

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054952.D
 Acq On : 29 Aug 2023 13:21
 Operator : MD/SY
 Sample : 04158-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AQ8

Quant Time: Aug 29 22:29:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR082823WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Aug 29 22:22:50 2023
 Response via : Initial Calibration

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

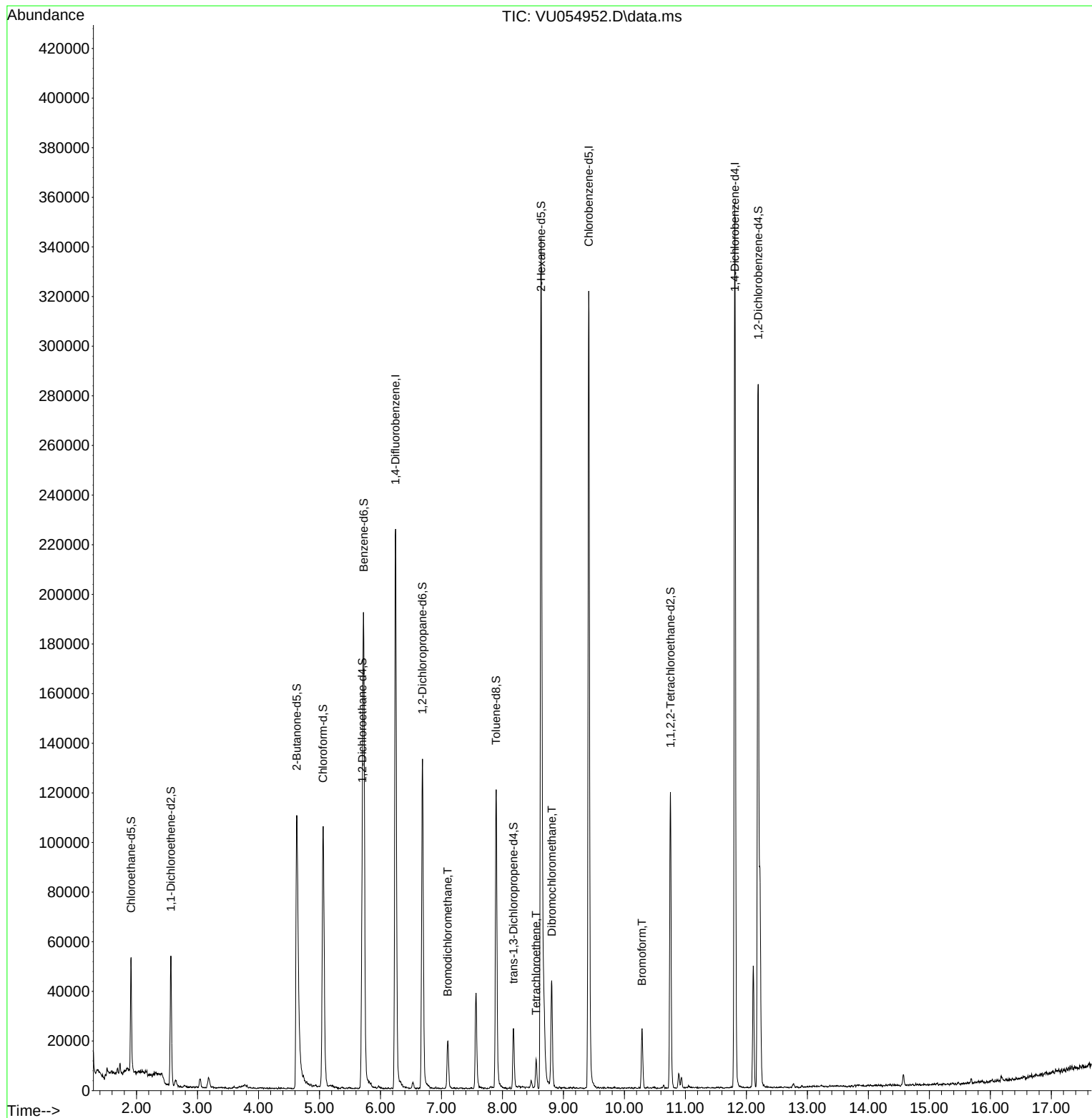
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	182120	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	173186	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88442	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.911	69	32172	4.332	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	9448	2.908	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.200%#
20) 2-Butanone-d5	4.628	46	172732	55.671	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.340%
24) Chloroform-d	5.058	84	97601	4.577	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.600%
26) 1,2-Dichloroethane-d4	5.701	65	55278	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.724	84	176115	4.524	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	63769	4.657	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	83813	2.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	45.000%#
43) trans-1,3-Dichloroprop...	8.180	79	13996	3.106	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.200%
46) 2-Hexanone-d5	8.634	63	112558	52.630	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.260%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	57681	4.913	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.200%
66) 1,2-Dichlorobenzene-d4	12.193	152	69193	4.900	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.000%
Target Compounds						
					Qvalue	
38) Bromodichloromethane	7.103	83	13239	0.937	ug/L	100
47) Tetrachloroethene	8.553	164	2492	0.306	ug/L	96
49) Dibromochloromethane	8.807	129	20230	2.272	ug/L	86
59) Bromoform	10.286	173	9922	2.258	ug/L	96

