

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090723\
 Data File : VU055202.D
 Acq On : 07 Sep 2023 20:39
 Operator : MD/SY
 Sample : 04307-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4H0

Quant Time: Sep 08 05:11:22 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)

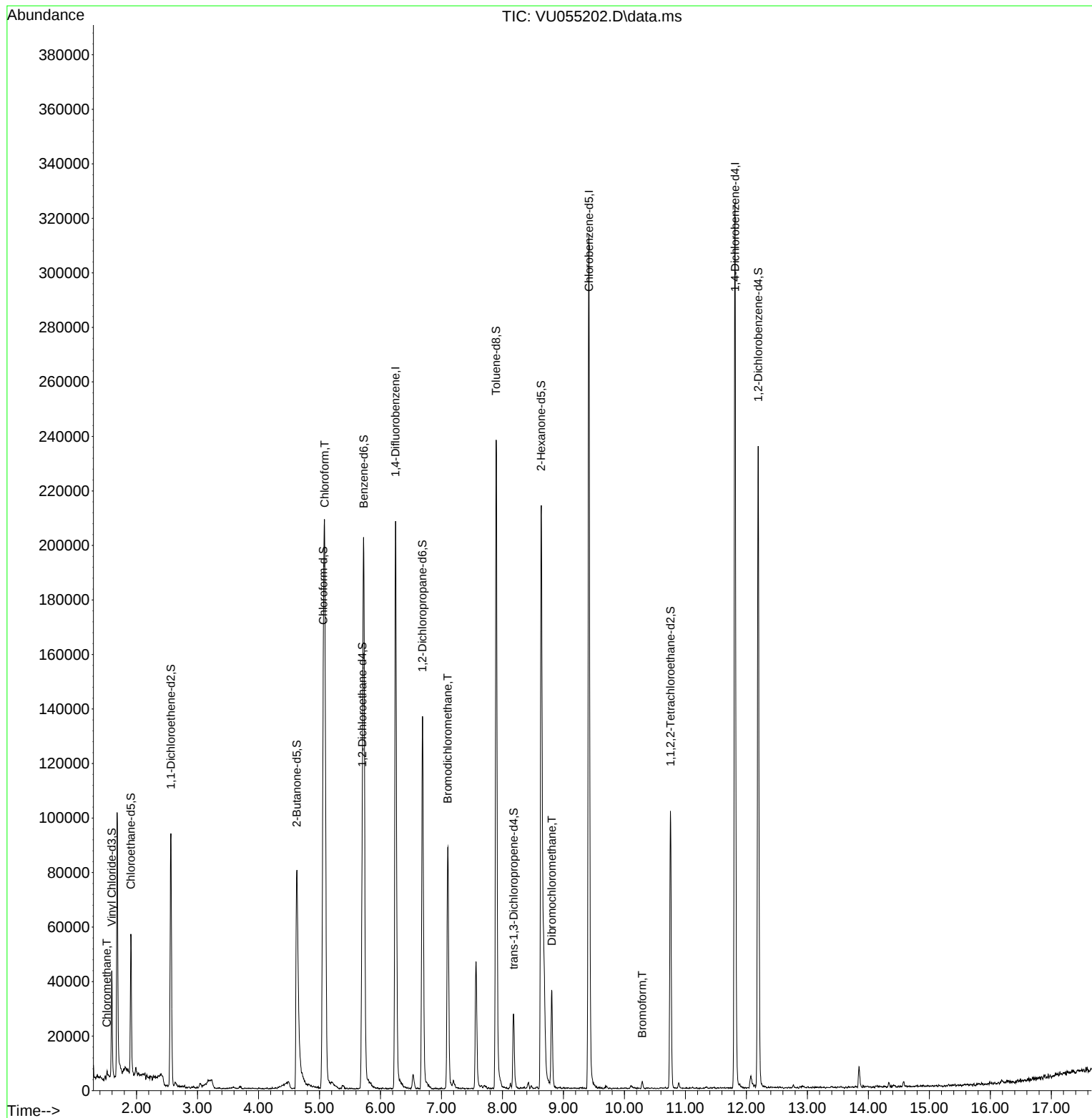
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159099	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.418	117	171376	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.814	152	80659	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	27970	3.751	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.000%
7) Chloroethane-d5	1.907	69	36589	4.239	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.800%
11) 1,1-Dichloroethene-d2	2.563	65	18176	4.278	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.600%
20) 2-Butanone-d5	4.627	46	128238	59.263	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.520%
24) Chloroform-d	5.061	84	106277	5.371	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.400%
26) 1,2-Dichloroethane-d4	5.701	65	52919	5.346	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.000%
32) Benzene-d6	5.727	84	184275	4.356	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.200%
36) 1,2-Dichloropropane-d6	6.688	67	64441	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.897	98	158863	4.077	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	8.184	79	15007	4.050	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.000%
46) 2-Hexanone-d5	8.634	63	65621	43.623	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.240%
56) 1,1,2,2-Tetrachloroeth...	10.756	84	50924	5.382	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.600%
66) 1,2-Dichlorobenzene-d4	12.193	152	58851	4.999	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.000%
Target Compounds						Qvalue
3) Chloromethane	1.515	50	1838	0.195	ug/L #	68
25) Chloroform	5.087	83	155646	9.266	ug/L	98
38) Bromodichloromethane	7.103	83	59354	5.006	ug/L	99
49) Dibromochloromethane	8.807	129	17463	2.392	ug/L	94
59) Bromoform	10.290	173	1124	0.349	ug/L #	90

