

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062023\
 Data File : VU054625.D
 Acq On : 20 Jun 2023 21:13
 Operator : MD/SY
 Sample : 03326-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GCA37

Quant Time: Jun 21 04:06:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 21 04:02:18 2023
 Response via : Initial Calibration

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

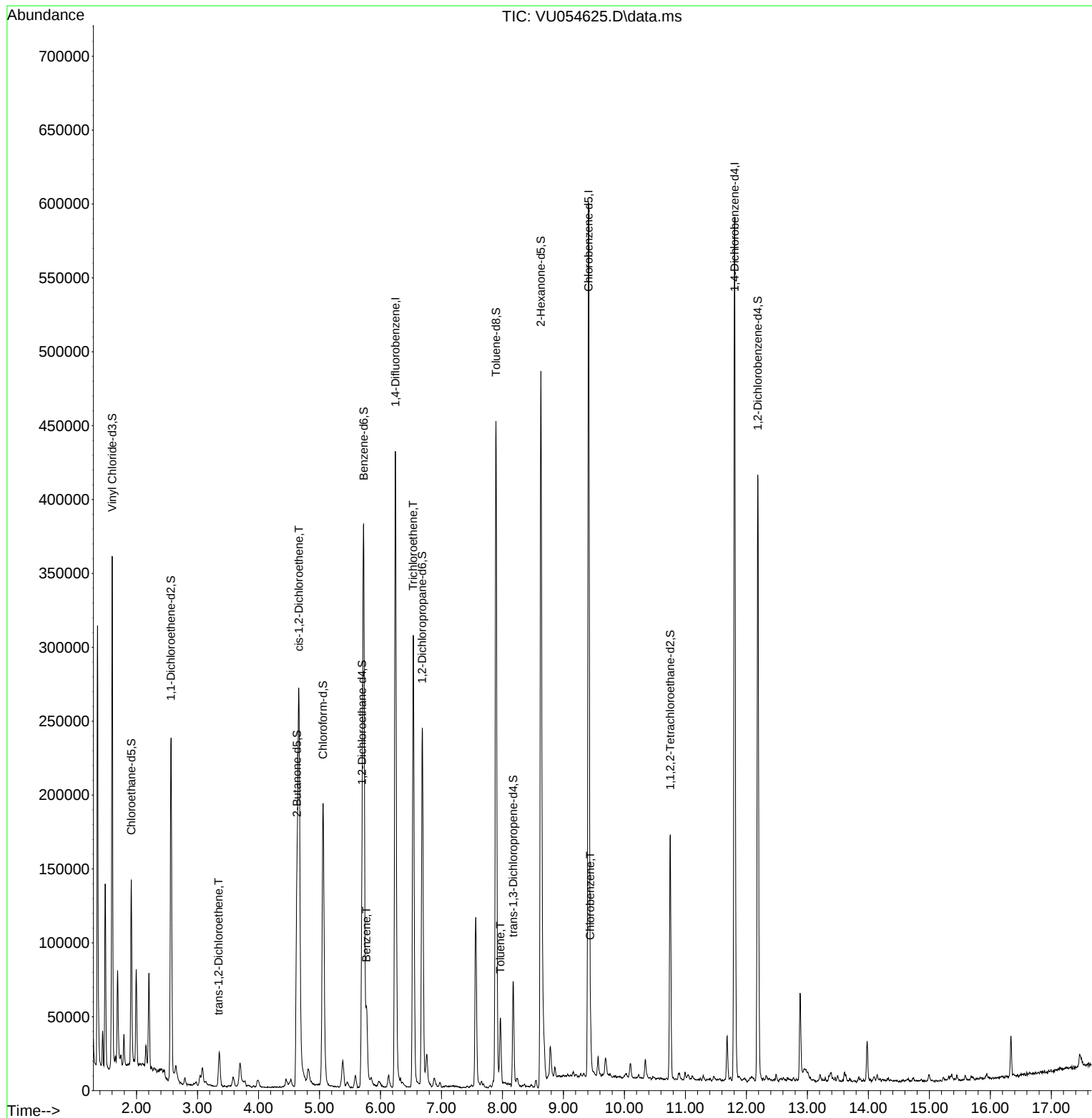
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	333835	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	319328	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	149810	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.602	65	116754	5.495	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	= 110.000%		
7) Chloroethane-d5	1.914	69	92785	4.664	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	= 93.200%		
11) 1,1-Dichloroethene-d2	2.563	65	46707	4.922	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	= 98.400%		
20) 2-Butanone-d5	4.631	46	251652	42.129	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	= 84.260%		
24) Chloroform-d	5.058	84	178563	4.021	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 80.400%		
26) 1,2-Dichloroethane-d4	5.698	65	91768	4.239	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 84.800%		
32) Benzene-d6	5.724	84	352428	3.970	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	= 79.400%		
36) 1,2-Dichloropropane-d6	6.685	67	118855	4.009	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	= 80.200%		
41) Toluene-d8	7.894	98	302735	3.843	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	= 76.800%		
43) trans-1,3-Dichloroprop...	8.177	79	42370	4.110	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	= 82.200%		
46) 2-Hexanone-d5	8.631	63	162364	37.541	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	= 75.080%		
56) 1,1,2,2-Tetrachloroeth...	10.753	84	86697	3.922	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	= 78.400%		
66) 1,2-Dichlorobenzene-d4	12.187	152	104352	4.130	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	= 82.600%		
Target Compounds						Qvalue
18) trans-1,2-Dichloroethene	3.348	96	3638	0.146	ug/L	89
22) cis-1,2-Dichloroethene	4.663	96	111158	3.905	ug/L	97
33) Benzene	5.772	78	44071	0.384	ug/L	100
34) Trichloroethene	6.537	95	107619	3.546	ug/L	95
42) Toluene	7.965	91	31668	0.268	ug/L	94
51) Chlorobenzene	9.441	112	10359	0.141	ug/L	94

