

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110823\
 Data File : VU056128.D
 Acq On : 08 Nov 2023 16:54
 Operator : MD/SY
 Sample : 05297-03
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B23

Quant Time: Nov 08 20:53:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR110723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 08 20:49:31 2023
 Response via : Initial Calibration

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

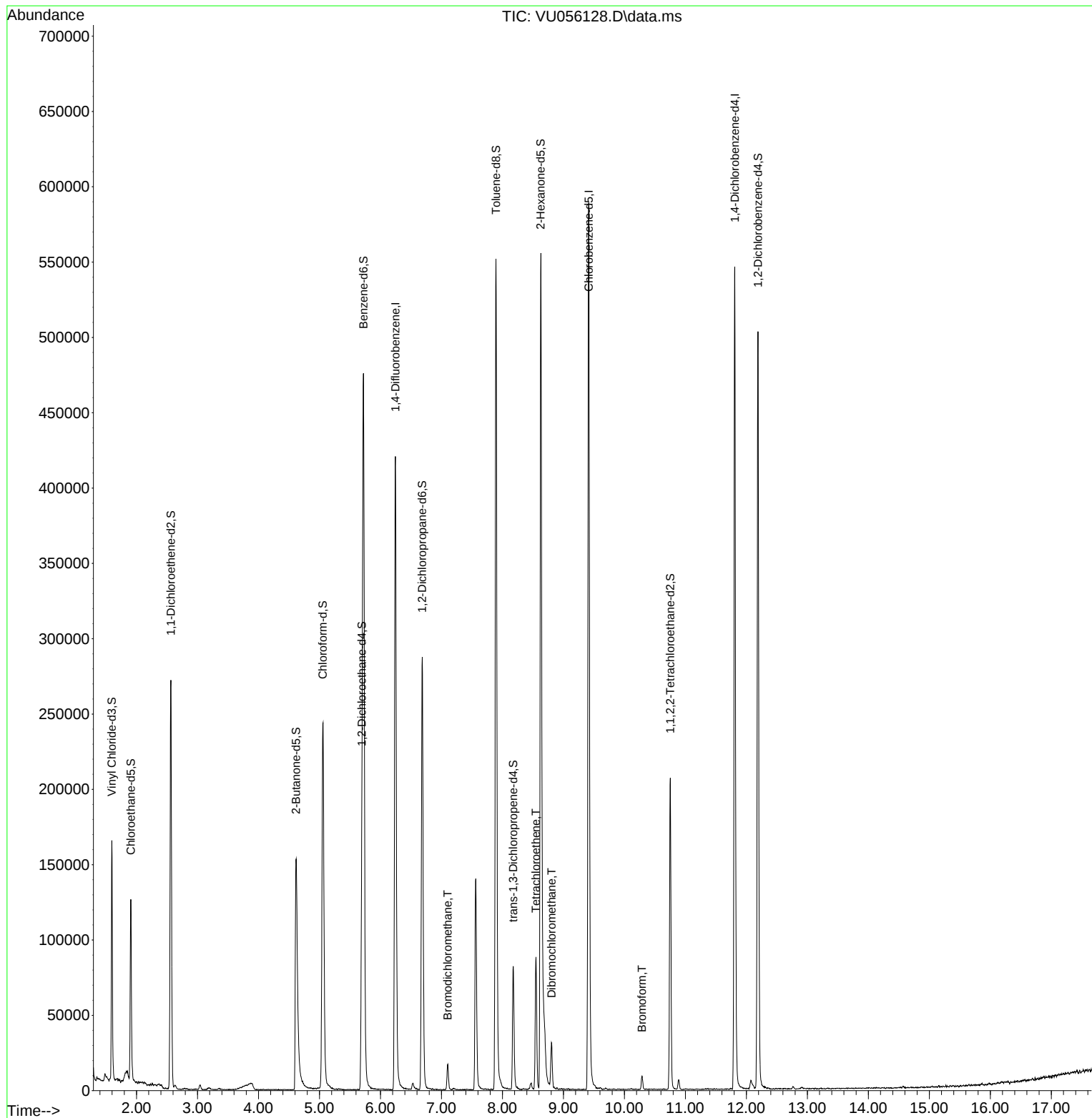
Internal Standards							
1) 1,4-Difluorobenzene		6.245	114	359234	5.000	ug/L	0.00
28) Chlorobenzene-d5		9.415	117	363366	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4		11.810	152	155746	5.000	ug/L	0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3		1.595	65	116276	5.215	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.200%	
7) Chloroethane-d5		1.907	69	96726	6.392	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	127.800%	
11) 1,1-Dichloroethene-d2		2.563	65	51759	5.269	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	105.400%	
20) 2-Butanone-d5		4.618	46	237547	64.938	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	129.880%	
24) Chloroform-d		5.055	84	238759	5.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	112.600%	
26) 1,2-Dichloroethane-d4		5.695	65	110995	5.939	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.800%	
32) Benzene-d6		5.721	84	469857	5.384	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.600%	
36) 1,2-Dichloropropane-d6		6.685	67	146027	5.684	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.600%	
41) Toluene-d8		7.894	98	400968	5.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.200%	
43) trans-1,3-Dichloroprop...		8.177	79	49964	5.088	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.800%	
46) 2-Hexanone-d5		8.627	63	187636	58.298	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.600%	
56) 1,1,2,2-Tetrachloroeth...		10.753	84	104897	5.721	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.400%	
66) 1,2-Dichlorobenzene-d4		12.190	152	143078	5.957	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	119.200%	
Target Compounds							
38) Bromodichloromethane		7.103	83	11643	0.345	ug/L	88
47) Tetrachloroethene		8.550	164	19718	0.924	ug/L	91
49) Dibromochloromethane		8.804	129	14716	0.693	ug/L	92
59) Bromoform		10.286	173	4526	0.418	ug/L #	92

