

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
 Data File : VU058411.D
 Acq On : 05 Apr 2024 11:41
 Operator : MD/SY
 Sample : P1925-19DL 10X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 MW-2(20240328)DL

Quant Time: Apr 05 23:34:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 05 23:33:02 2024
 Response via : Initial Calibration

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

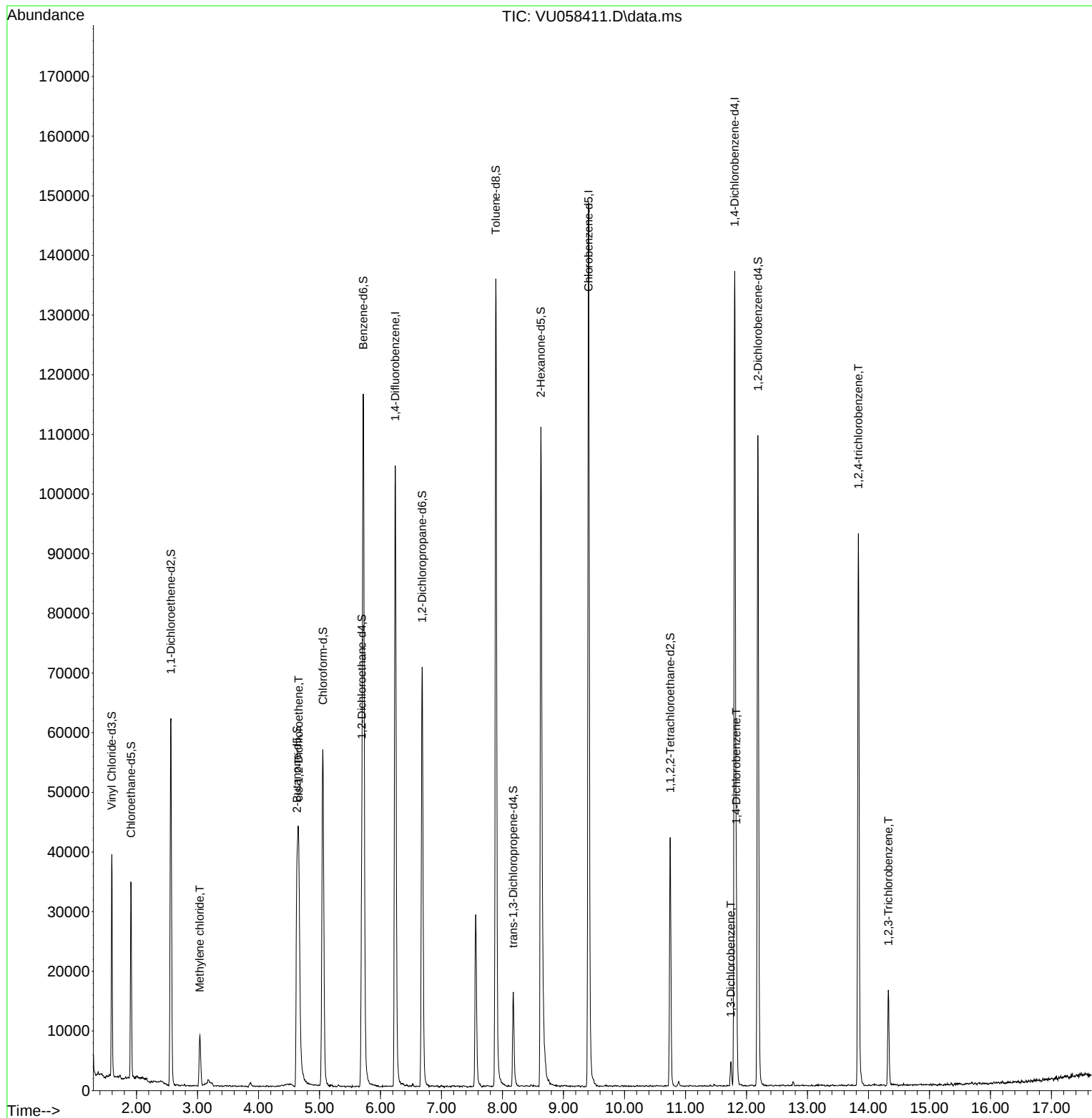
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	82914	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	79719	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	35671	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	26093	4.753	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.911	69	23176	4.858	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.200%
11) 1,1-Dichloroethene-d2	2.563	65	11890	4.785	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	95.800%
20) 2-Butanone-d5	4.631	46	56623	48.946	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.900%
24) Chloroform-d	5.055	84	53034	4.840	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
26) 1,2-Dichloroethane-d4	5.695	65	26472	5.176	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.600%
32) Benzene-d6	5.717	84	108465	5.054	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
36) 1,2-Dichloropropane-d6	6.682	67	34063	5.061	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.200%
41) Toluene-d8	7.891	98	89952	4.726	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.600%
43) trans-1,3-Dichloroprop...	8.177	79	9915	4.746	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.000%
46) 2-Hexanone-d5	8.627	63	39341	45.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.300%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21255	4.473	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.187	152	28775	4.790	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.800%
Target Compounds						
					Qvalue	
16) Methylene chloride	3.036	84	3784	0.485	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	14297	2.067	ug/L	87
64) 1,3-Dichlorobenzene	11.743	146	2085	0.164	ug/L	92
65) 1,4-Dichlorobenzene	11.833	146	10935	0.885	ug/L	96
70) 1,2,4-trichlorobenzene	13.836	180	29520	4.081	ug/L	99
72) 1,2,3-Trichlorobenzene	14.325	180	5201	0.871	ug/L	98

