

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100722\
 Data File : VU051266.D
 Acq On : 08 Oct 2022 11:28
 Operator : JC/MD
 Sample : N4931-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F5H70

Quant Time: Oct 08 23:49:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100722WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 08 05:40:36 2022
 Response via : Initial Calibration

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

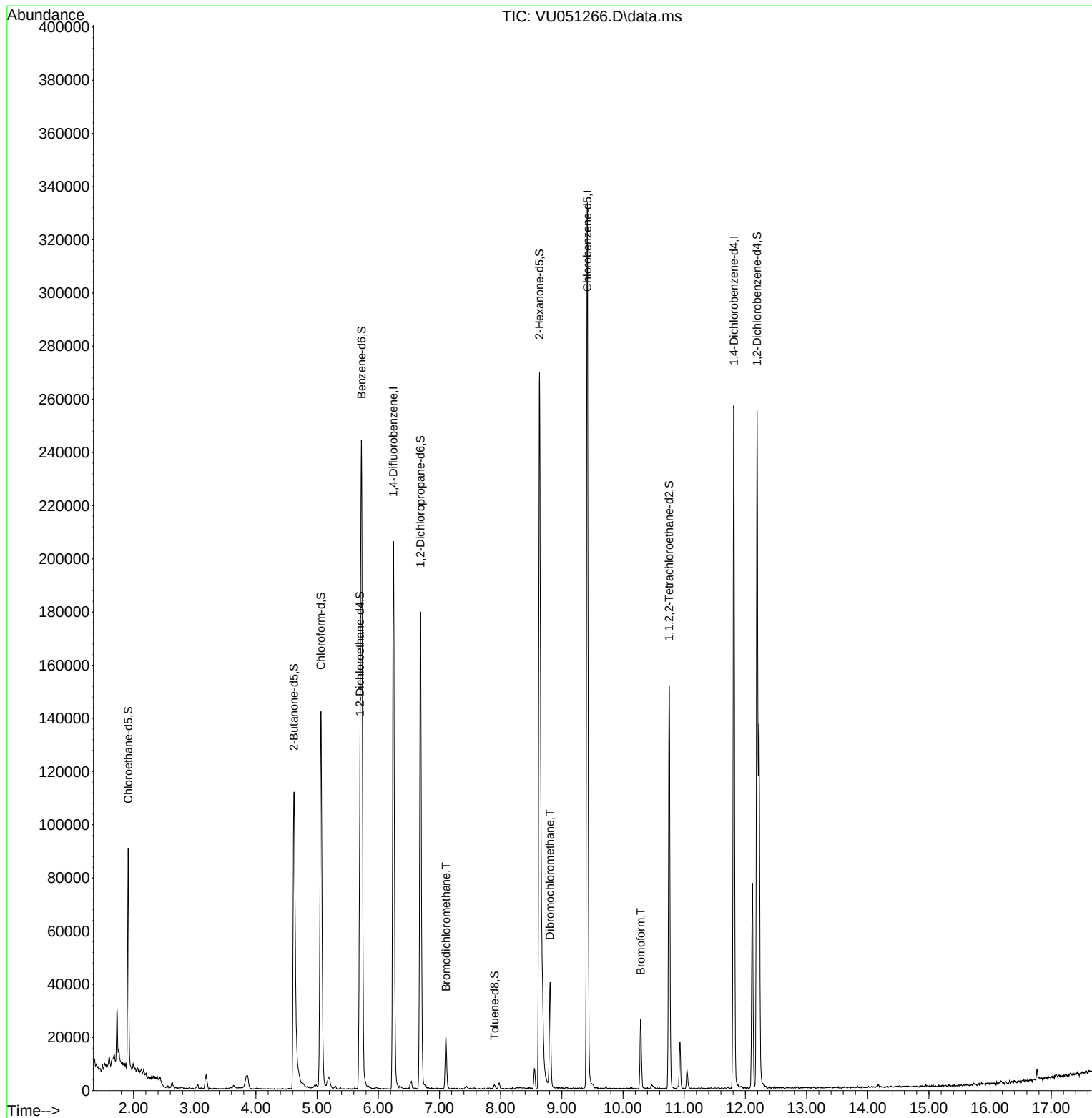
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	161809	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	186740	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	68257	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.912	69	59682	5.322	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.400%
11) 1,1-Dichloroethene-d2	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	60 - 125	Recovery	=	0.000%#
20) 2-Butanone-d5	4.620	46	159444	55.485	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.960%
24) Chloroform-d	5.060	84	135010	5.548	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.700	65	71914	5.731	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.600%
32) Benzene-d6	5.726	84	223002	4.341	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.800%
36) 1,2-Dichloropropane-d6	6.690	67	86913	4.982	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.600%
41) Toluene-d8	7.899	98	1417	0.031	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	0.600%#
43) trans-1,3-Dichloroprop...	0.000	79	0d	0.000	ug/L	
Spiked Amount	5.000	Range	55 - 130	Recovery	=	0.000%#
46) 2-Hexanone-d5	8.632	63	71016	36.761	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	73.520%
56) 1,1,2,2-Tetrachloroeth...	10.755	84	75388	5.409	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.200%
66) 1,2-Dichlorobenzene-d4	12.192	152	66772	5.628	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds						
					Qvalue	
38) Bromodichloromethane	7.105	83	13632	0.669	ug/L	94
49) Dibromochloromethane	8.806	129	20319	1.508	ug/L	97
59) Bromoform	10.288	173	11293	1.989	ug/L	98

