

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091523\
 Data File : VU055352.D
 Acq On : 15 Sep 2023 20:39
 Operator : MD/SY
 Sample : 04380-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M6

Quant Time: Sep 16 00:45:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091523WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 16 00:42:29 2023
 Response via : Initial Calibration

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

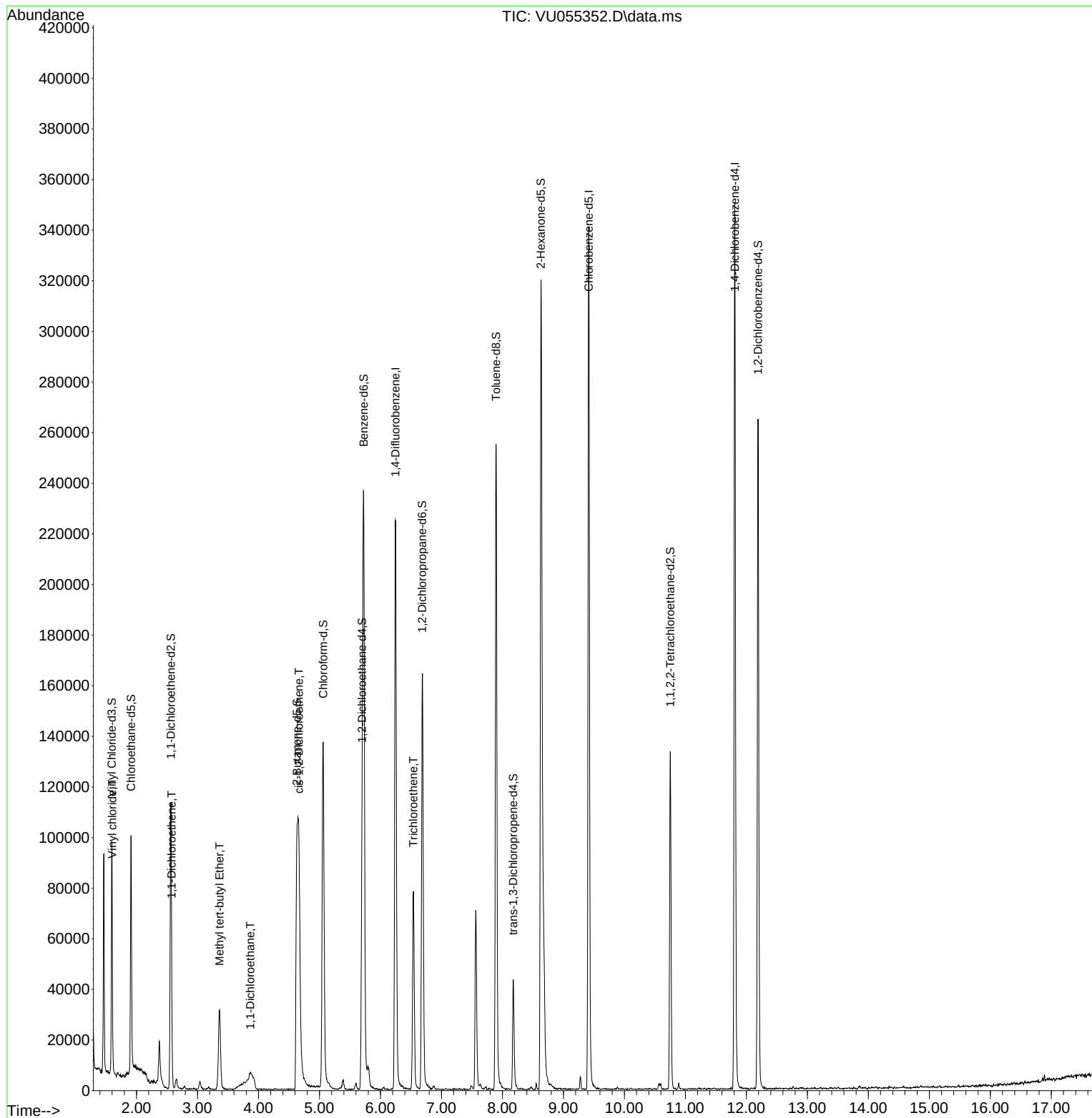
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	178429	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	185189	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.810	152	88296	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	57240	5.581	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 111.600%		
7) Chloroethane-d5	1.910	69	63456	5.482	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 109.600%		
11) 1,1-Dichloroethene-d2	2.563	65	21238	5.725	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 114.600%		
20) 2-Butanone-d5	4.631	46	181109	63.862	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 127.720%		
24) Chloroform-d	5.061	84	126069	5.504	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 110.000%		
26) 1,2-Dichloroethane-d4	5.698	65	67876	5.873	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 117.400%		
32) Benzene-d6	5.724	84	219453	5.653	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 113.000%		
36) 1,2-Dichloropropane-d6	6.685	67	78336	5.922	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 118.400%		
41) Toluene-d8	7.897	98	172140	5.143	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 102.800%		
43) trans-1,3-Dichloroprop...	8.177	79	25097	5.347	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 107.000%		
46) 2-Hexanone-d5	8.630	63	100047	58.589	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 117.180%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	66272	5.761	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 115.200%		
66) 1,2-Dichlorobenzene-d4	12.190	152	66937	5.887	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 117.800%		
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.602	62	7873	0.445	ug/L	91
12) 1,1-Dichloroethene	2.576	96	1648	0.131	ug/L #	1
17) Methyl tert-butyl Ether	3.361	73	35003	1.164	ug/L	96
19) 1,1-Dichloroethane	3.865	63	3131	0.117	ug/L #	75
22) cis-1,2-Dichloroethene	4.663	96	30968	1.917	ug/L	92
34) Trichloroethene	6.540	95	26802	1.536	ug/L	95

