

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112823\
 Data File : VU056624.D
 Acq On : 28 Nov 2023 12:53
 Operator : MD/SY
 Sample : 05554-04
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B29

Quant Time: Nov 28 23:49:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111323WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Nov 28 23:48:06 2023
 Response via : Initial Calibration

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

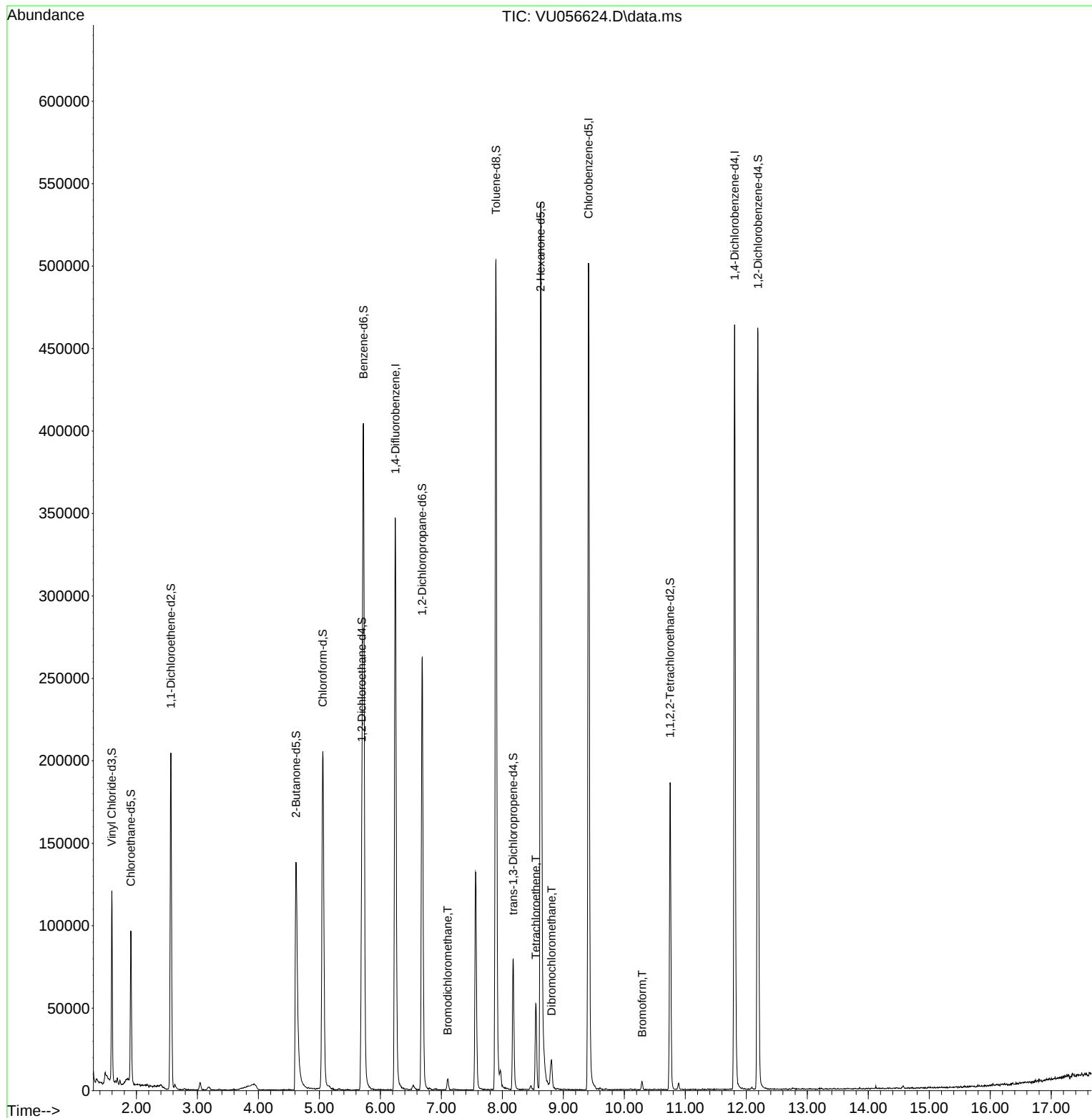
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	282639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	287298	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	124569	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	80443	3.805	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	76.200%	
7) Chloroethane-d5	1.908	69	70071	4.323	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	86.400%	
11) 1,1-Dichloroethene-d2	2.563	65	40037	4.291	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	85.800%	
20) 2-Butanone-d5	4.615	46	222956	52.890	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	105.780%	
24) Chloroform-d	5.055	84	201593	4.930	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	98.600%	
26) 1,2-Dichloroethane-d4	5.695	65	101886	5.392	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	107.800%	
32) Benzene-d6	5.721	84	391048	4.568	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	91.400%	
36) 1,2-Dichloropropane-d6	6.682	67	127866	4.956	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	99.200%	
41) Toluene-d8	7.894	98	353036	4.671	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.400%	
43) trans-1,3-Dichloroprop...	8.177	79	50153	5.069	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	101.400%	
46) 2-Hexanone-d5	8.628	63	189902	48.841	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	97.680%	
56) 1,1,2,2-Tetrachloroeth...	10.750	84	92263	5.005	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	100.200%	
66) 1,2-Dichlorobenzene-d4	12.190	152	123740	5.377	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	107.600%	
Target Compounds						
38) Bromodichloromethane	7.103	83	5234	0.190	ug/L #	89
47) Tetrachloroethene	8.547	164	11978	0.795	ug/L	97
49) Dibromochloromethane	8.804	129	7361	0.455	ug/L	96
59) Bromoform	10.290	173	2251	0.290	ug/L #	94

