

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090123\
 Data File : VU055061.D
 Acq On : 01 Sep 2023 23:57
 Operator : MD/SY
 Sample : 04230-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH4A9

Quant Time: Sep 02 00:24:05 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR090123WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Sep 02 00:23:04 2023
 Response via : Initial Calibration

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

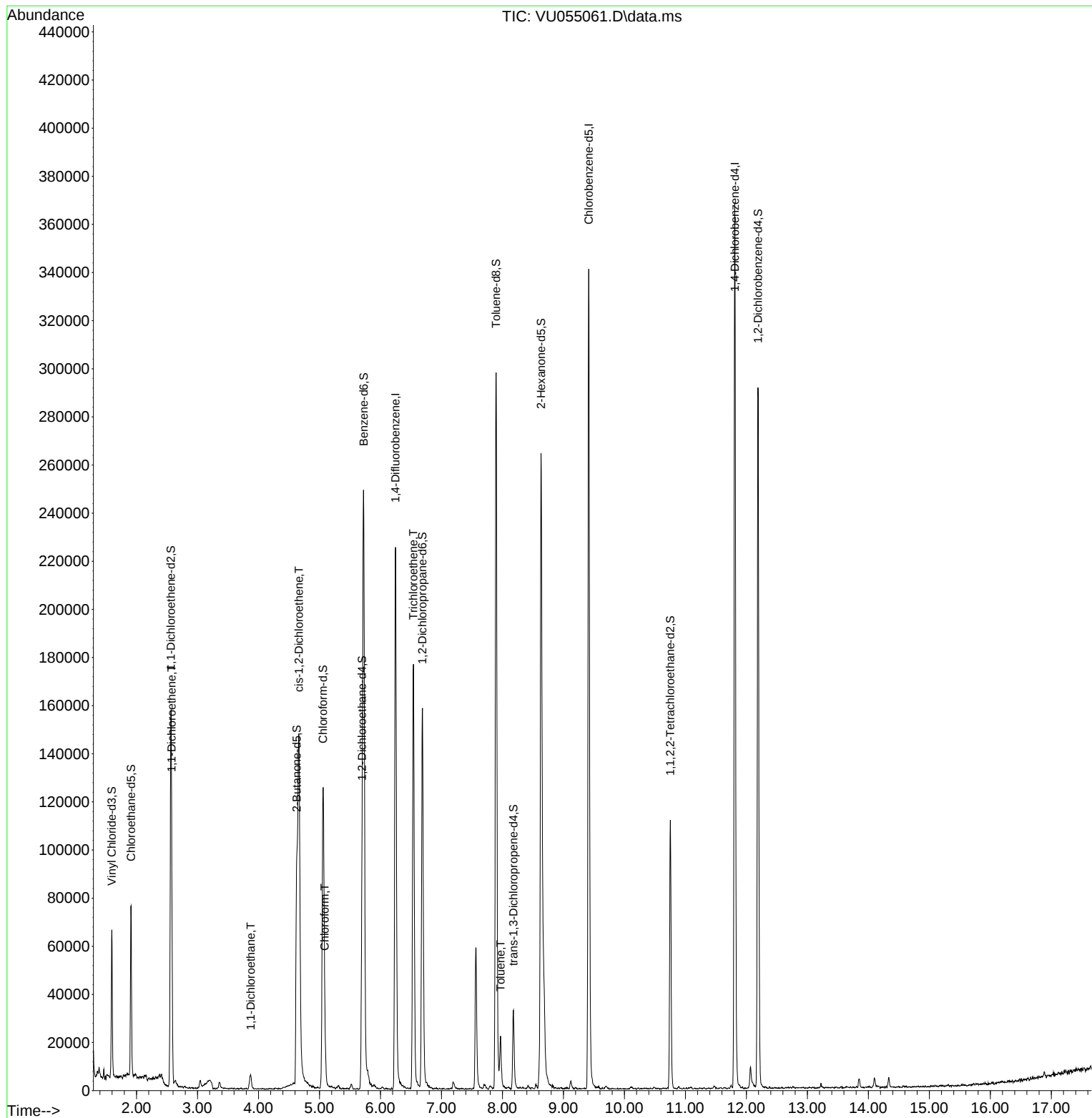
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	184160	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	185363	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	94138	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	41520	4.810	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.200%
7) Chloroethane-d5	1.911	69	47849	4.789	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.800%
11) 1,1-Dichloroethene-d2	2.563	65	24772	5.037	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.800%
20) 2-Butanone-d5	4.628	46	145824	58.220	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.440%
24) Chloroform-d	5.058	84	117300	5.121	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
26) 1,2-Dichloroethane-d4	5.698	65	60486	5.279	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.600%
32) Benzene-d6	5.724	84	231343	5.056	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.200%
36) 1,2-Dichloropropane-d6	6.689	67	75485	5.187	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.800%
41) Toluene-d8	7.898	98	205513	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.600%
43) trans-1,3-Dichloroprop...	8.181	79	19376	4.835	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.600%
46) 2-Hexanone-d5	8.634	63	85638	52.634	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.260%
56) 1,1,2,2-Tetrachloroeth...	10.753	84	56133	5.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	109.600%
66) 1,2-Dichlorobenzene-d4	12.190	152	74573	5.427	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	108.600%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.576	96	17061	2.004	ug/L #	43
19) 1,1-Dichloroethane	3.872	63	7462	0.400	ug/L #	88
22) cis-1,2-Dichloroethene	4.663	96	63833	6.037	ug/L	97
25) Chloroform	5.087	83	13179	0.678	ug/L	100
34) Trichloroethene	6.541	95	59155	5.395	ug/L	97
42) Toluene	7.968	91	14345	0.341	ug/L	98