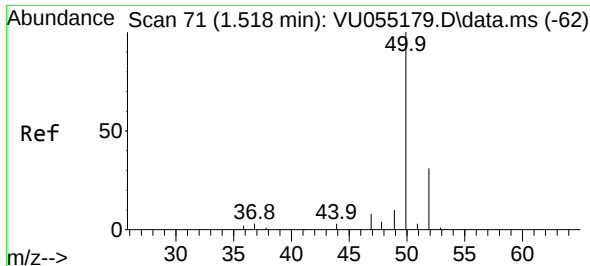
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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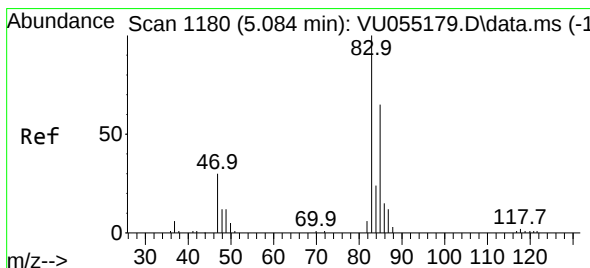
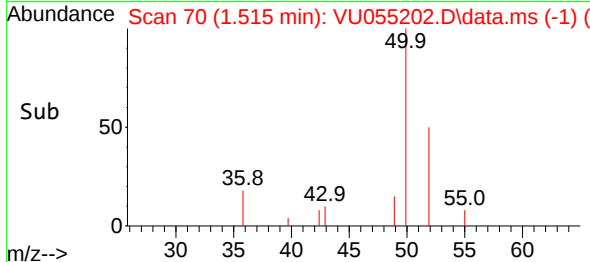
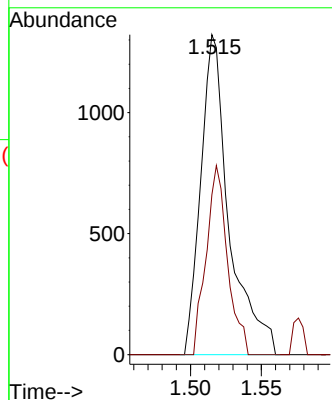
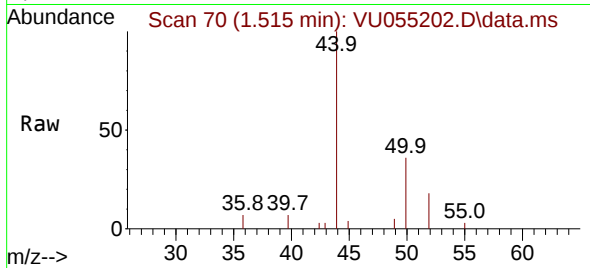




#3
Chloromethane
Concen: 0.195 ug/L
RT: 1.515 min Scan# 70
Delta R.T. -0.003 min
Lab File: VU055202.D
Acq: 07 Sep 2023 20:39