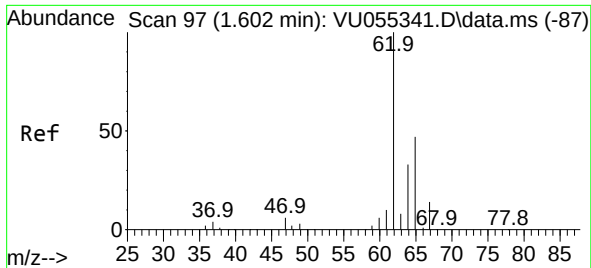
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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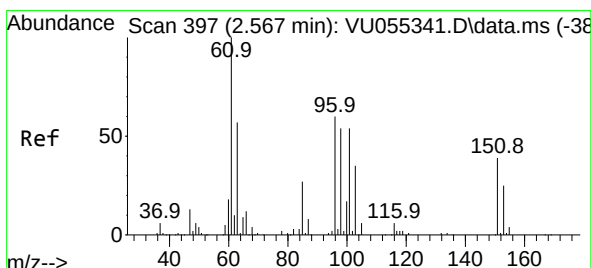
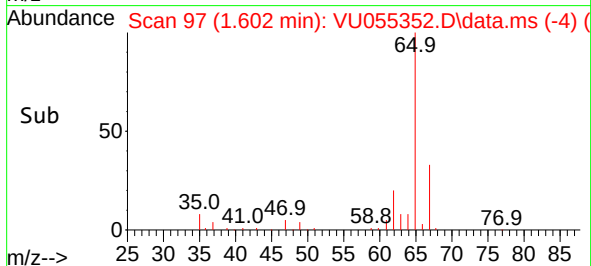
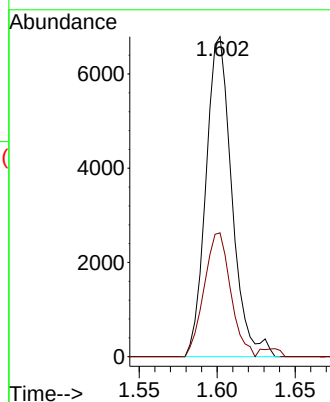
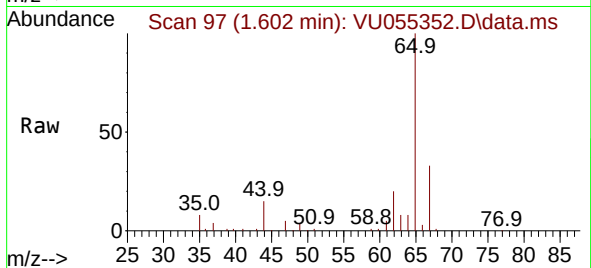