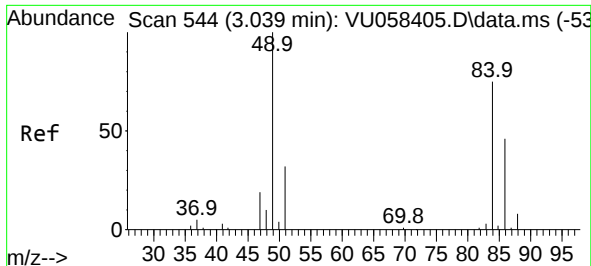
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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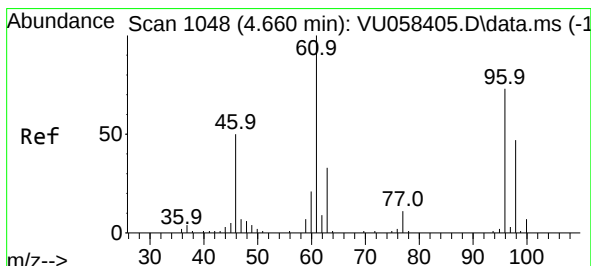
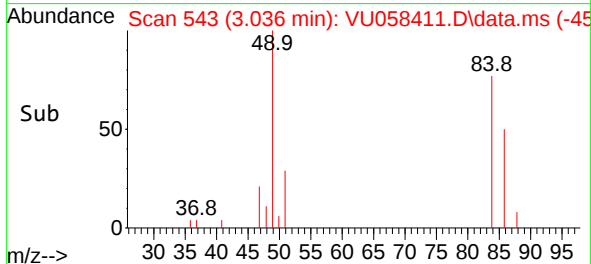
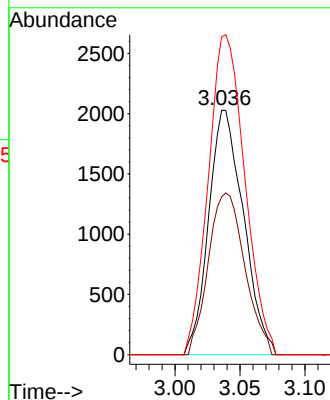
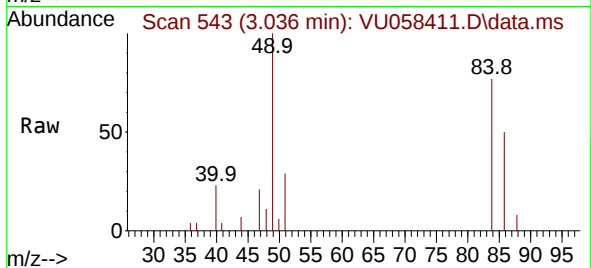




#16
Methylene chloride
Concen: 0.485 ug/L
RT: 3.036 min Scan# 544
Delta R.T. -0.003 min
Lab File: VU058411.D
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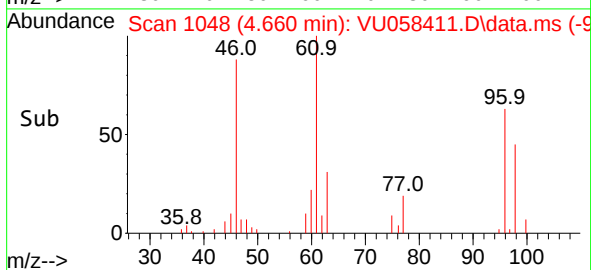
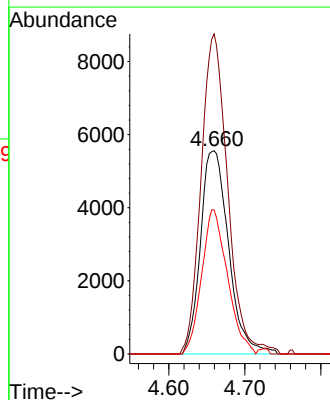
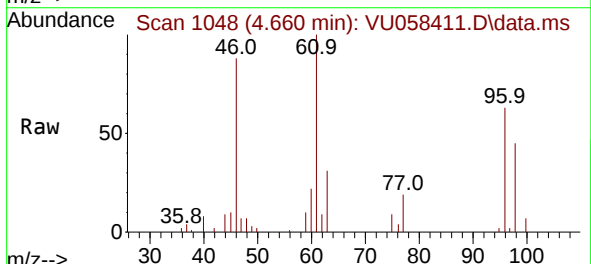
Instrument :
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ClientSampleId :
MW-2(20240328)DL

