

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU061623\
 Data File : VU054579.D
 Acq On : 16 Jun 2023 17:47
 Operator : MD/SY
 Sample : 03258-08
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DCGW7

Quant Time: Jun 17 06:16:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR060723WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 17 06:10:25 2023
 Response via : Initial Calibration

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

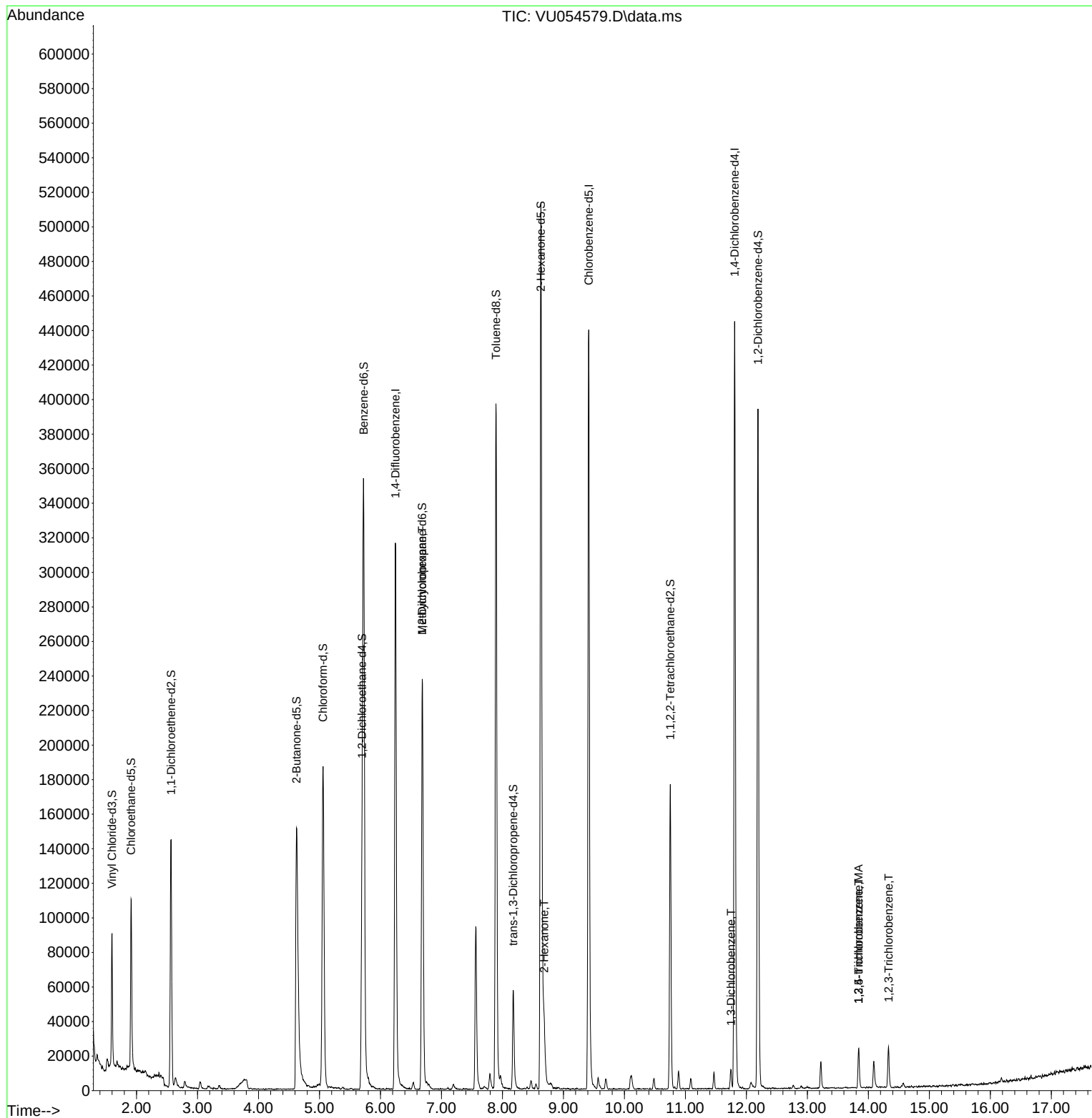
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	264088	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	254692	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	122334	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	56577	3.366	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	67.400%	
7) Chloroethane-d5	1.911	69	76619	4.869	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.566	65	27216	3.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	4.624	46	256808	54.347	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	108.700%	
24) Chloroform-d	5.058	84	176680	5.029	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	100.600%	
26) 1,2-Dichloroethane-d4	5.698	65	90717	5.297	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	106.000%	
32) Benzene-d6	5.724	84	337084	4.761	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.200%	
36) 1,2-Dichloropropane-d6	6.685	67	120372	5.091	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	101.800%	
41) Toluene-d8	7.894	98	271982	4.329	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.600%	
43) trans-1,3-Dichloroprop...	8.177	79	33956	4.130	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.600%	
46) 2-Hexanone-d5	8.631	63	177119	51.346	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.700%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	91530	5.191	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	103.800%	
66) 1,2-Dichlorobenzene-d4	12.190	152	107080	5.189	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	103.800%	
Target Compounds						
35) Methylcyclohexane	6.685	83	26693	0.730	ug/L	17
48) 2-Hexanone	8.685	43	17634	1.792	ug/L	96
64) 1,3-Dichlorobenzene	11.749	146	4967	0.119	ug/L	92
69) 1,3,5-Trichlorobenzene	13.843	180	7886	0.250	ug/L	96
70) 1,2,4-trichlorobenzene	13.843	180	7886	0.302	ug/L	98
72) 1,2,3-Trichlorobenzene	14.331	180	7879	0.351	ug/L	94

