

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU082923\  
 Data File : VU054953.D  
 Acq On : 29 Aug 2023 13:43  
 Operator : MD/SY  
 Sample : 04158-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AQ9

Quant Time: Aug 29 22:29:22 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

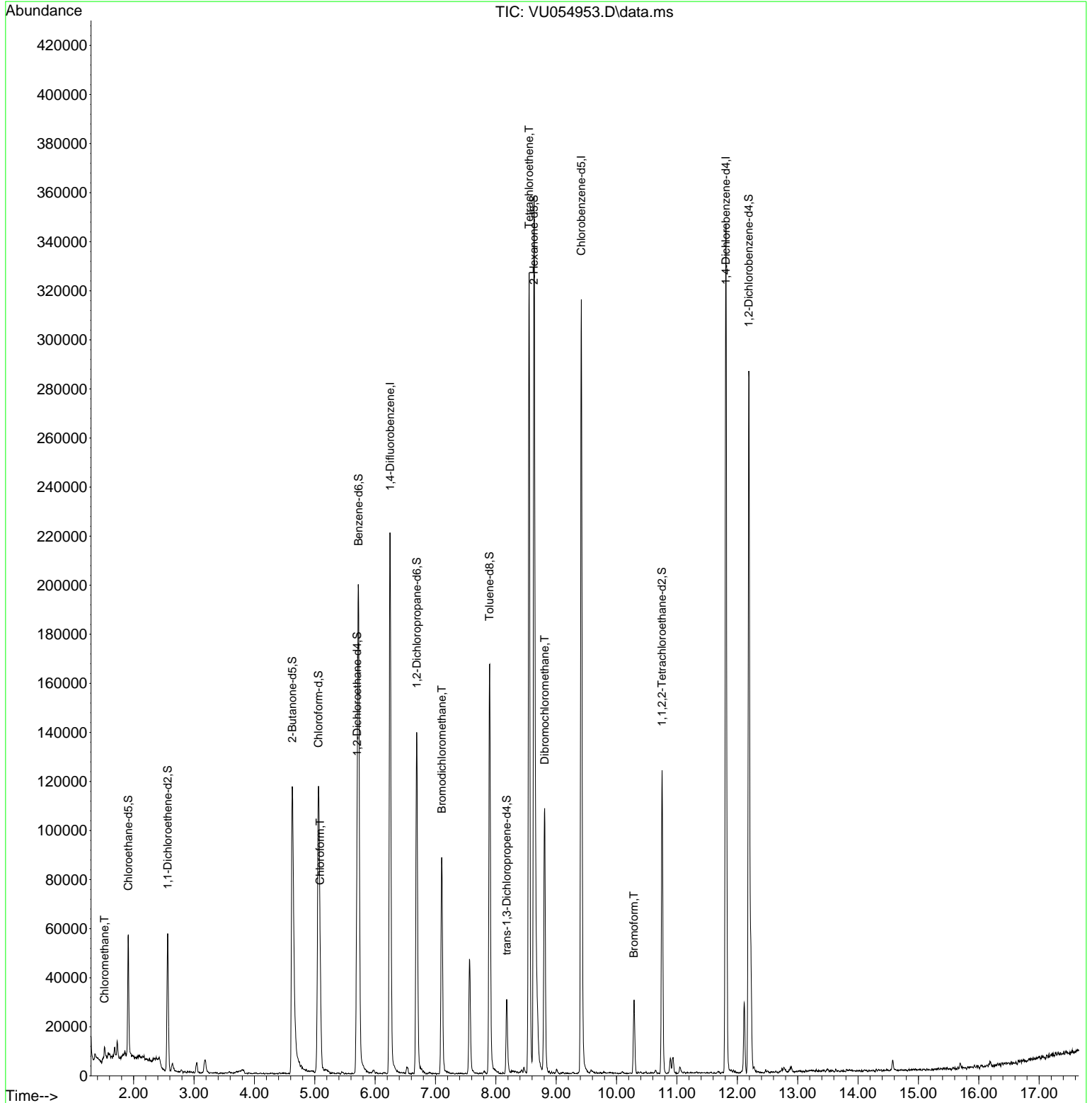
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	181461	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	171818	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	88212	5.000	ug/L	0.00
System 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	33418	4.516	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery =	90.400%		
11) 1,1-Dichloroethene-d2	2.563	65	11201	3.460	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery =	69.200%		
20) 2-Butanone-d5	4.628	46	176155	56.980	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery =	113.960%		
24) Chloroform-d	5.059	84	100202	4.716	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	94.400%		
26) 1,2-Dichloroethane-d4	5.702	65	56515	4.999	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	100.000%		
32) Benzene-d6	5.724	84	181667	4.704	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery =	94.000%		
36) 1,2-Dichloropropane-d6	6.689	67	67331	4.957	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery =	99.200%		