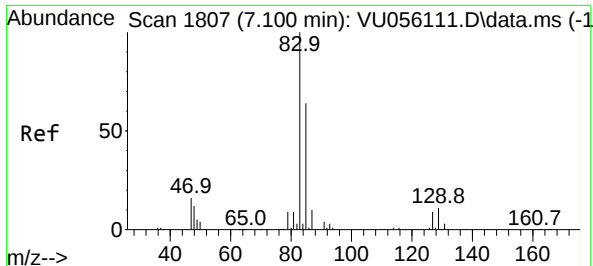
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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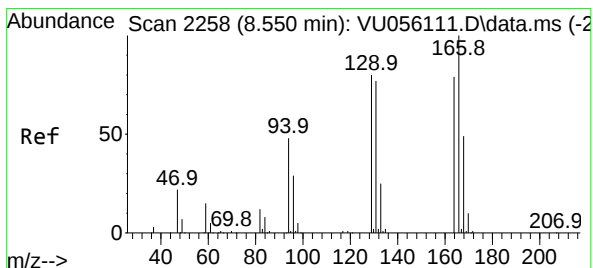
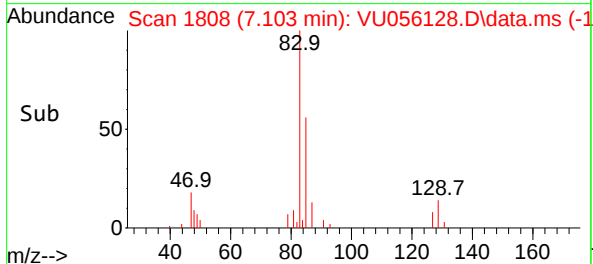
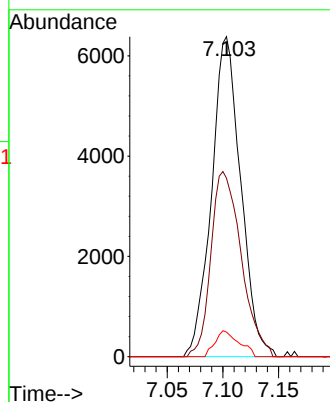
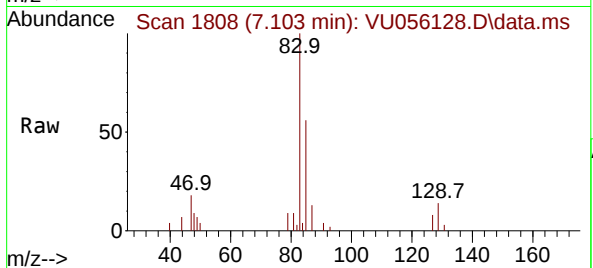




#38
Bromodichloromethane
Concen: 0.345 ug/L
RT: 7.103 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

