

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU082923\
 Data File : VU054954.D
 Acq On : 29 Aug 2023 14:07
 Operator : MD/SY
 Sample : 04158-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COAR0

Quant Time: Aug 29 22:29:38 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)

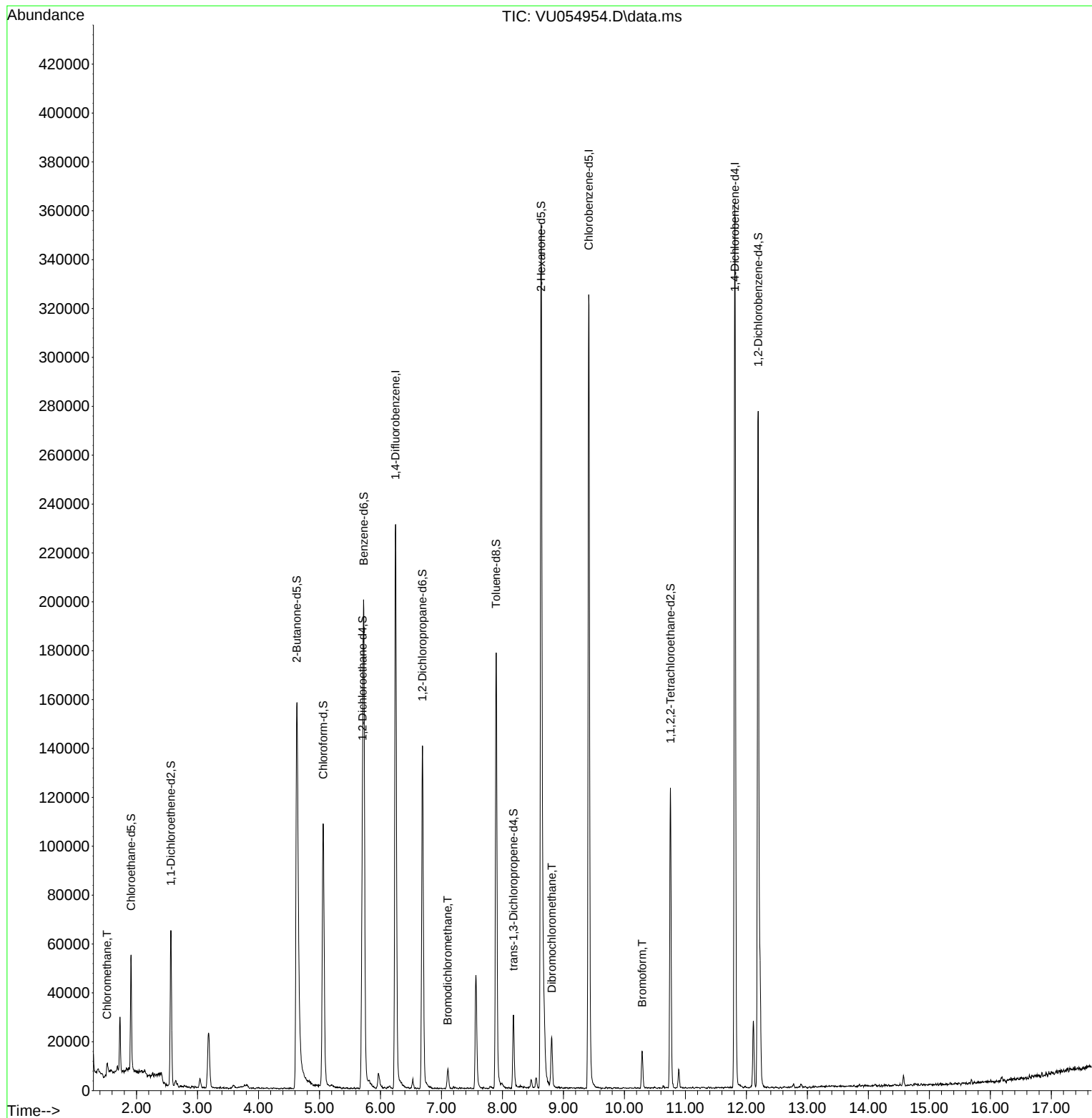
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	186071	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	177080	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	90111	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	0.000	65	0d	0.000	ug/L	
Spiked Amount	5.000	Range	40 - 130	Recovery	=	0.000%#
7) Chloroethane-d5	1.911	69	32840	4.328	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.600%
11) 1,1-Dichloroethene-d2	2.563	65	12522	3.773	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.628	46	179932	56.760	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.520%
24) Chloroform-d	5.062	84	99150	4.551	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.000%
26) 1,2-Dichloroethane-d4	5.705	65	57201	4.934	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.600%
32) Benzene-d6	5.727	84	179772	4.516	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
36) 1,2-Dichloropropane-d6	6.689	67	65270	4.662	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.200%
41) Toluene-d8	7.897	98	123926	3.251	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	65.000%#
43) trans-1,3-Dichloroprop...	8.180	79	17102	3.712	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.200%
46) 2-Hexanone-d5	8.634	63	119143	54.484	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.960%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	59061	4.920	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.400%
66) 1,2-Dichlorobenzene-d4	12.193	152	70339	4.889	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.518	50	3181	0.264	ug/L	95
38) Bromodichloromethane	7.103	83	5532	0.383	ug/L	98
49) Dibromochloromethane	8.807	129	10251	1.126	ug/L	94
59) Bromoform	10.293	173	6250	1.396	ug/L	98