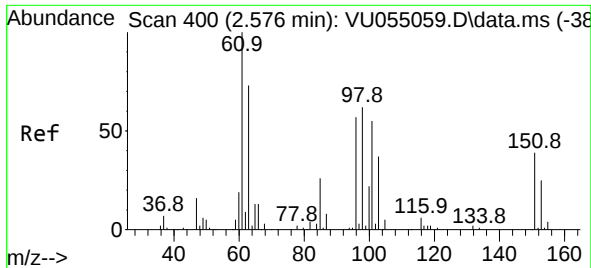
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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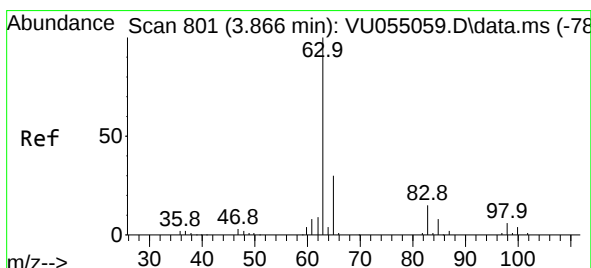
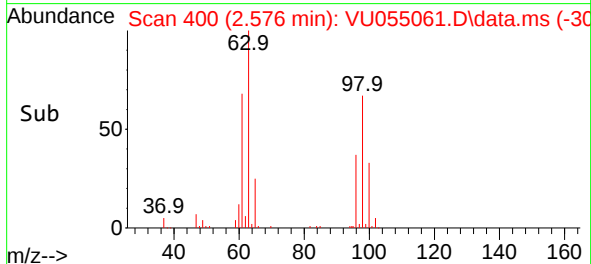
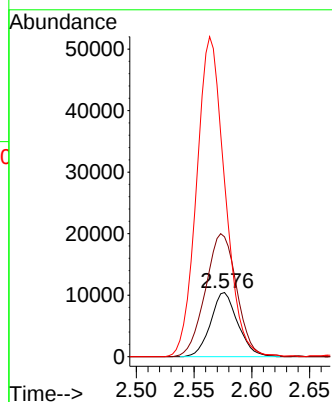
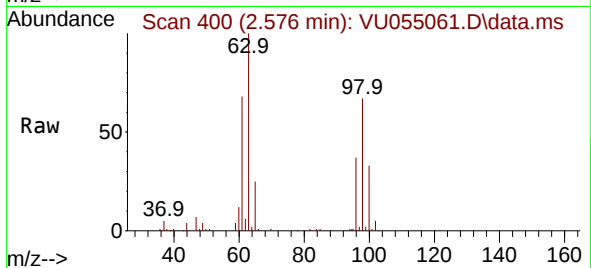




#12
 1,1-Dichloroethene
 Concen: 2.004 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.000 min
 Lab File: VU055061.D
 Acq: 01 Sep 2023 23:57