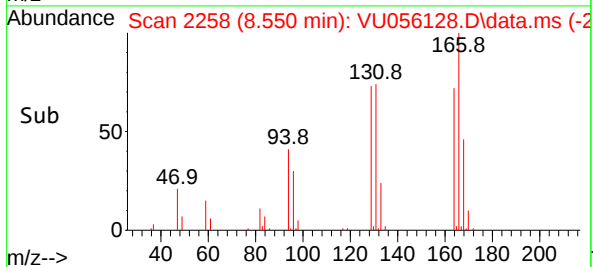
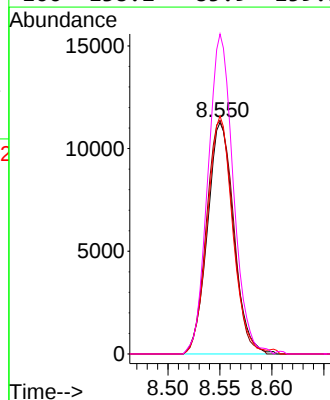
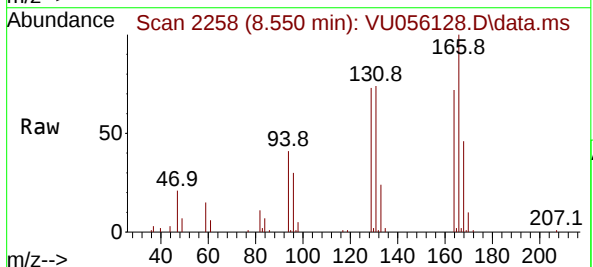
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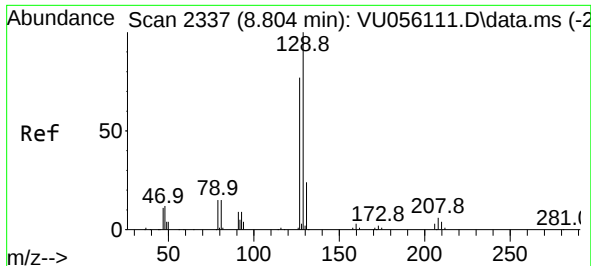
Tgt Ion: 83 Resp: 11643
Ion Ratio Lower Upper
83 100
85 55.8 46.6 86.6
127 7.7 7.3 10.9



#47
Tetrachloroethene
Concen: 0.924 ug/L
RT: 8.550 min Scan# 2258
Delta R.T. -0.000 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Tgt Ion: 164 Resp: 19718
Ion Ratio Lower Upper
164 100
129 100.9 66.6 123.8
131 102.8 67.8 126.0
166 138.2 85.9 159.5

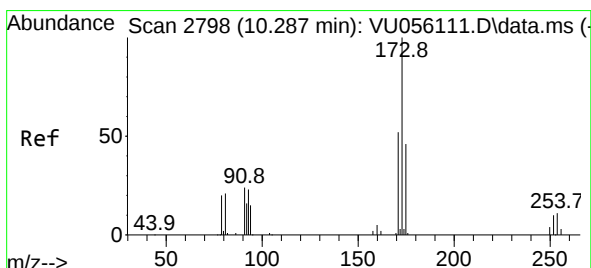
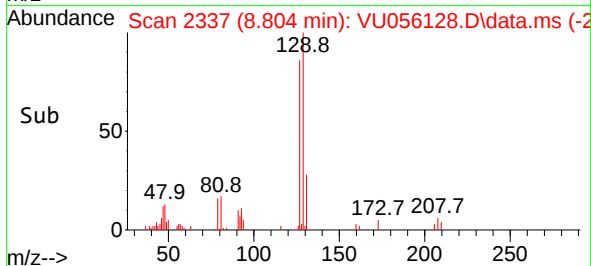
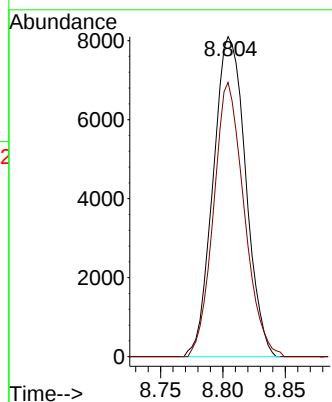
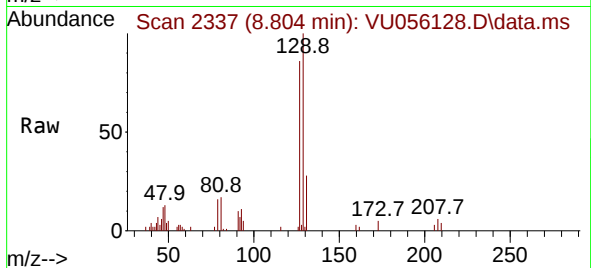




#49
Dibromochloromethane
Concen: 0.693 ug/L
RT: 8.804 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Instrument :
MSVOA_U
ClientSampleId :
C0B23

Tgt Ion:129 Resp: 14716
Ion Ratio Lower Upper
129 100
127 85.7 55.4 102.8



#59
Bromoform
Concen: 0.418 ug/L
RT: 10.286 min Scan# 2798
Delta R.T. -0.000 min
Lab File: VU056128.D
Acq: 08 Nov 2023 16:54

Tgt Ion:173 Resp: 4526
Ion Ratio Lower Upper
173 100
175 43.0 39.0 58.4
254 7.0 8.2 12.2#