#5
 Vinyl chloride
 Concen: 0.445 ug/L
 RT: 1.602 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VU055352.D
 Acq: 15 Sep 2023 20:39

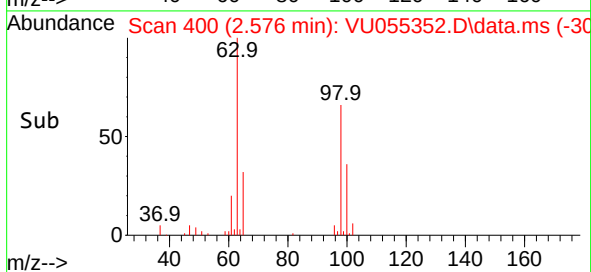
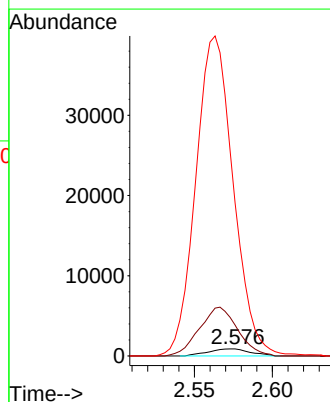
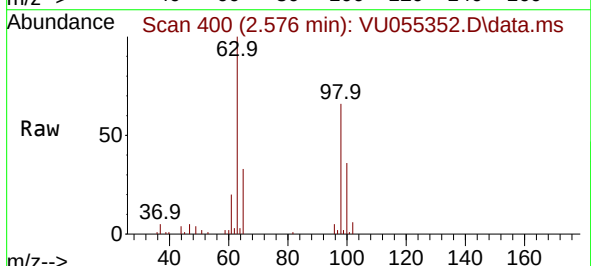
Instrument :
 MSVOA_U
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 BH4M6

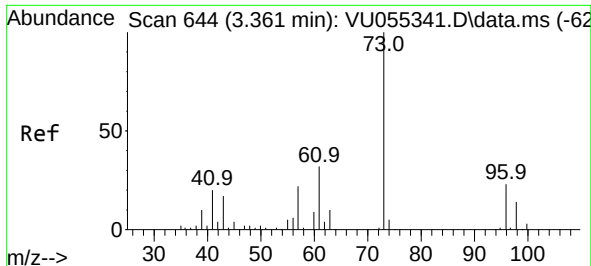
Tgt Ion: 62 Resp: 7873
 Ion Ratio Lower Upper
 62 100
 64 38.7 23.4 43.6



#12
 1,1-Dichloroethene
 Concen: 0.131 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.010 min
 Lab File: VU055352.D
 Acq: 15 Sep 2023 20:39

Tgt Ion: 96 Resp: 1648
 Ion Ratio Lower Upper
 96 100
 61 438.1 122.8 228.0#
 63 2169.1 71.7 133.3#