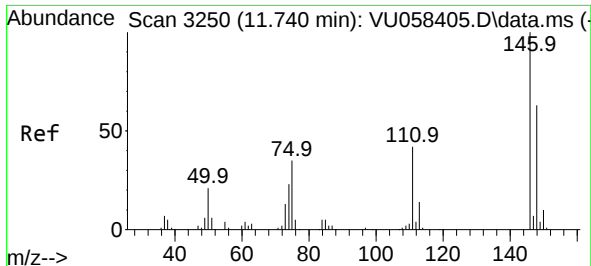
Tgt Ion: 84 Resp: 3784
Ion Ratio Lower Upper
84 100
86 64.5 44.3 82.3
49 130.1 96.0 178.2



#22
cis-1,2-Dichloroethene
Concen: 2.067 ug/L
RT: 4.660 min Scan# 1048
Delta R.T. -0.000 min
Lab File: VU058411.D
Acq: 05 Apr 2024 11:41

Tgt Ion: 96 Resp: 14297
Ion Ratio Lower Upper
96 100
61 157.5 98.1 182.3
98 70.9 43.6 81.0

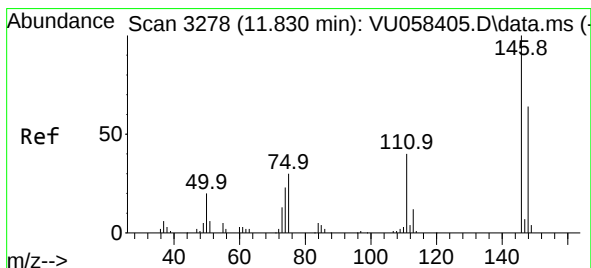
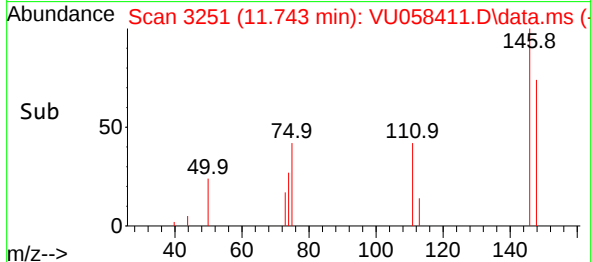
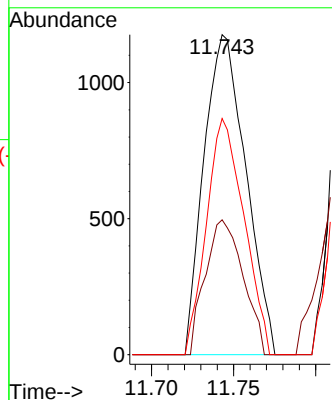
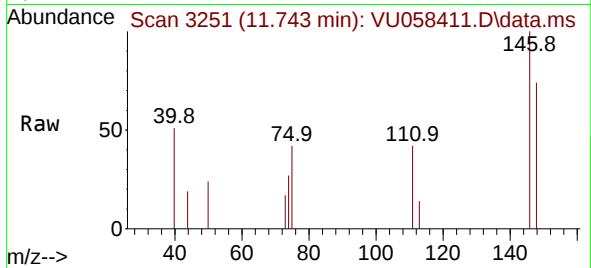




#64
1,3-Dichlorobenzene
Concen: 0.164 ug/L
RT: 11.743 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU058411.D
Acq: 05 Apr 2024 11:41