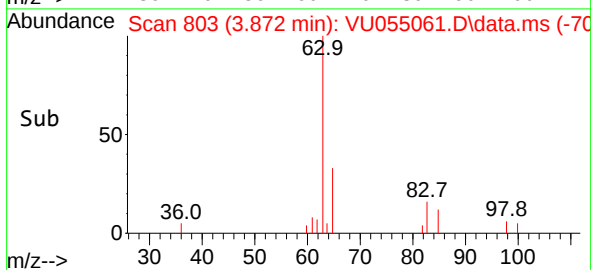
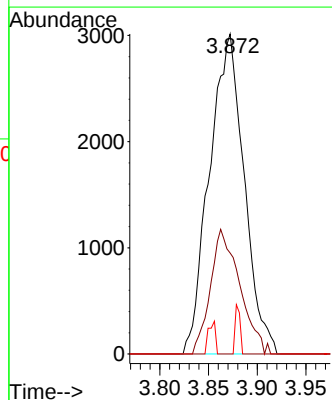
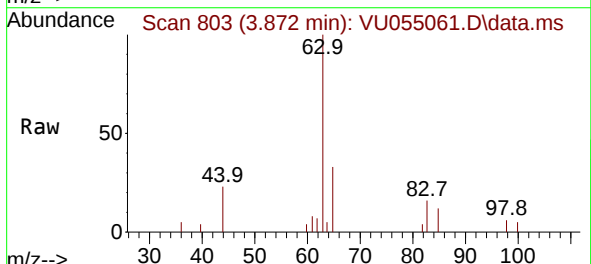
Instrument :
 MSVOA_U
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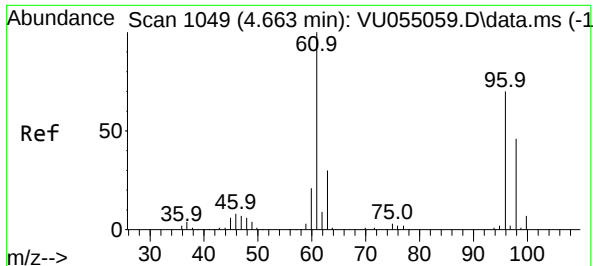
Tgt Ion: 96 Resp: 17061
 Ion Ratio Lower Upper
 96 100
 61 186.8 120.8 224.4
 63 273.5 94.5 175.5#



#19
 1,1-Dichloroethane
 Concen: 0.400 ug/L
 RT: 3.872 min Scan# 803
 Delta R.T. 0.006 min
 Lab File: VU055061.D
 Acq: 01 Sep 2023 23:57

Tgt Ion: 63 Resp: 7462
 Ion Ratio Lower Upper
 63 100
 65 31.6 22.2 41.2
 83 0.0 10.6 19.8#





#22

cis-1,2-Dichloroethene

Concen: 6.037 ug/L

RT: 4.663 min Scan# 110

Delta R.T. 0.000 min

Lab File: VU055061.D

Acq: 01 Sep 2023 23:57

Instrument :

MSVOA_U

ClientSampleId :

BH4A9

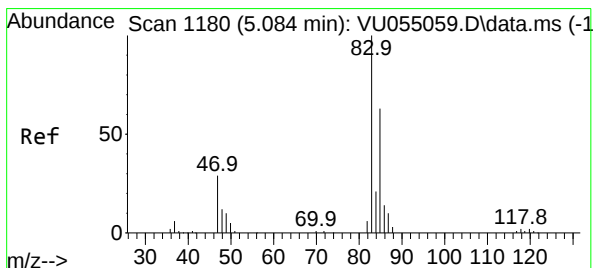
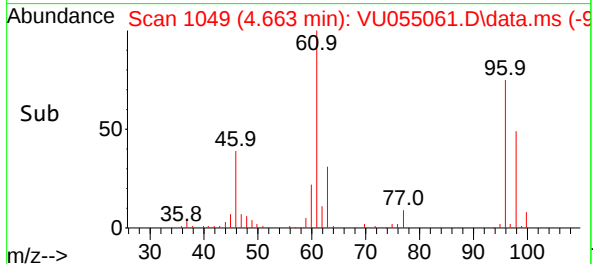
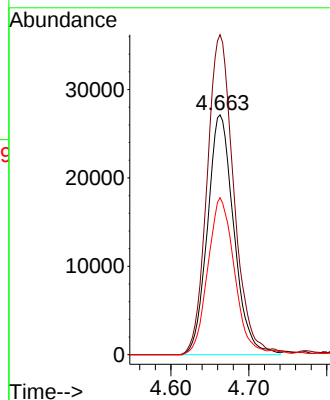
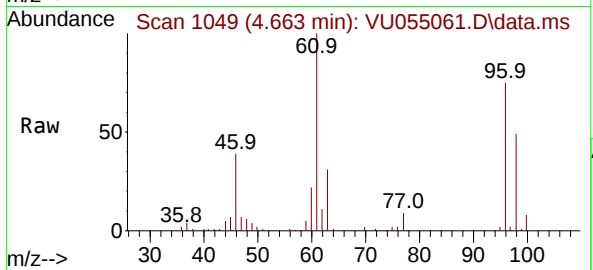
Tgt Ion: 96 Resp: 63833