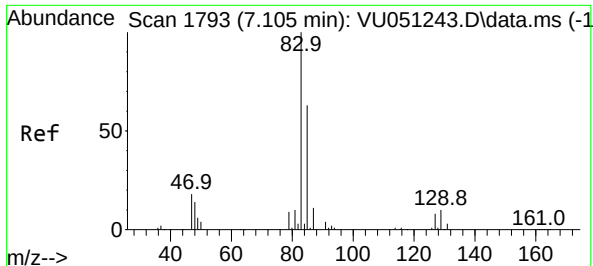
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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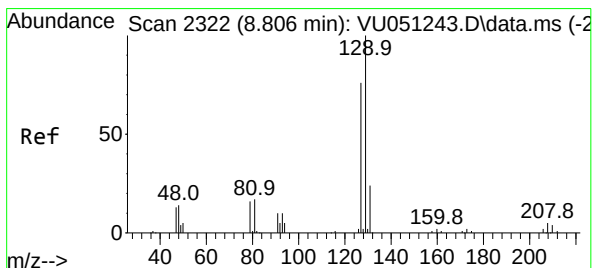
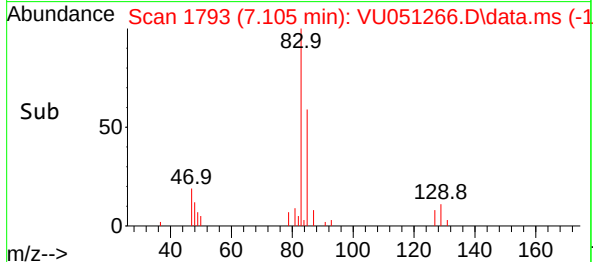
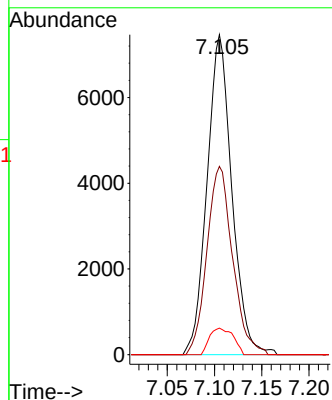
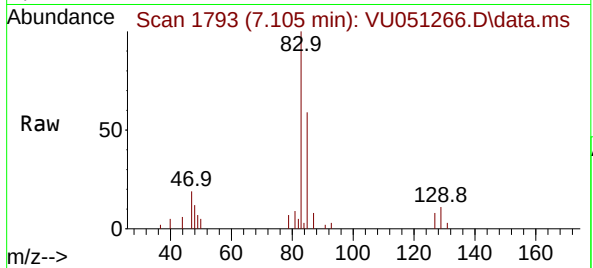




