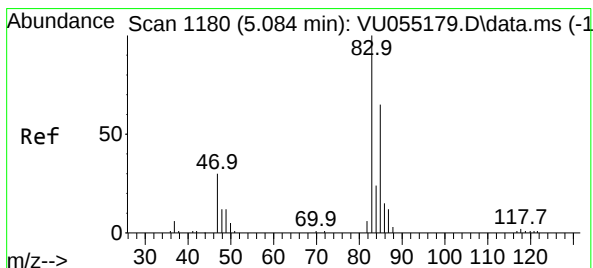
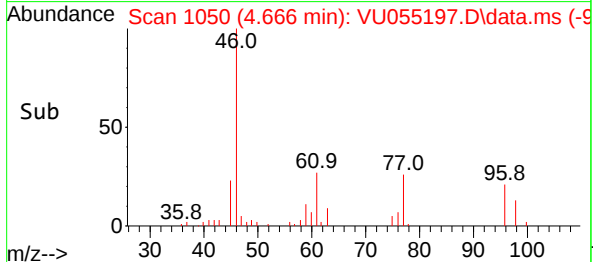
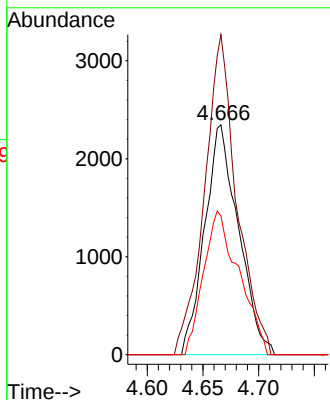
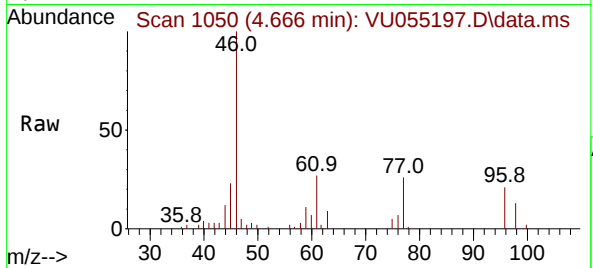




#22
 cis-1,2-Dichloroethene
 Concen: 0.532 ug/L
 RT: 4.666 min Scan# 1182
 Delta R.T. -0.000 min
 Lab File: VU055197.D
 Acq: 07 Sep 2023 18:38

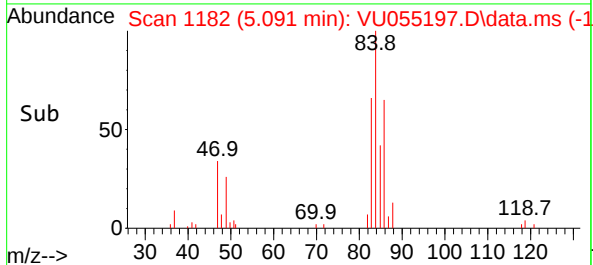
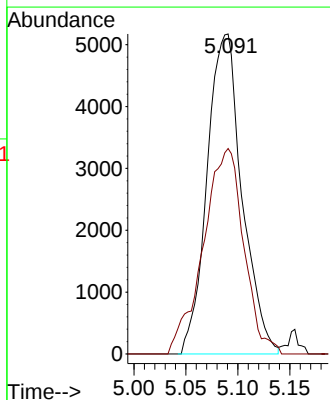
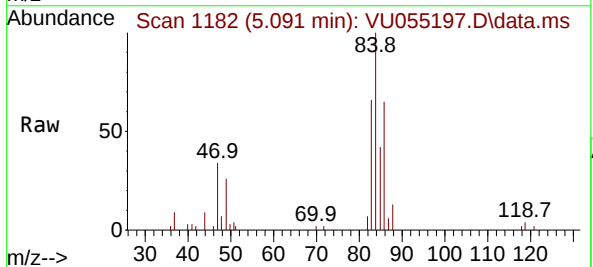
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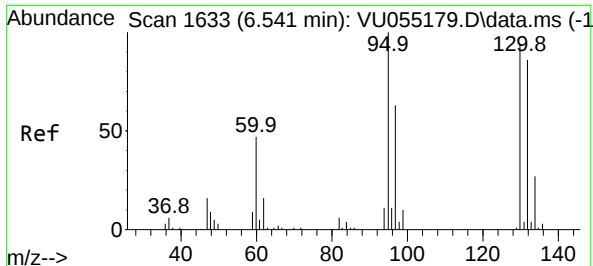
Tgt Ion:	96	Resp:	4959
Ion	Ratio	Lower	Upper
96	100		
61	139.2	97.2	180.4
98	60.3	46.1	85.7