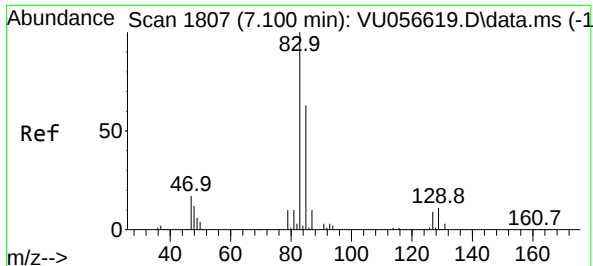
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#38

Bromodichloromethane

Concen: 0.190 ug/L

RT: 7.103 min Scan# 11

Delta R.T. 0.003 min

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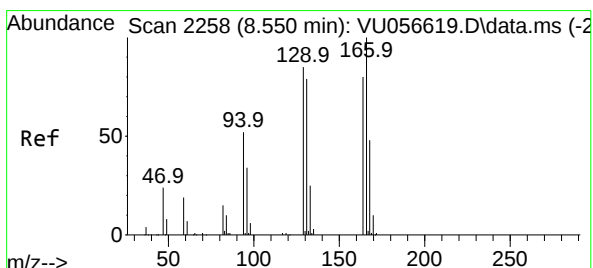
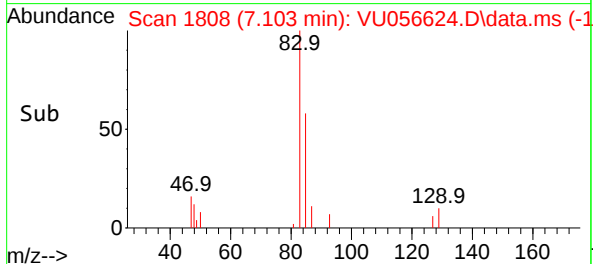
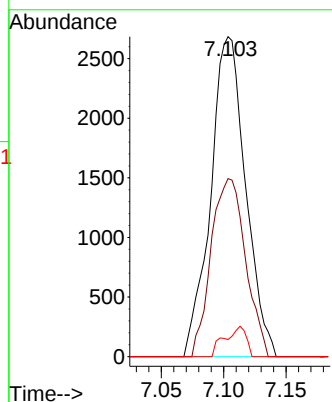
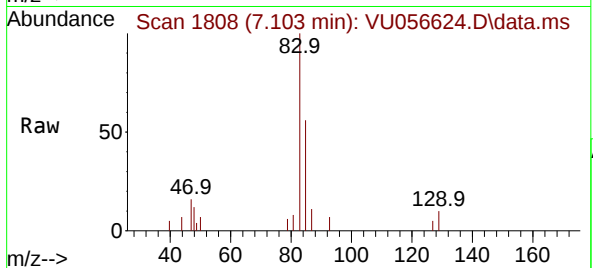
Tgt Ion: 83 Resp: 5234