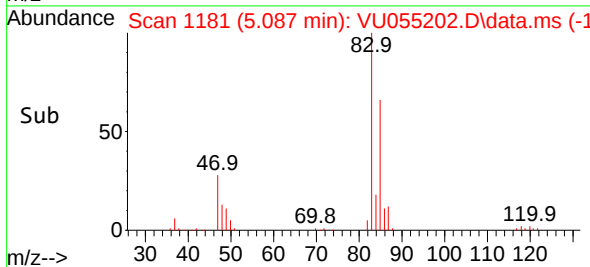
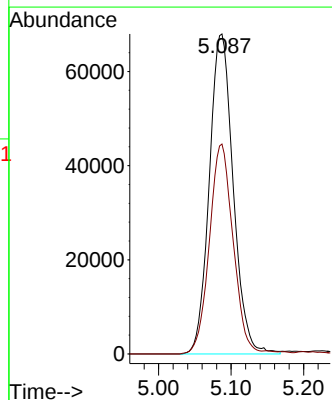
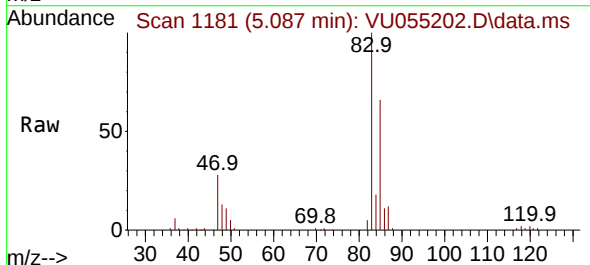
Instrument :
MSVOA_U
ClientSampleId :
BH4H0

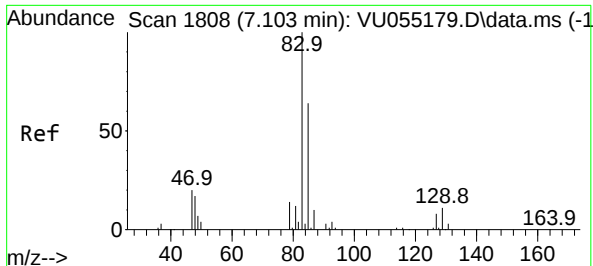
Tgt Ion: 50 Resp: 1838
Ion Ratio Lower Upper
50 100
52 49.9 22.5 41.7#



#25
Chloroform
Concen: 9.266 ug/L
RT: 5.087 min Scan# 1181
Delta R.T. 0.003 min
Lab File: VU055202.D
Acq: 07 Sep 2023 20:39

Tgt Ion: 83 Resp: 155646
Ion Ratio Lower Upper
83 100
85 65.6 47.2 87.6

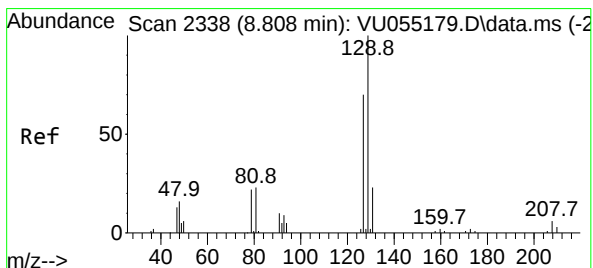
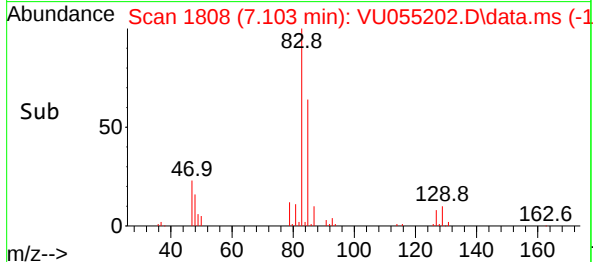
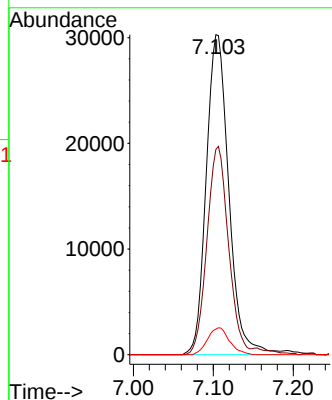
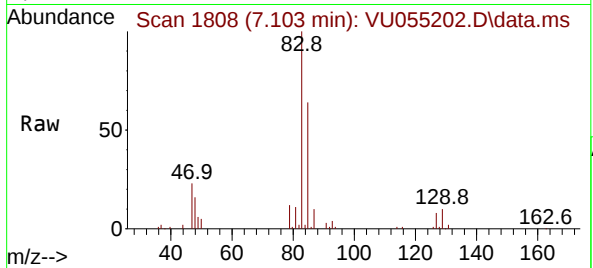