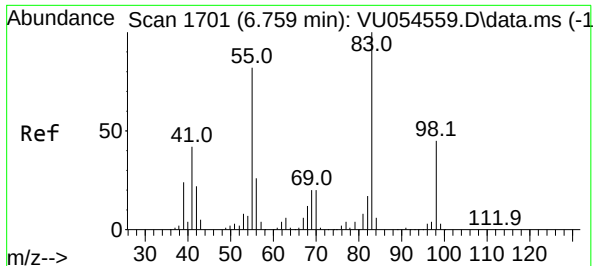
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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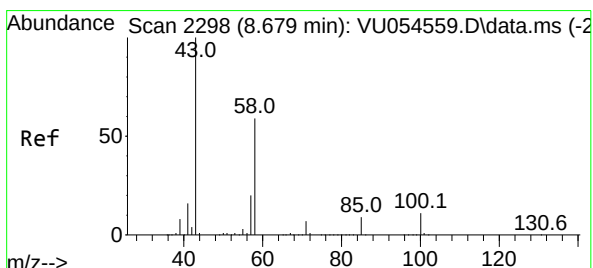
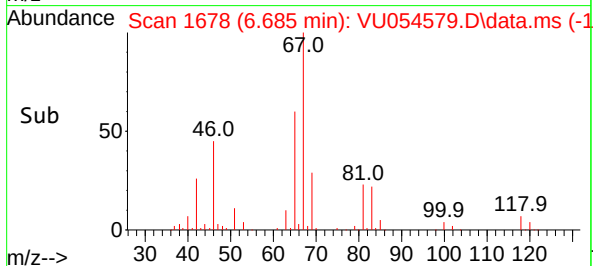
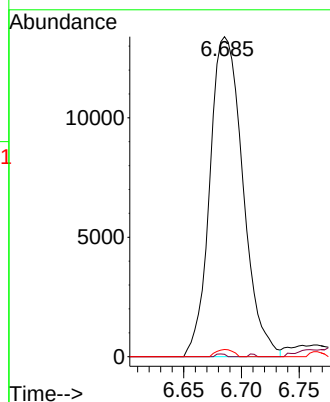
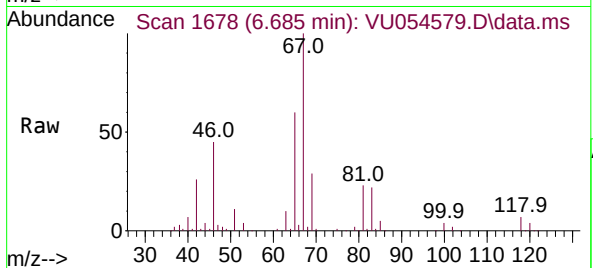