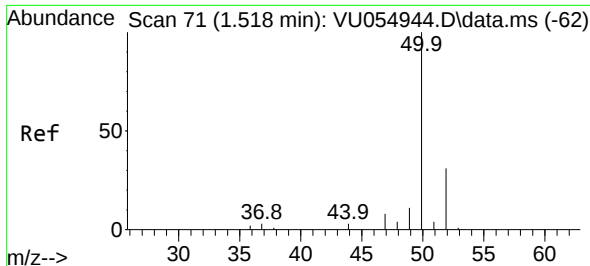
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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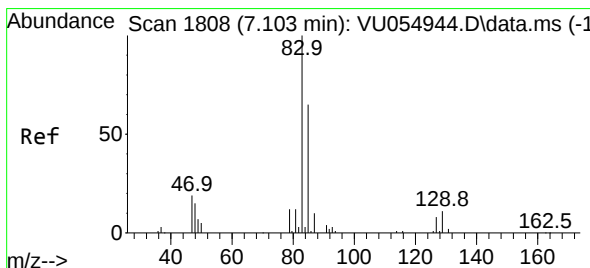
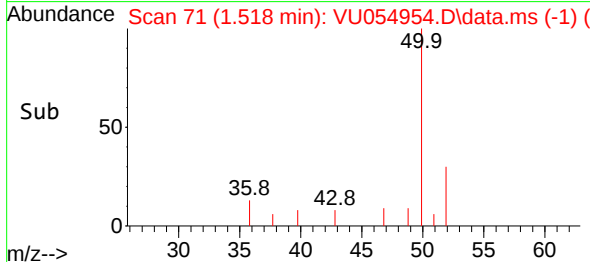
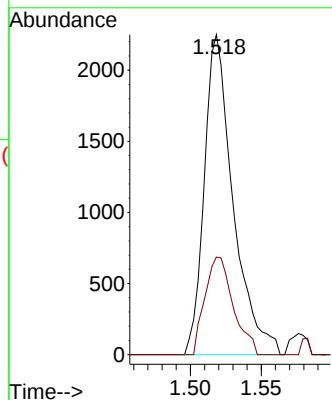
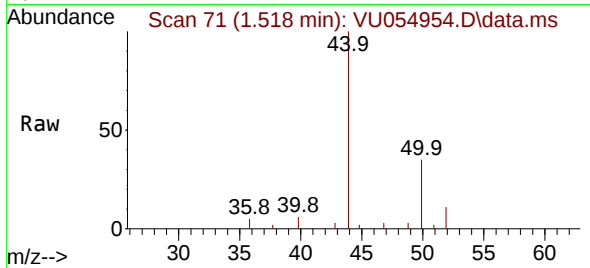




#3
Chloromethane
Concen: 0.264 ug/L
RT: 1.518 min Scan# 71
Delta R.T. 0.000 min
Lab File: VU054954.D
Acq: 29 Aug 2023 14:07