41) Toluene-d8	7.894	98	115507	3.123	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery =	62.400%#		
43) trans-1,3-Dichloroprop...	8.181	79	17179	3.843	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery =	76.800%		
46) 2-Hexanone-d5	8.631	63	119468	56.306	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery =	112.620%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	60292	5.176	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery =	103.600%		
66) 1,2-Dichlorobenzene-d4	12.190	152	72380	5.139	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery =	102.800%		
-----						
Target Compounds						Qvalue
3) Chloromethane	1.519	50	3267	0.278	ug/L	96
25) Chloroform	5.087	83	34975	1.698	ug/L	95
38) Bromodichloromethane	7.103	83	57362	4.092	ug/L	98
47) Tetrachloroethene	8.550	164	66962	8.296	ug/L	96
49) Dibromochloromethane	8.808	129	52388	5.930	ug/L	94
59) Bromoform	10.287	173	13021	2.971	ug/L	95
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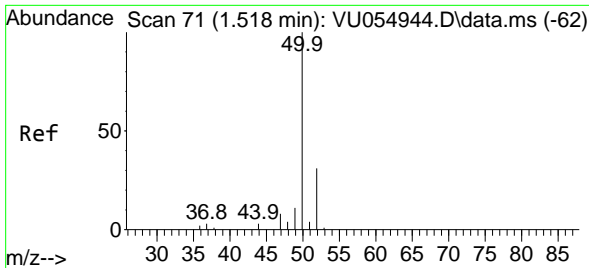
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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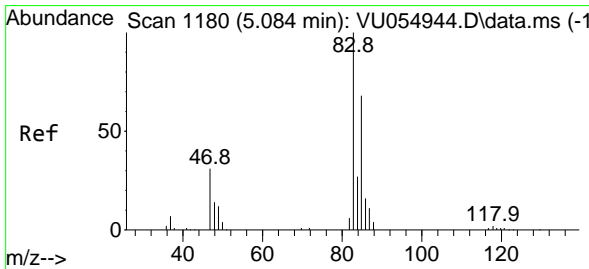
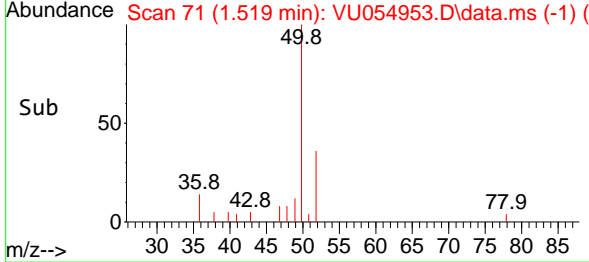
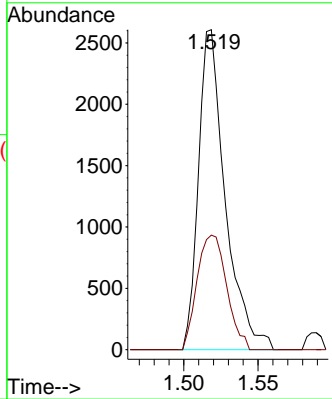
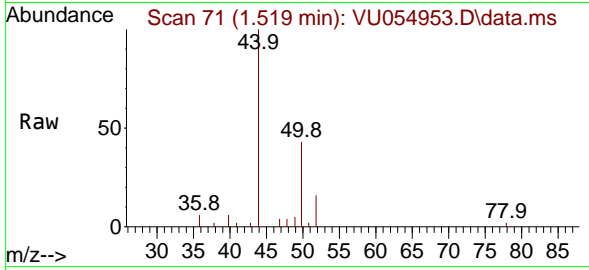