#38
Bromodichloromethane
Concen: 5.006 ug/L
RT: 7.103 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU055202.D
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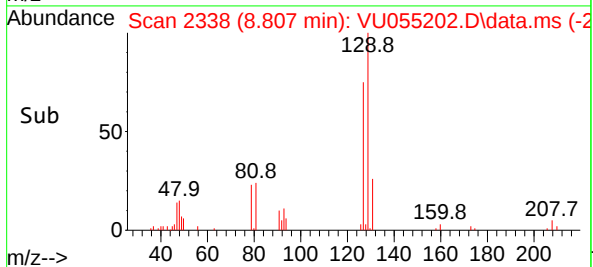
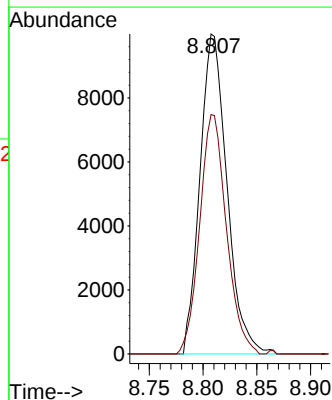
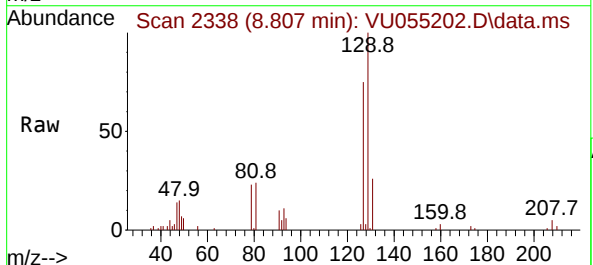
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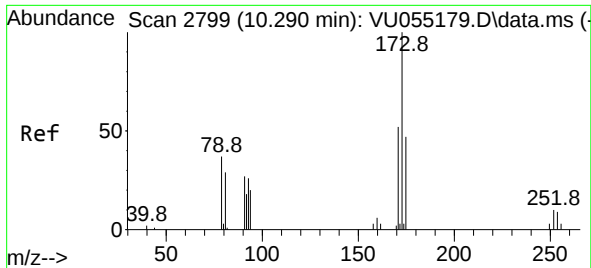
Tgt Ion: 83 Resp: 59354
Ion Ratio Lower Upper
83 100
85 64.1 44.9 83.5
127 8.0 7.8 11.8



#49
Dibromochloromethane
Concen: 2.392 ug/L
RT: 8.807 min Scan# 2338
Delta R.T. -0.000 min
Lab File: VU055202.D
Acq: 07 Sep 2023 20:39

Tgt Ion: 129 Resp: 17463
Ion Ratio Lower Upper
129 100
127 74.8 55.9 103.7





#59

Bromoform

Concen: 0.349 ug/L

RT: 10.290 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU055202.D

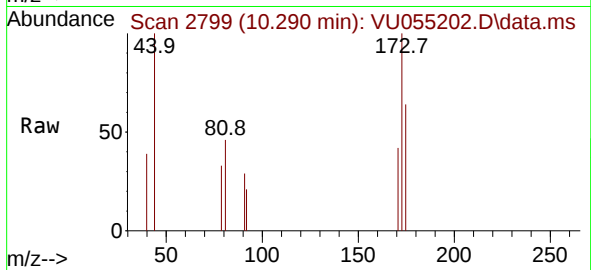
Acq: 07 Sep 2023 20:39

Instrument :

MSVOA_U

ClientSampleId :

BH4H0



Tgt Ion:173 Resp: 1124

Ion Ratio Lower Upper

173 100

175 56.2 40.9 61.3

254 0.0 7.0 10.4#