Ion Ratio Lower Upper

83 100

85 55.6 44.9 83.5

127 5.3 6.9 10.3#



#47

Tetrachloroethene

Concen: 0.795 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.003 min

Lab File: VU056624.D

Acq: 28 Nov 2023 12:53

Tgt Ion:164 Resp: 11978

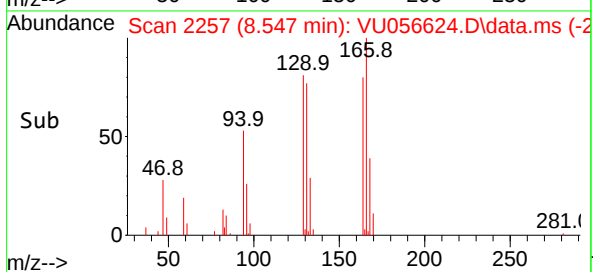
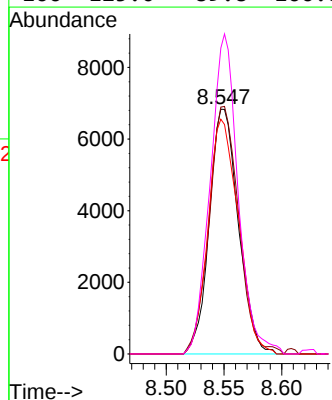
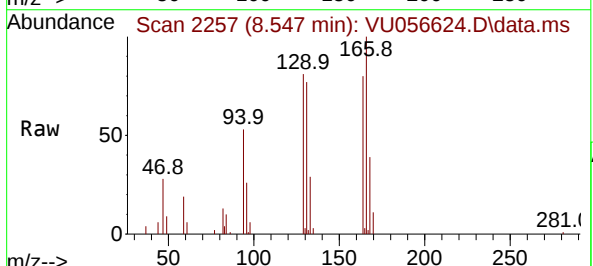
Ion Ratio Lower Upper

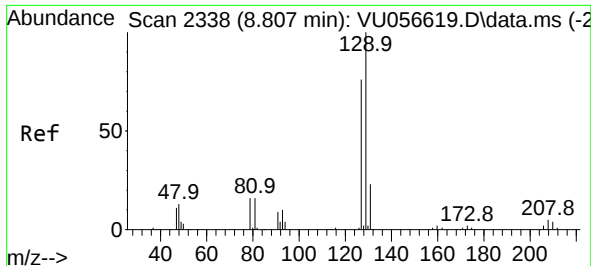
164 100

129 100.8 71.0 131.9

131 95.9 70.3 130.7

166 125.0 89.8 166.8

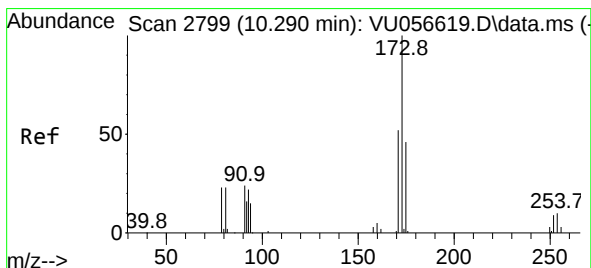
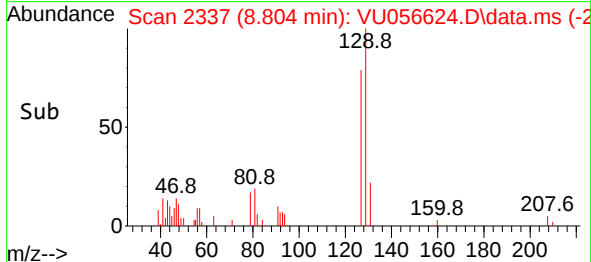
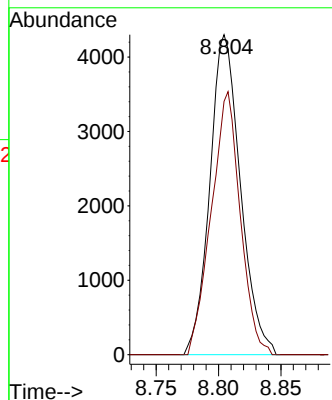
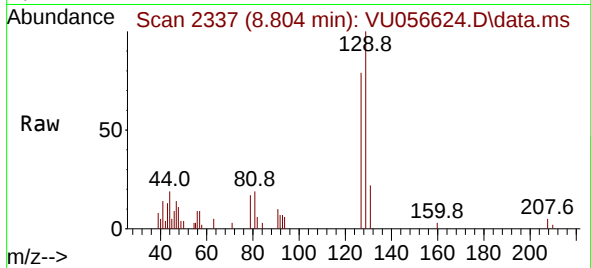




#49
Dibromochloromethane
Concen: 0.455 ug/L
RT: 8.804 min Scan# 21
Delta R.T. -0.003 min
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Tgt Ion:129 Resp: 7361
Ion Ratio Lower Upper
129 100
127 79.2 52.9 98.3



#59
Bromoform
Concen: 0.290 ug/L
RT: 10.290 min Scan# 2799
Delta R.T. 0.000 min
Lab File: VU056624.D
Acq: 28 Nov 2023 12:53

Tgt Ion:173 Resp: 2251
Ion Ratio Lower Upper
173 100
175 46.5 38.9 58.3
254 0.9 6.7 10.1#