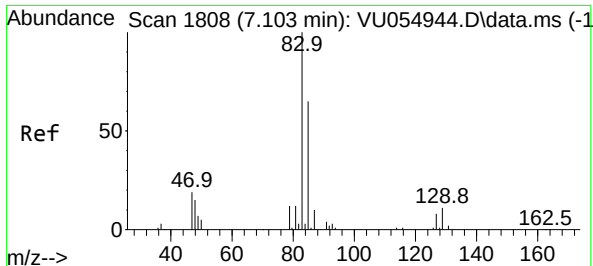
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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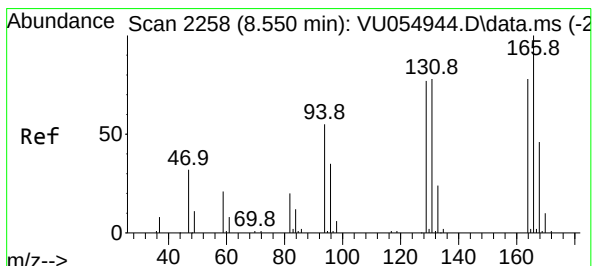
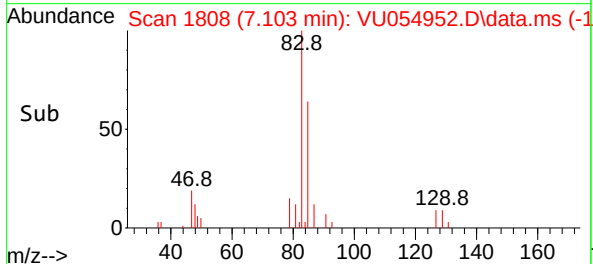
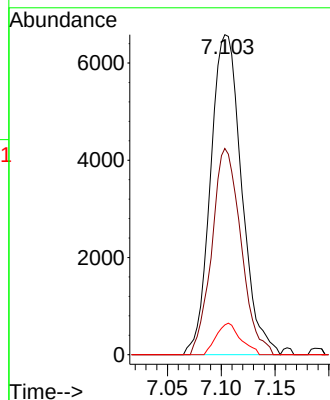
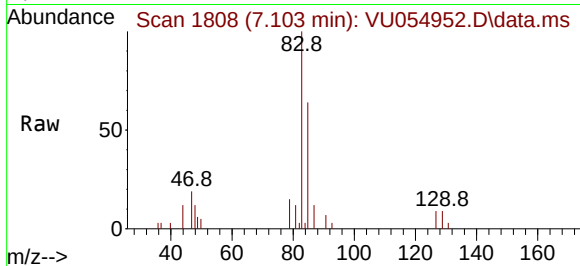




#38
Bromodichloromethane
Concen: 0.937 ug/L
RT: 7.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU054952.D
Acq: 29 Aug 2023 13:21

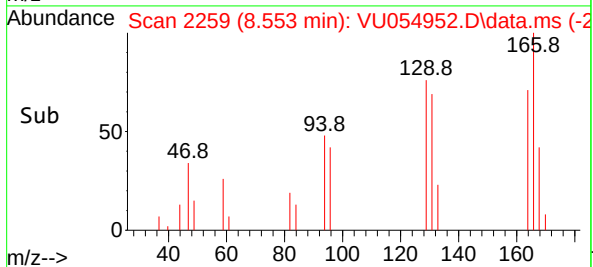
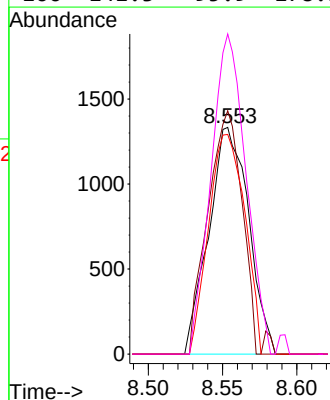
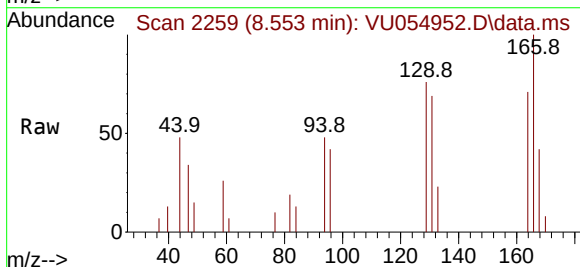
Instrument :
MSVOA_U
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C0AQ8