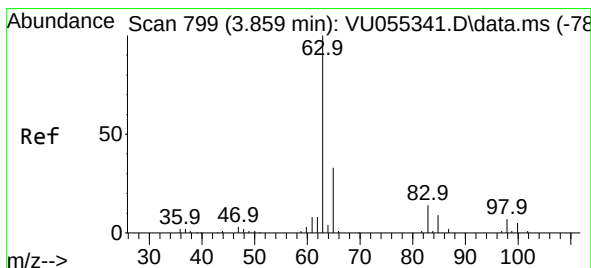
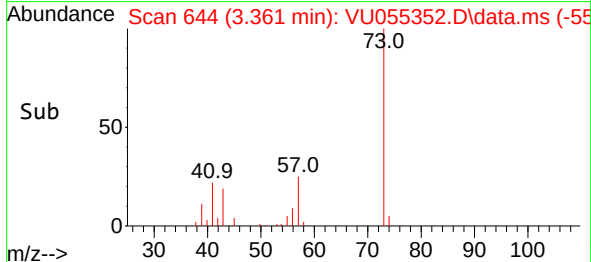
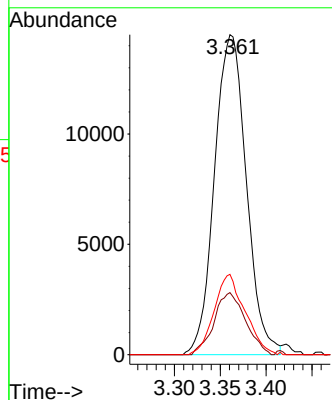
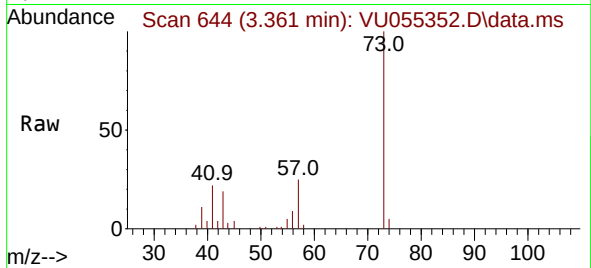




#17
Methyl tert-butyl Ether
Concen: 1.164 ug/L
RT: 3.361 min Scan# 644
Delta R.T. -0.000 min
Lab File: VU055352.D
Acq: 15 Sep 2023 20:39

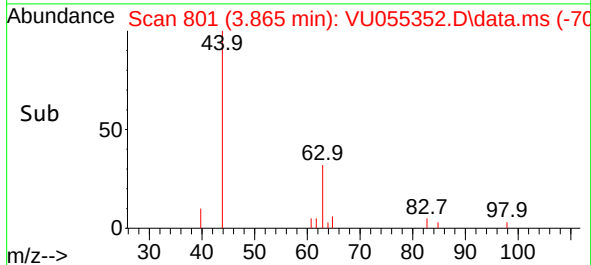
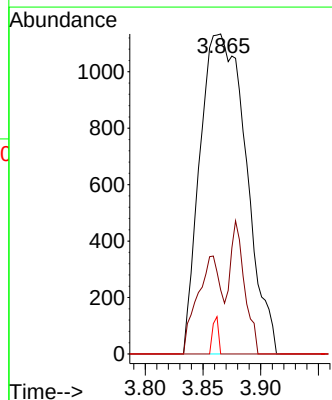
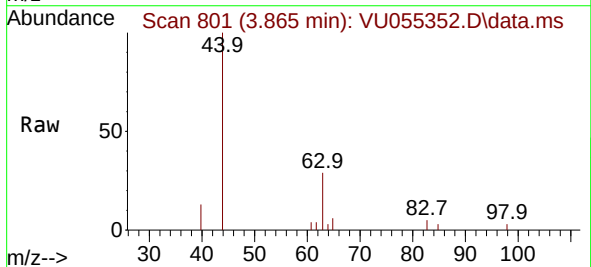
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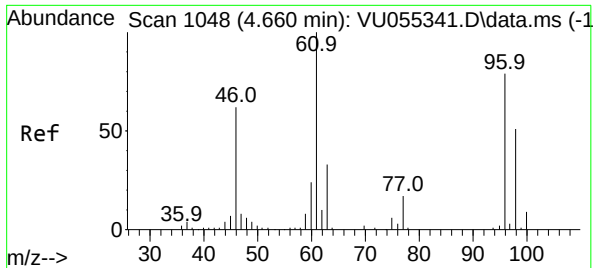
Tgt Ion:	73	Resp:	35003
Ion	Ratio	Lower	Upper
73	100		
43	19.2	16.0	24.0
57	24.4	17.2	25.8