#3  
 Chloromethane  
 Concen: 0.278 ug/L  
 RT: 1.519 min Scan# 71  
 Delta R.T. 0.000 min  
 Lab File: VU054953.D  
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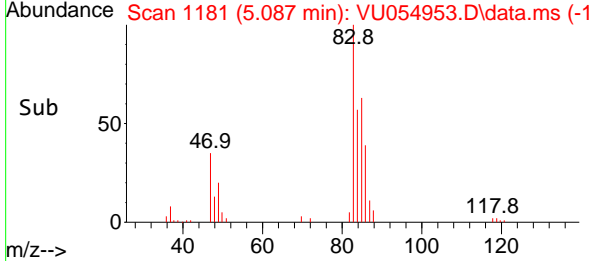
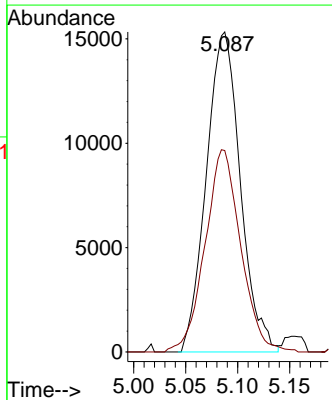
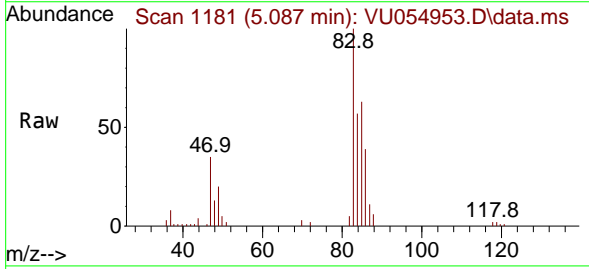
Instrument : MSVOA\_U  
 ClientSampleId : C0AQ9

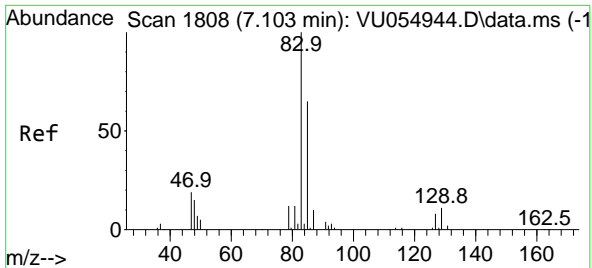
Tgt Ion: 50 Resp: 3267  
 Ion Ratio Lower Upper  
 50 100  
 52 35.8 23.4 43.6



#25  
 Chloroform  
 Concen: 1.698 ug/L  
 RT: 5.087 min Scan# 1181  
 Delta R.T. 0.003 min  
 Lab File: VU054953.D  
 Acq: 29 Aug 2023 13:43