#35
Methylcyclohexane
Concen: 0.730 ug/L
RT: 6.685 min Scan# 1
Delta R.T. -0.074 min
Lab File: VU054579.D
Acq: 16 Jun 2023 17:47

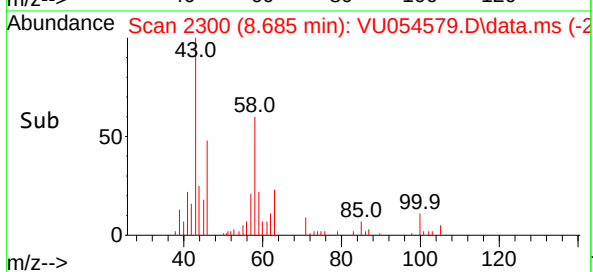
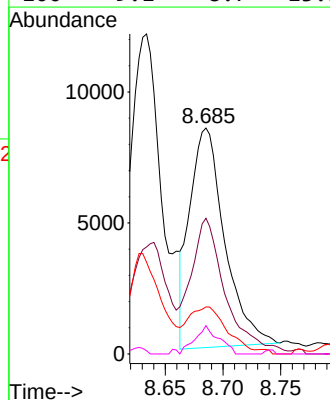
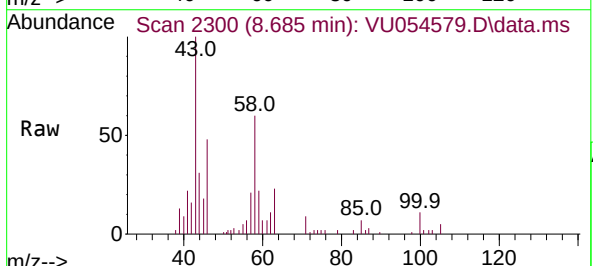
Instrument :
MSVOA_U
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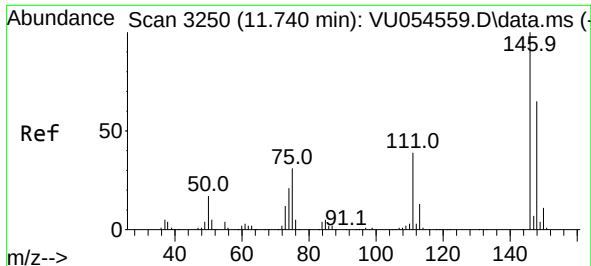
Tgt Ion: 83 Resp: 26693
Ion Ratio Lower Upper
83 100
55 0.2 67.1 100.7#
98 1.2 35.1 52.7#



#48
2-Hexanone
Concen: 1.792 ug/L
RT: 8.685 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VU054579.D
Acq: 16 Jun 2023 17:47

Tgt Ion: 43 Resp: 17634
Ion Ratio Lower Upper
43 100
58 59.9 45.2 67.8
57 21.2 15.8 23.6
100 9.1 8.7 13.1