#38
Bromodichloromethane
Concen: 0.669 ug/L
RT: 7.105 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU051266.D
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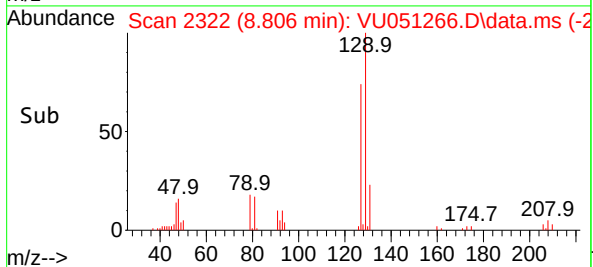
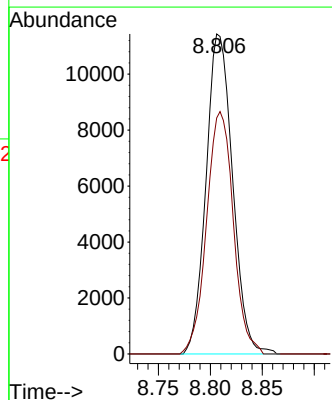
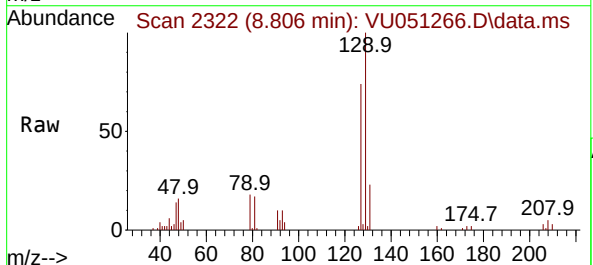
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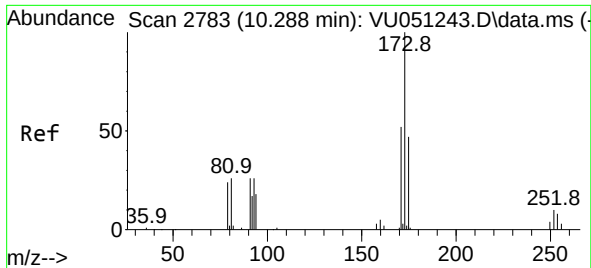
Tgt Ion: 83 Resp: 13632
Ion Ratio Lower Upper
83 100
85 58.9 44.8 83.2
127 8.3 7.0 10.6



#49
Dibromochloromethane
Concen: 1.508 ug/L
RT: 8.806 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VU051266.D
Acq: 08 Oct 2022 11:28

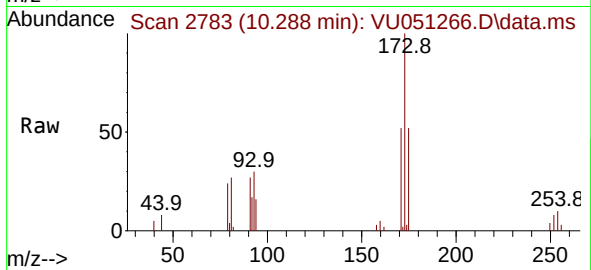
Tgt Ion: 129 Resp: 20319
Ion Ratio Lower Upper
129 100
127 73.8 53.5 99.3





#59
 Bromoform
 Concen: 1.989 ug/L
 RT: 10.288 min Scan# 21
 Delta R.T. -0.000 min
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Tgt Ion:	173	Resp:	11293
Ion	Ratio	Lower	Upper
173	100		
175	50.1	39.0	58.4
254	8.9	7.5	11.3