Tgt Ion: 83 Resp: 34975  
 Ion Ratio Lower Upper  
 83 100  
 85 62.9 46.7 86.7

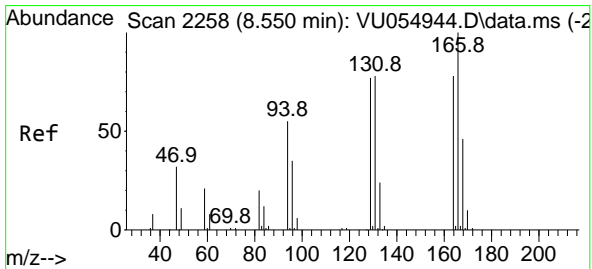
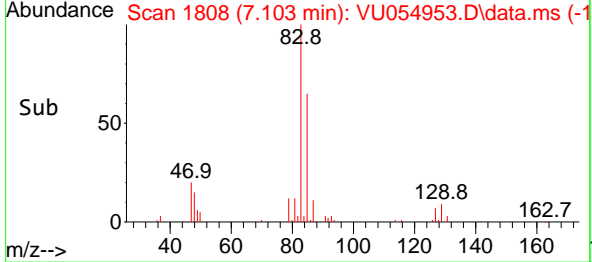
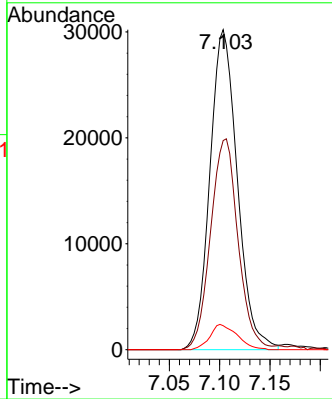
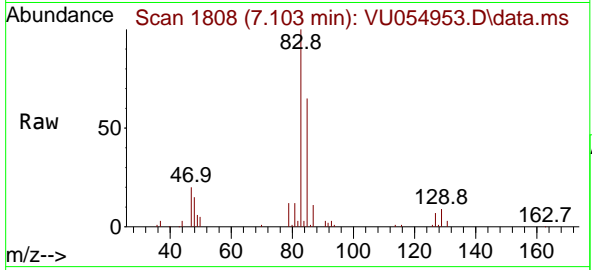




#38  
 Bromodichloromethane  
 Concen: 4.092 ug/L  
 RT: 7.103 min Scan# 11  
 Delta R.T. 0.000 min  
 Lab File: VU054953.D  
 Acq: 29 Aug 2023 13:43

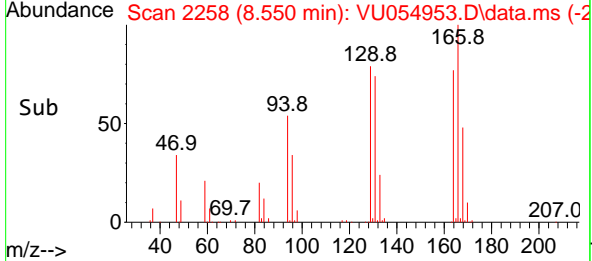
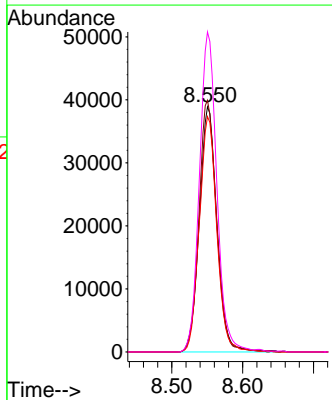
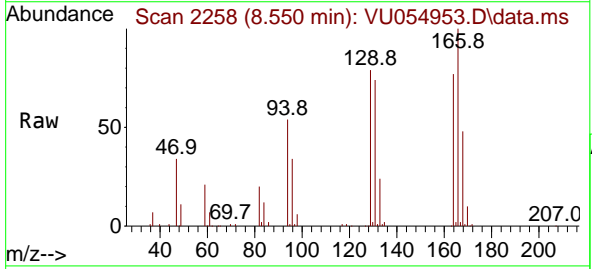
Instrument : MSVOA\_U  
 ClientSampleId : C0AQ9