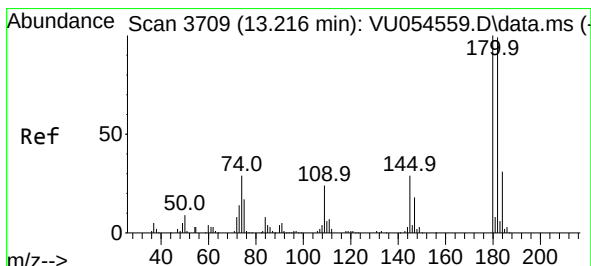
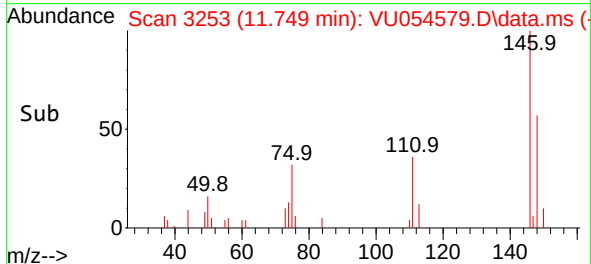
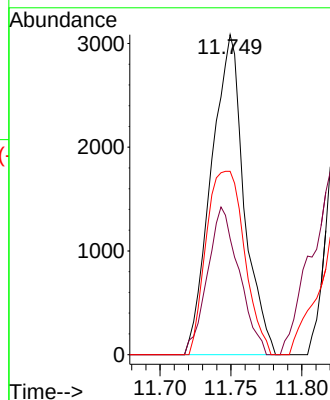
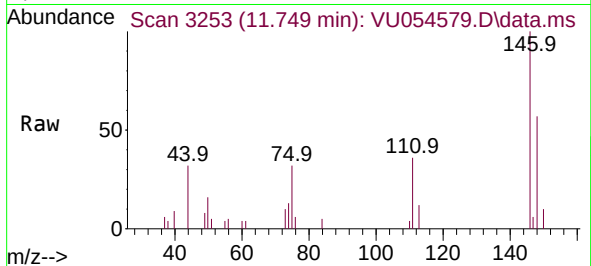




#64
1,3-Dichlorobenzene
Concen: 0.119 ug/L
RT: 11.749 min Scan# 31
Delta R.T. 0.009 min
Lab File: VU054579.D
Acq: 16 Jun 2023 17:47

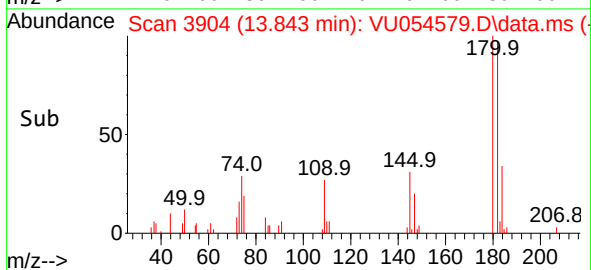
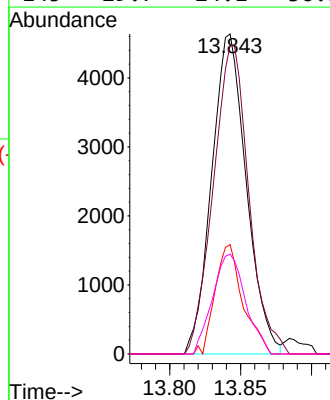
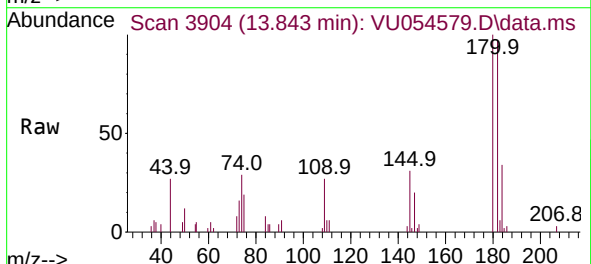
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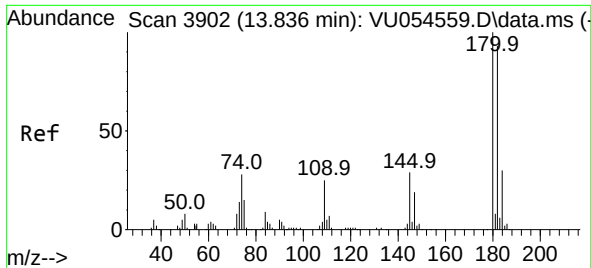
Tgt Ion:146 Resp: 4967
Ion Ratio Lower Upper
146 100
111 36.3 28.9 53.7
148 57.3 44.0 81.8