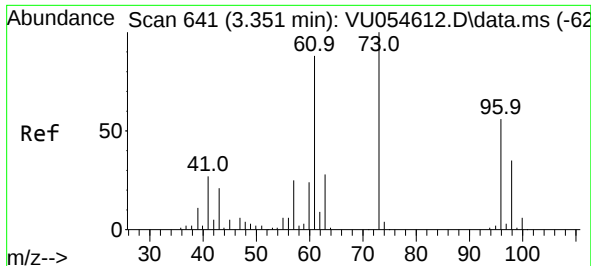
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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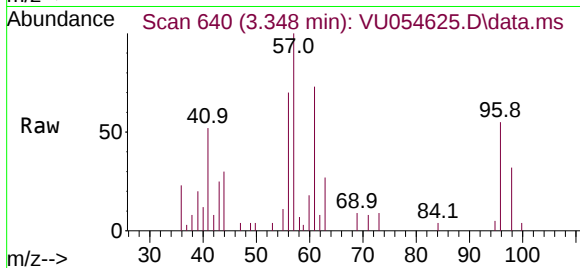
Quant Time: Jun 21 04:06:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
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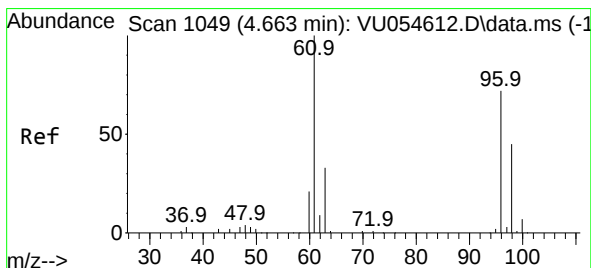
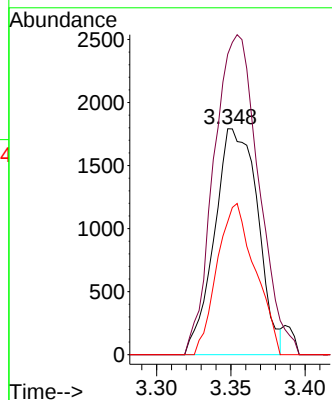
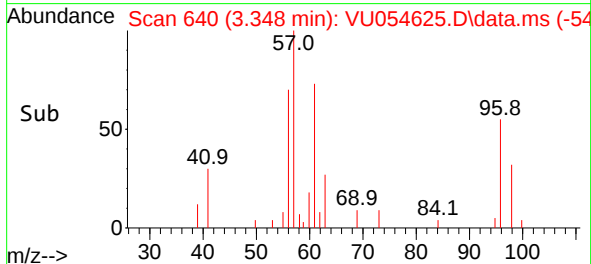
#18
trans-1,2-Dichloroethene
Concen: 0.146 ug/L
RT: 3.348 min Scan# 641
Delta R.T. -0.003 min
Lab File: VU054625.D
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Instrument :
MSVOA_U
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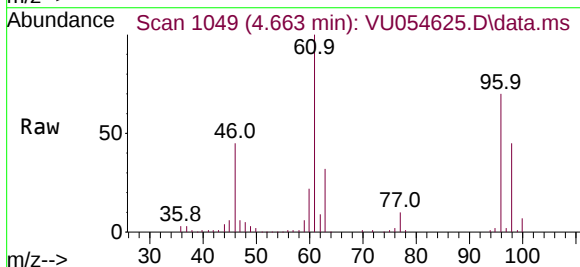