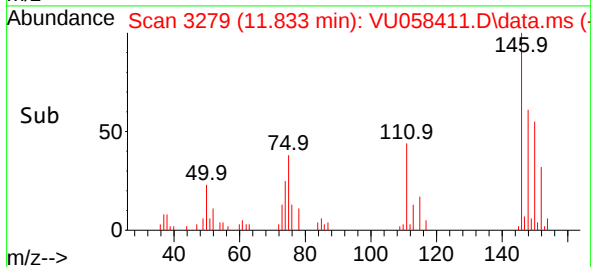
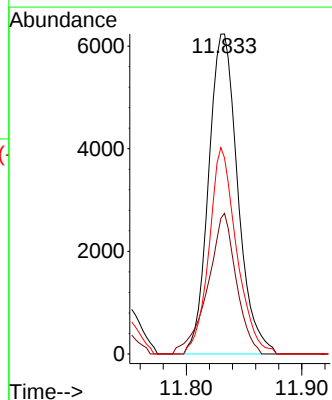
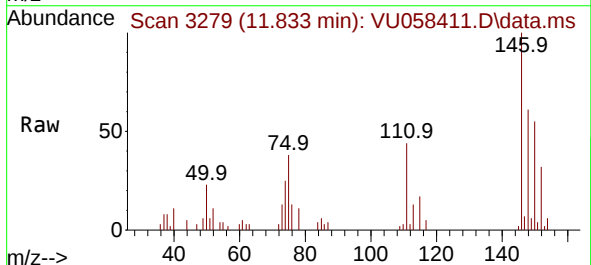
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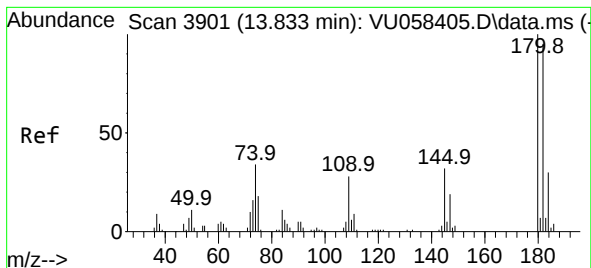
Tgt Ion:146 Resp: 2085
Ion Ratio Lower Upper
146 100
111 42.2 28.8 53.4
148 73.8 44.9 83.3



#65
1,4-Dichlorobenzene
Concen: 0.885 ug/L
RT: 11.833 min Scan# 3279
Delta R.T. 0.003 min
Lab File: VU058411.D
Acq: 05 Apr 2024 11:41

Tgt Ion:146 Resp: 10935
Ion Ratio Lower Upper
146 100
111 44.0 28.8 53.6
148 61.2 45.3 84.1





#70

1,2,4-trichlorobenzene

Concen: 4.081 ug/L

RT: 13.836 min Scan# 3901

Delta R.T. 0.003 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Instrument :

MSVOA_U

ClientSampleId :

MW-2(20240328)DL

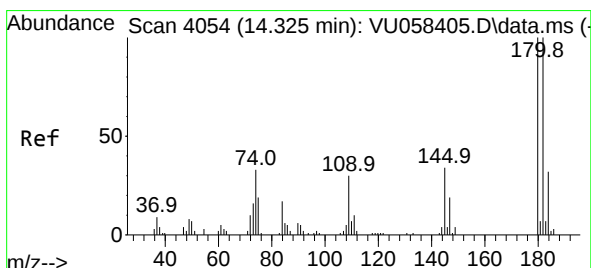
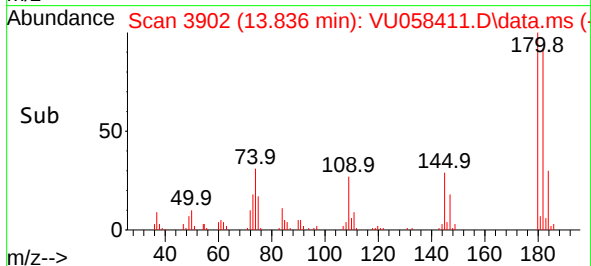
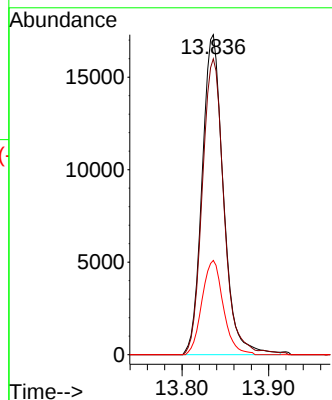
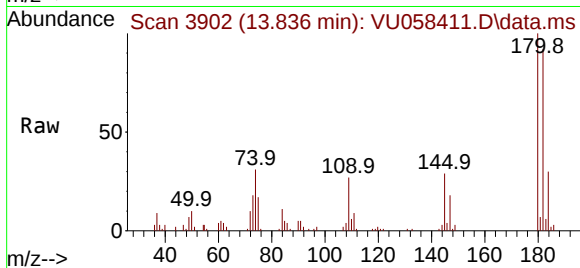
Tgt Ion:180 Resp: 29520

Ion Ratio Lower Upper

180 100

182 94.3 74.4 111.6

145 29.5 24.1 36.1



#72

1,2,3-Trichlorobenzene

Concen: 0.871 ug/L

RT: 14.325 min Scan# 4054

Delta R.T. -0.000 min

Lab File: VU058411.D

Acq: 05 Apr 2024 11:41

Tgt Ion:180 Resp: 5201

Ion Ratio Lower Upper

180 100

182 94.3 75.9 113.9

145 33.9 25.2 37.8