#69
1,3,5-Trichlorobenzene
Concen: 0.250 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.627 min
Lab File: VU054579.D
Acq: 16 Jun 2023 17:47

Tgt Ion:180 Resp: 7886
Ion Ratio Lower Upper
180 100
182 98.6 75.0 112.6
184 27.5 24.1 36.1
145 29.7 24.1 36.1

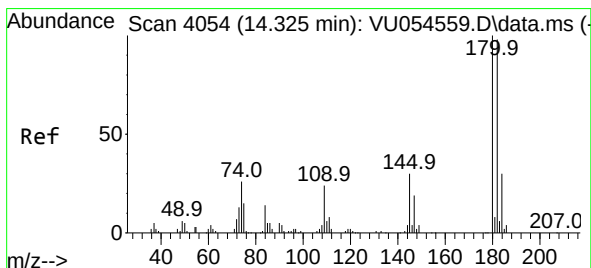
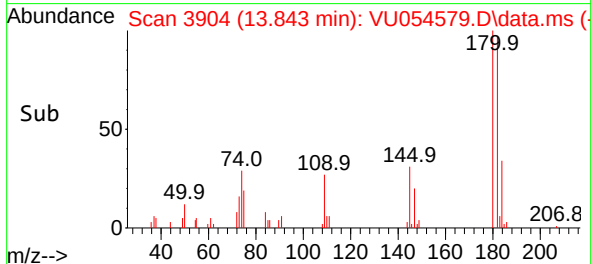
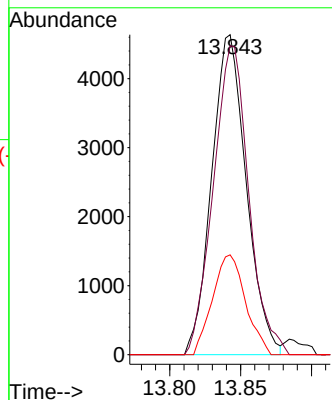
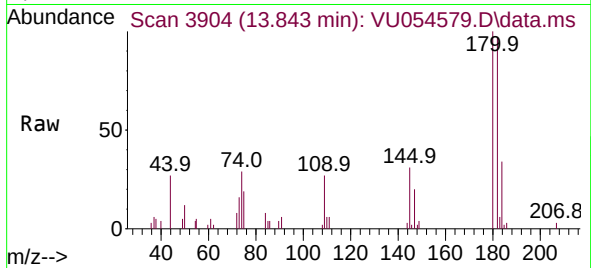




#70
1,2,4-trichlorobenzene
Concen: 0.302 ug/L
RT: 13.843 min Scan# 3904
Delta R.T. 0.006 min
Lab File: VU054579.D
Acq: 16 Jun 2023 17:47

Instrument :
MSVOA_U
ClientSampleId :
DCGW7

Tgt Ion:180 Resp: 7886
Ion Ratio Lower Upper
180 100
182 98.6 76.6 114.8
145 29.7 24.0 36.0



#72
1,2,3-Trichlorobenzene
Concen: 0.351 ug/L
RT: 14.331 min Scan# 4056
Delta R.T. 0.006 min
Lab File: VU054579.D
Acq: 16 Jun 2023 17:47

Tgt Ion:180 Resp: 7879
Ion Ratio Lower Upper
180 100
182 100.4 75.4 113.2
145 35.1 26.0 39.0