#19
1,1-Dichloroethane
Concen: 0.117 ug/L
RT: 3.865 min Scan# 801
Delta R.T. 0.006 min
Lab File: VU055352.D
Acq: 15 Sep 2023 20:39

Tgt Ion:	63	Resp:	3131
Ion	Ratio	Lower	Upper
63	100		
65	20.0	21.8	40.6#
83	0.0	9.7	17.9#

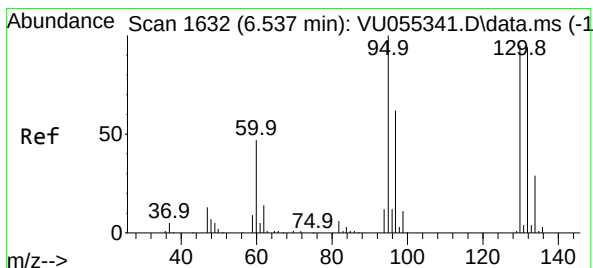
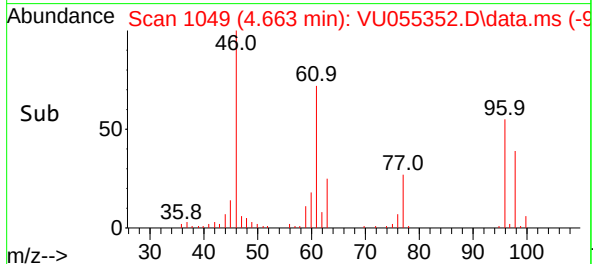
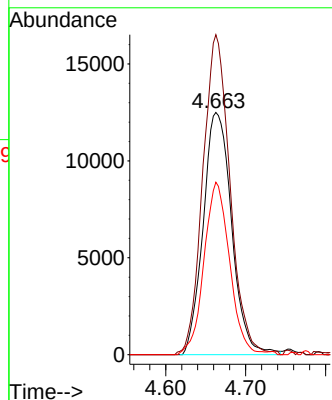
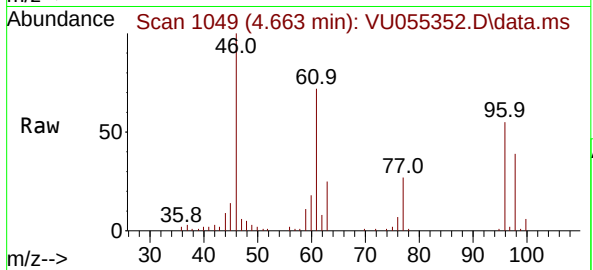




#22
 cis-1,2-Dichloroethene
 Concen: 1.917 ug/L
 RT: 4.663 min Scan# 1048
 Delta R.T. 0.003 min
 Lab File: VU055352.D
 Acq: 15 Sep 2023 20:39

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4M6

Tgt Ion: 96 Resp: 30968
 Ion Ratio Lower Upper
 96 100
 61 132.1 88.1 163.7
 98 71.2 43.5 80.7



#34
 Trichloroethene
 Concen: 1.536 ug/L
 RT: 6.540 min Scan# 1633
 Delta R.T. 0.003 min
 Lab File: VU055352.D
 Acq: 15 Sep 2023 20:39

Tgt Ion: 95 Resp: 26802
 Ion Ratio Lower Upper
 95 100
 97 62.4 47.4 88.0
 132 89.2 60.5 112.3
 130 91.8 68.5 127.1