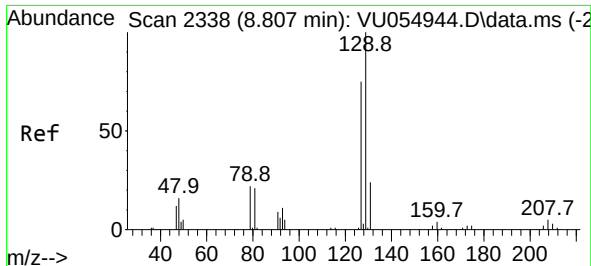
Tgt Ion:	83	Resp:	13239
Ion	Ratio	Lower	Upper
83	100		
85	64.5	45.1	83.7
127	9.3	7.1	10.7



#47
Tetrachloroethene
Concen: 0.306 ug/L
RT: 8.553 min Scan# 2259
Delta R.T. 0.003 min
Lab File: VU054952.D
Acq: 29 Aug 2023 13:21

Tgt Ion:	164	Resp:	2492
Ion	Ratio	Lower	Upper
164	100		
129	107.4	72.8	135.2
131	96.9	70.7	131.3
166	141.3	95.9	178.1





#49

Dibromochloromethane

Concen: 2.272 ug/L

RT: 8.807 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054952.D

Acq: 29 Aug 2023 13:21

Instrument :

MSVOA_U

ClientSampleId :

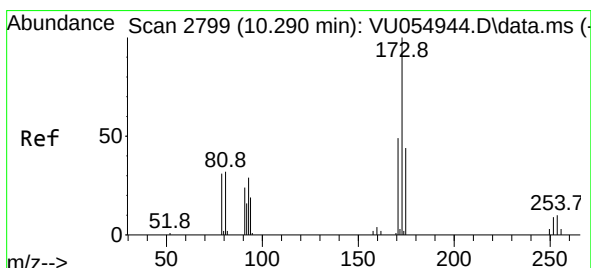
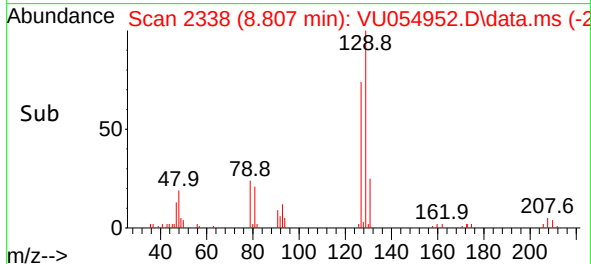
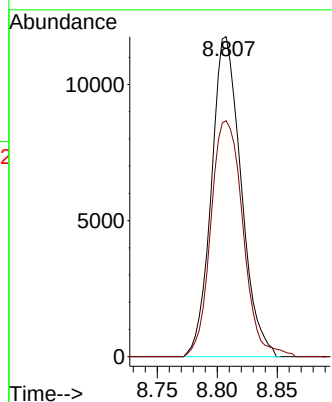
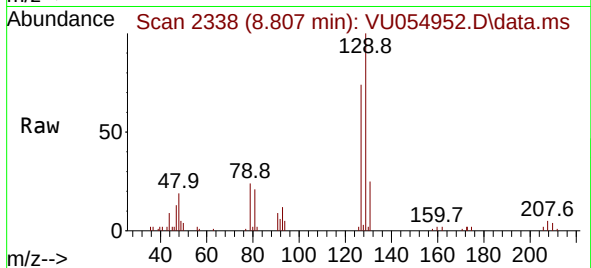
C0AQ8

Tgt Ion:129 Resp: 20230

Ion Ratio Lower Upper

129 100

127 73.8 60.5 112.5



#59

Bromoform

Concen: 2.258 ug/L

RT: 10.286 min Scan# 2798

Delta R.T. -0.003 min

Lab File: VU054952.D

Acq: 29 Aug 2023 13:21

Tgt Ion:173 Resp: 9922

Ion Ratio Lower Upper

173 100

175 48.2 40.8 61.2

254 9.6 6.8 10.2