#25
 Chloroform
 Concen: 0.707 ug/L
 RT: 5.091 min Scan# 1182
 Delta R.T. 0.006 min
 Lab File: VU055197.D
 Acq: 07 Sep 2023 18:38

Tgt Ion:	83	Resp:	12121
Ion	Ratio	Lower	Upper
83	100		
85	64.2	47.2	87.6

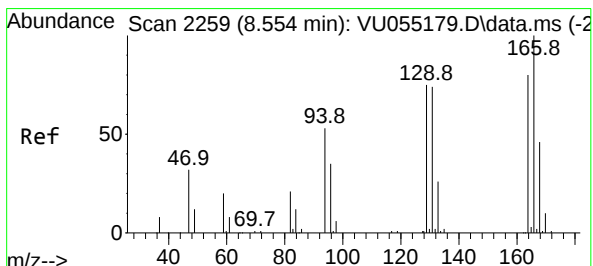
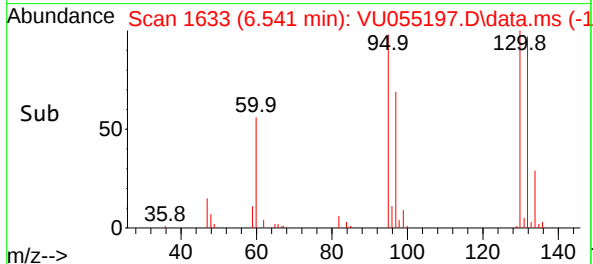
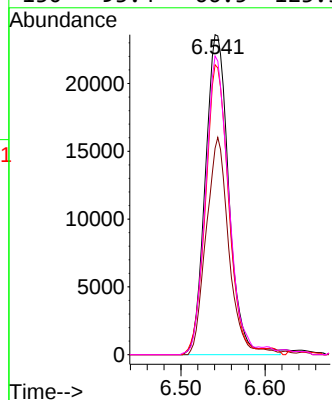
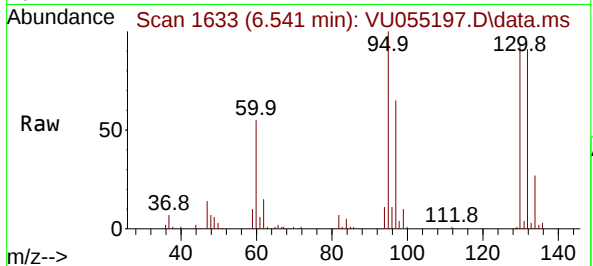




#34
Trichloroethene
Concen: 4.491 ug/L
RT: 6.541 min Scan# 1
Delta R.T. -0.000 min
Lab File: VU055197.D
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Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 45854
Ion Ratio Lower Upper
95 100
97 64.5 44.7 83.1
132 90.6 66.6 123.6
130 93.4 66.5 123.5



#47
Tetrachloroethene
Concen: 0.164 ug/L
RT: 8.557 min Scan# 2260
Delta R.T. 0.003 min
Lab File: VU055197.D
Acq: 07 Sep 2023 18:38

Tgt Ion: 164 Resp: 1154
Ion Ratio Lower Upper
164 100
129 84.1 69.2 128.6
131 0.0 68.8 127.8#
166 97.4 92.3 171.5