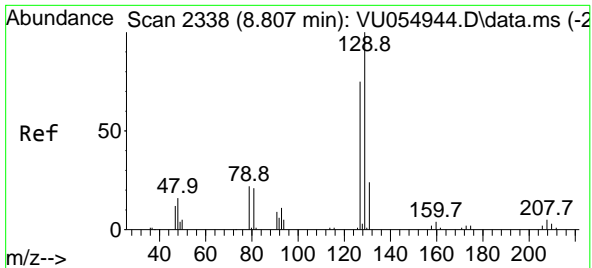
Tgt Ion	Resp	Lower	Upper
83	57362	100	100
85	65.3	45.1	83.7
127	7.5	7.1	10.7



#47  
 Tetrachloroethene  
 Concen: 8.296 ug/L  
 RT: 8.550 min Scan# 2258  
 Delta R.T. 0.000 min  
 Lab File: VU054953.D  
 Acq: 29 Aug 2023 13:43

Tgt Ion	Resp	Lower	Upper
164	66962	100	100
129	102.7	72.8	135.2
131	96.0	70.7	131.3
166	130.6	95.9	178.1

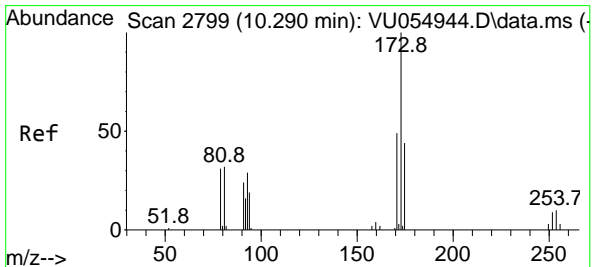
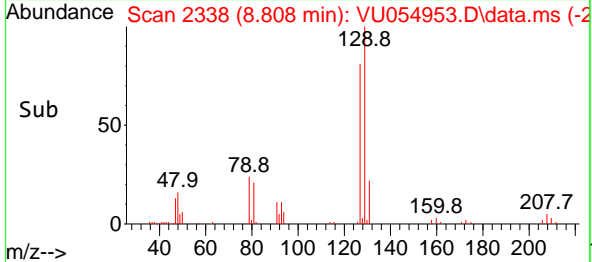
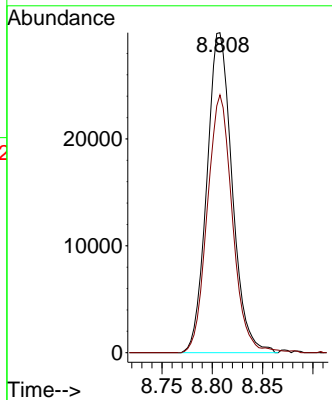
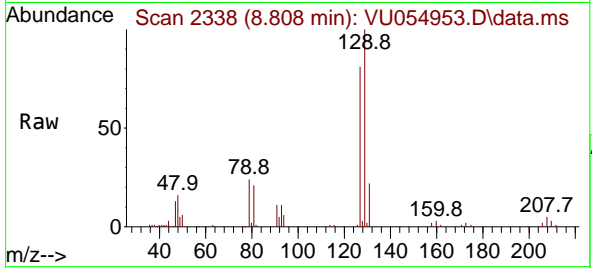




#49  
 Dibromochloromethane  
 Concen: 5.930 ug/L  
 RT: 8.808 min Scan# 21  
 Delta R.T. 0.000 min  
 Lab File: VU054953.D  
 Acq: 29 Aug 2023 13:43

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 MSVOA\_U  
 ClientSampleId :  
 C0AQ9

Tgt Ion:129 Resp: 52388  
 Ion Ratio Lower Upper  
 129 100  
 127 80.6 60.5 112.5



#59  
 Bromoform  
 Concen: 2.971 ug/L  
 RT: 10.287 min Scan# 2798  
 Delta R.T. -0.003 min  
 Lab File: VU054953.D  
 Acq: 29 Aug 2023 13:43

Tgt Ion:173 Resp: 13021  
 Ion Ratio Lower Upper  
 173 100  
 175 46.9 40.8 61.2  
 254 7.5 6.8 10.2