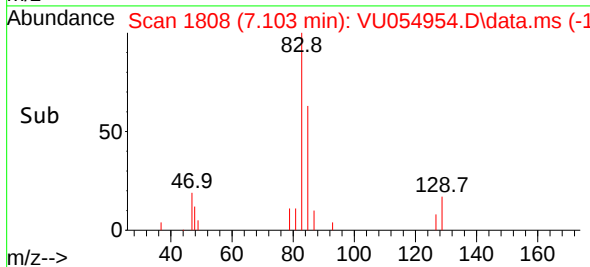
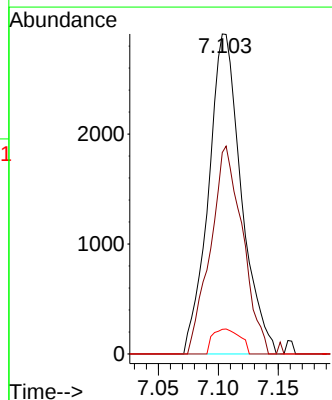
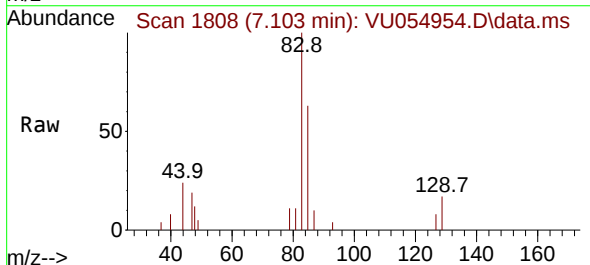
Instrument :
MSVOA_U
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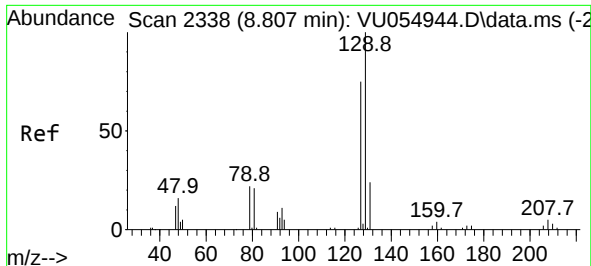
Tgt Ion: 50 Resp: 3181
Ion Ratio Lower Upper
50 100
52 30.5 23.4 43.6



#38
Bromodichloromethane
Concen: 0.383 ug/L
RT: 7.103 min Scan# 1808
Delta R.T. 0.000 min
Lab File: VU054954.D
Acq: 29 Aug 2023 14:07

Tgt Ion: 83 Resp: 5532
Ion Ratio Lower Upper
83 100
85 63.0 45.1 83.7
127 7.7 7.1 10.7





#49

Dibromochloromethane

Concen: 1.126 ug/L

RT: 8.807 min Scan# 21

Delta R.T. 0.000 min

Lab File: VU054954.D

Acq: 29 Aug 2023 14:07

Instrument :

MSVOA_U

ClientSampleId :

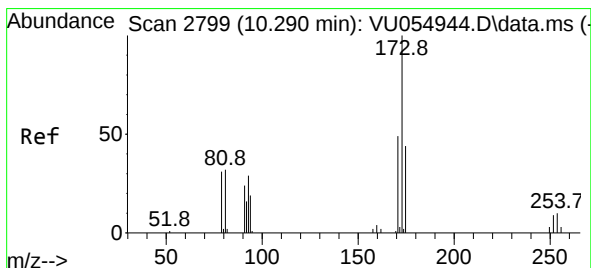
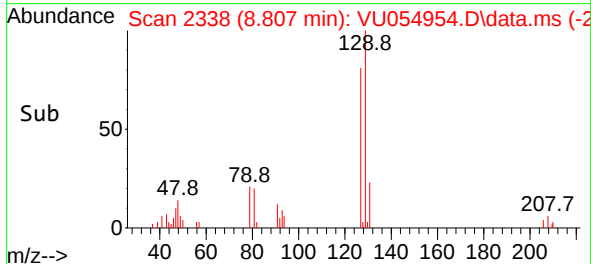
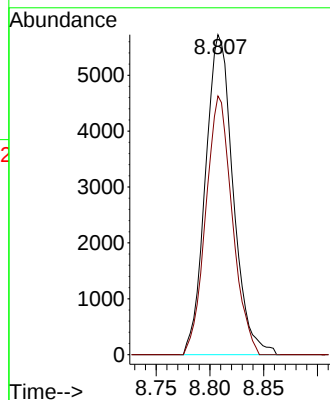
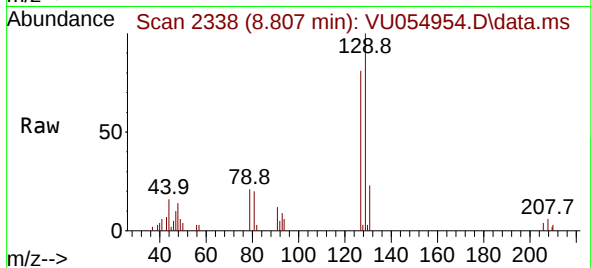
C0AR0

Tgt Ion:129 Resp: 10251

Ion Ratio Lower Upper

129 100

127 80.9 60.5 112.5



#59

Bromoform

Concen: 1.396 ug/L

RT: 10.293 min Scan# 2800

Delta R.T. 0.003 min

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Acq: 29 Aug 2023 14:07

Tgt Ion:173 Resp: 6250

Ion Ratio Lower Upper

173 100

175 49.2 40.8 61.2

254 8.3 6.8 10.2