Tgt Ion: 96 Resp: 3638

Ion	Ratio	Lower	Upper
96	100		
61	133.0	104.6	194.2
98	58.9	45.4	84.4

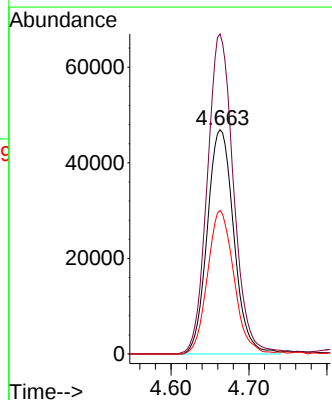
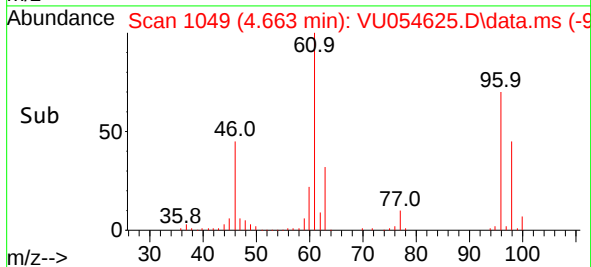


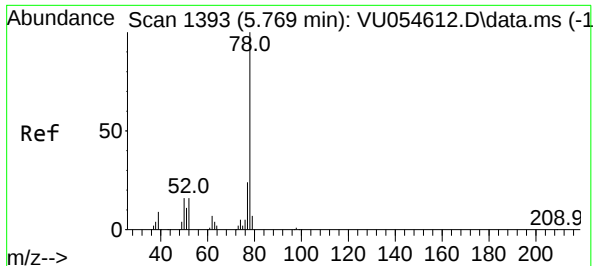
#22
cis-1,2-Dichloroethene
Concen: 3.905 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13



Tgt Ion: 96 Resp: 111158

Ion	Ratio	Lower	Upper
96	100		
61	142.7	96.5	179.1
98	64.0	44.9	83.3

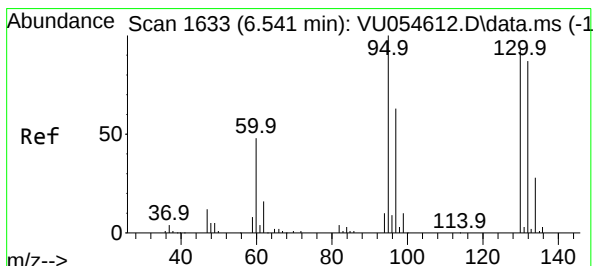
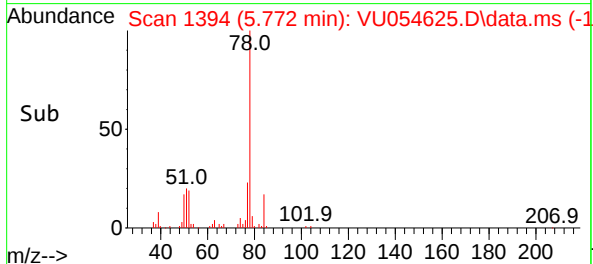
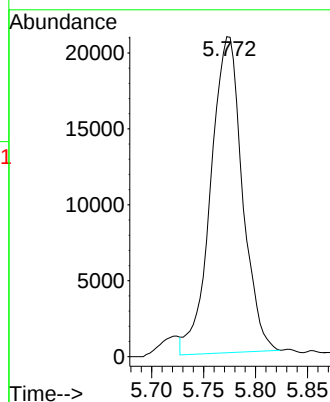
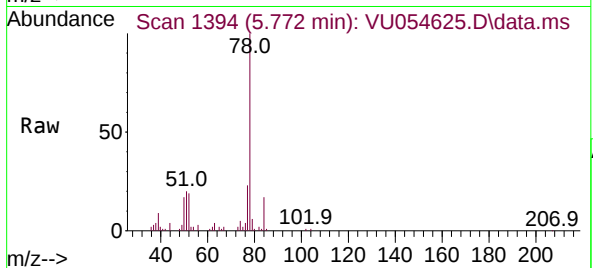




#33
Benzene
Concen: 0.384 ug/L
RT: 5.772 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