Ion Ratio Lower Upper

96 100

61 133.4 97.2 180.4

98 65.4 46.1 85.7



#25

Chloroform

Concen: 0.678 ug/L

RT: 5.087 min Scan# 1181

Delta R.T. 0.003 min

Lab File: VU055061.D

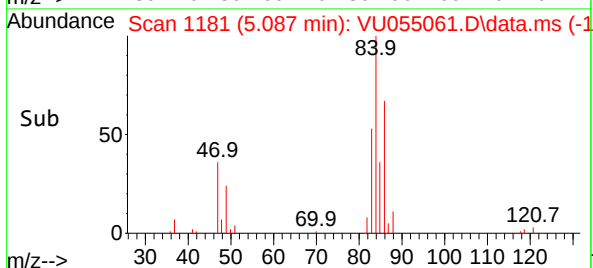
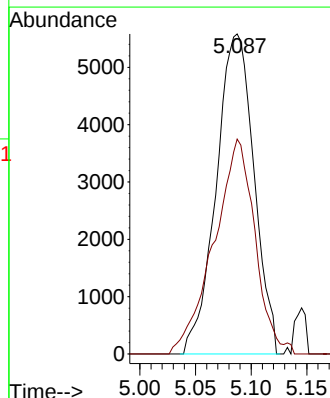
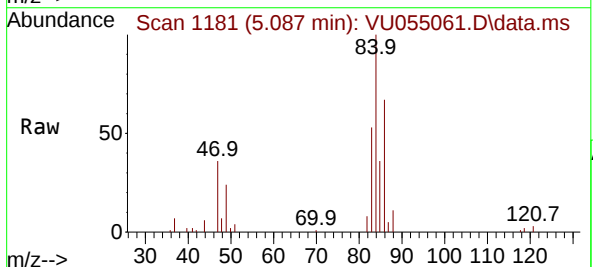
Acq: 01 Sep 2023 23:57

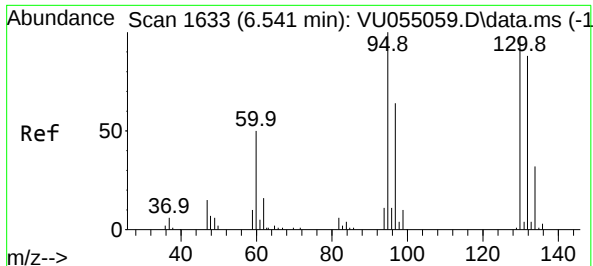
Tgt Ion: 83 Resp: 13179

Ion Ratio Lower Upper

83 100

85 67.1 47.2 87.6

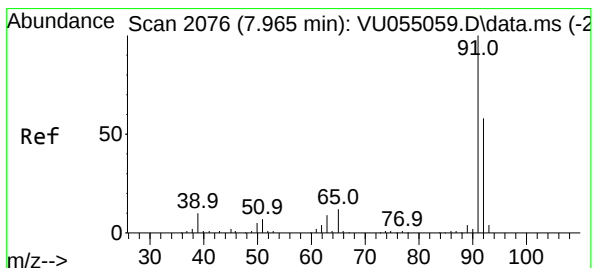
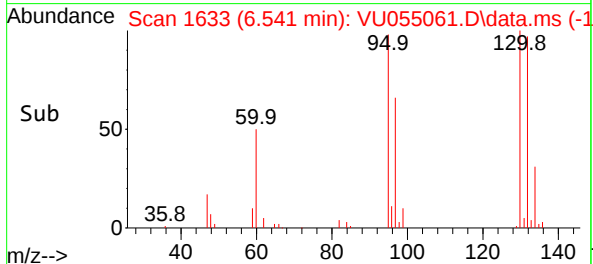
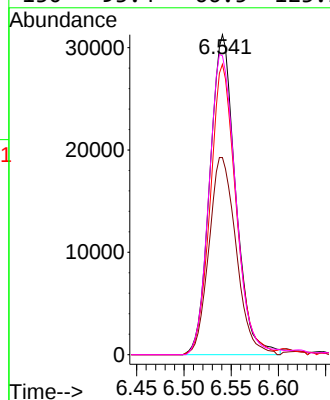
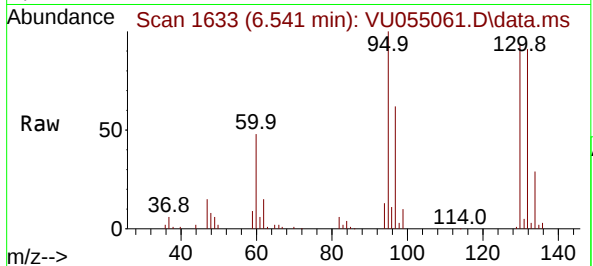




#34
Trichloroethene
Concen: 5.395 ug/L
RT: 6.541 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU055061.D
Acq: 01 Sep 2023 23:57

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 59155
Ion Ratio Lower Upper
95 100
97 61.6 44.7 83.1
132 90.7 66.6 123.6
130 93.4 66.5 123.5



#42
Toluene
Concen: 0.341 ug/L
RT: 7.968 min Scan# 2077
Delta R.T. 0.003 min
Lab File: VU055061.D
Acq: 01 Sep 2023 23:57

Tgt Ion: 91 Resp: 14345
Ion Ratio Lower Upper
91 100
92 61.0 41.9 77.9