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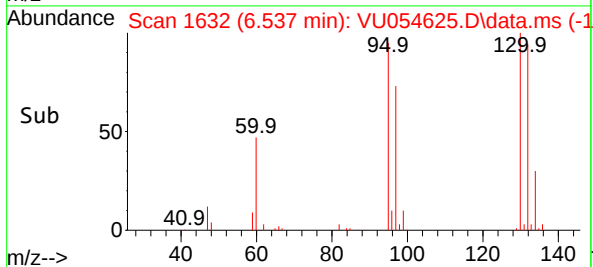
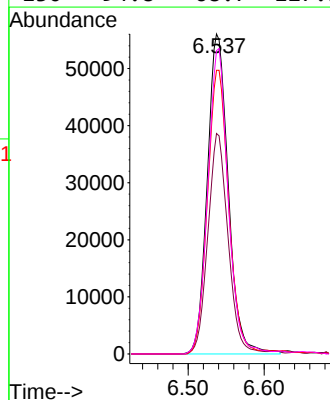
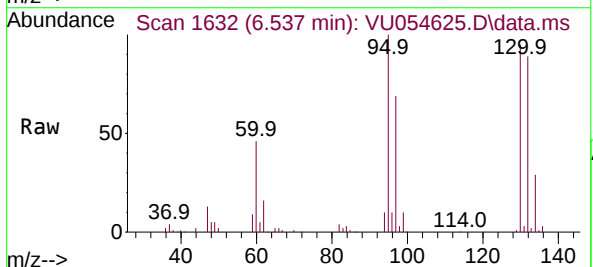
Tgt Ion: 78 Resp: 44071

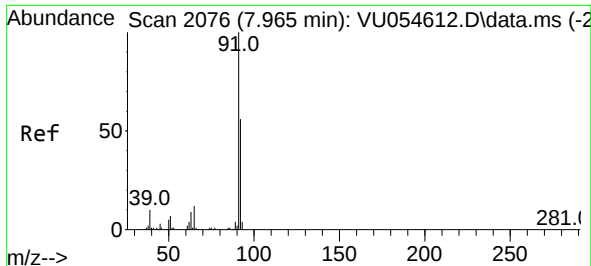


#34
Trichloroethene
Concen: 3.546 ug/L
RT: 6.537 min Scan# 1632
Delta R.T. -0.003 min
Lab File: VU054625.D
Acq: 20 Jun 2023 21:13

Tgt Ion: 95 Resp: 107619

Ion	Ratio	Lower	Upper
95	100		
97	68.9	46.8	87.0
132	88.7	68.4	127.0
130	94.8	68.7	127.5





#42

Toluene

Concen: 0.268 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. -0.000 min

Lab File: VU054625.D

Acq: 20 Jun 2023 21:13

Instrument :

MSVOA_U

ClientSampleId :

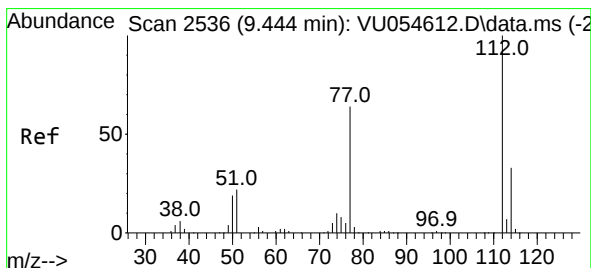
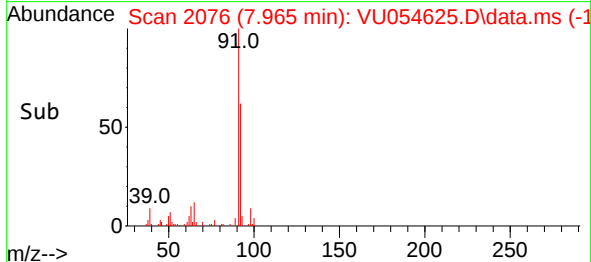
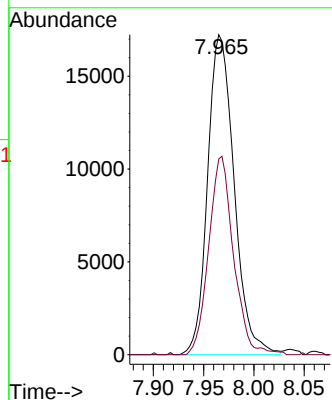
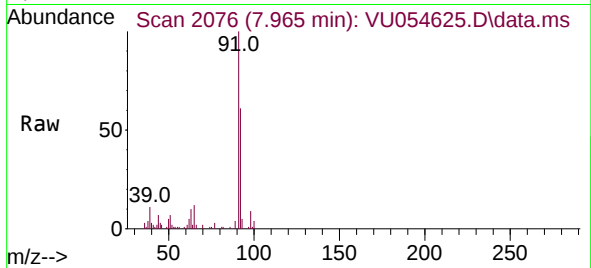
GCA37

Tgt Ion: 91 Resp: 31668

Ion Ratio Lower Upper

91 100

92 61.2 39.5 73.4



#51

Chlorobenzene

Concen: 0.141 ug/L

RT: 9.441 min Scan# 2535

Delta R.T. -0.003 min

Lab File: VU054625.D

Acq: 20 Jun 2023 21:13

Tgt Ion: 112 Resp: 10359

Ion Ratio Lower Upper

112 100

114 26.4 22.7 42.1

77 59.7 49.8 74.8

