

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090122\
 Data File : VU050586.D
 Acq On : 01 Sep 2022 17:21
 Operator : SY/MD
 Sample : N4458-02DL 500X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0KW5DL

Quant Time: Sep 02 02:10:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Sep 02 02:07:32 2022
 Response via : Initial Calibration

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

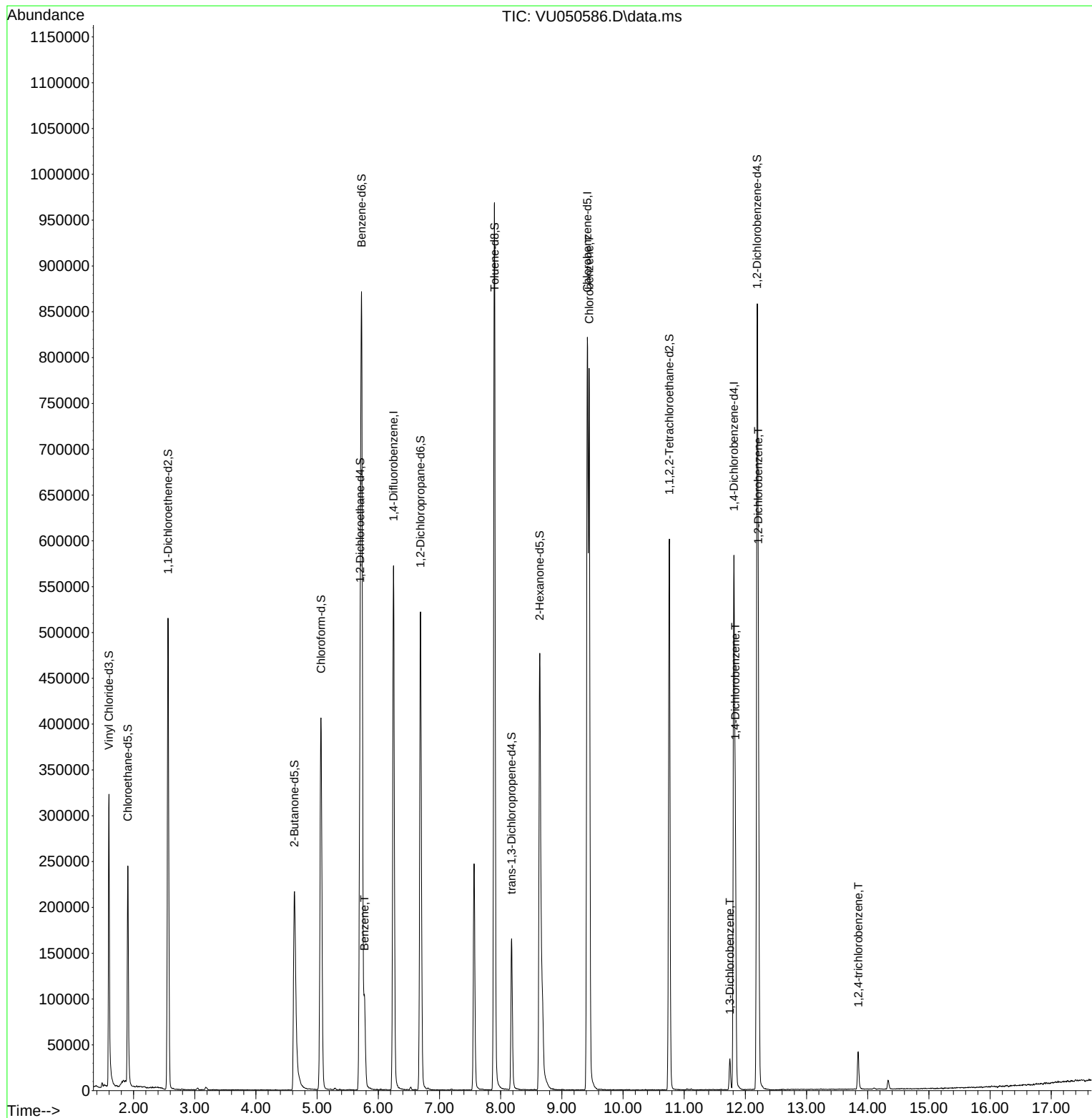
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	463582	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	443567	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	152136	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	259319	72.935	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 145.860%#		
7) Chloroethane-d5	1.906	69	182052	65.674	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 131.340%#		
11) 1,1-Dichloroethene-d2	2.562	63	305593	50.906	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 101.820%		
21) 2-Butanone-d5	4.629	46	347673	111.808	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 111.810%		
24) Chloroform-d	5.063	84	390632	56.464	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 112.920%		
26) 1,2-Dichloroethane-d4	5.703	65	250722	55.792	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 111.580%		
32) Benzene-d6	5.726	84	825403	60.038	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 120.080%		
36) 1,2-Dichloropropane-d6	6.690	67	269690	58.915	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 117.840%		
41) Toluene-d8	7.899	98	667048	55.772	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 111.540%		
43) trans-1,3-Dichloroprop...	8.179	79	96491	52.413	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 104.820%		
47) 2-Hexanone-d5	8.636	63	144421	87.136	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 87.140%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	323527	45.312	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 90.620%		
66) 1,2-Dichlorobenzene-d4	12.192	152	201368	61.134	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 122.260%#		
Target Compounds						
						Qvalue
33) Benzene	5.774	78	89245	5.538	ug/L	100
51) Chlorobenzene	9.446	112	407312	40.941	ug/L	99
64) 1,3-Dichlorobenzene	11.748	146	13974	2.700	ug/L	96
65) 1,4-Dichlorobenzene	11.835	146	107456	20.473	ug/L	98
67) 1,2-Dichlorobenzene	12.211	146	153921	27.430	ug/L	98
70) 1,2,4-trichlorobenzene	13.844	180	13882	4.406	ug/L	99

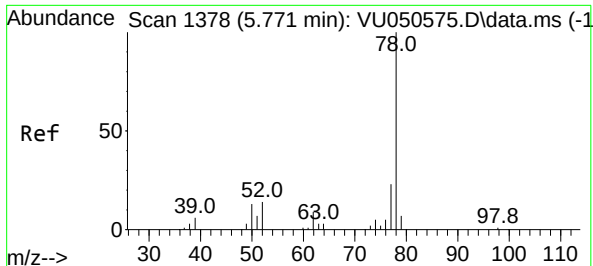
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM083022WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 02 02:07:32 2022
Response via : Initial Calibration





#33

Benzene

Concen: 5.538 ug/L

RT: 5.774 min Scan# 1

Delta R.T. 0.003 min

Lab File: VU050586.D

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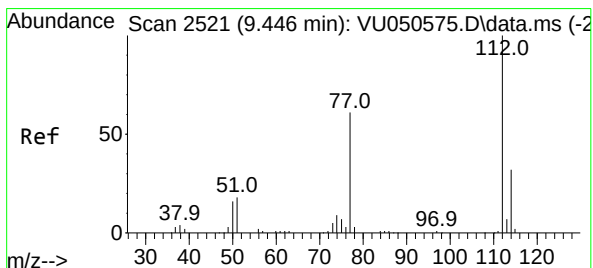
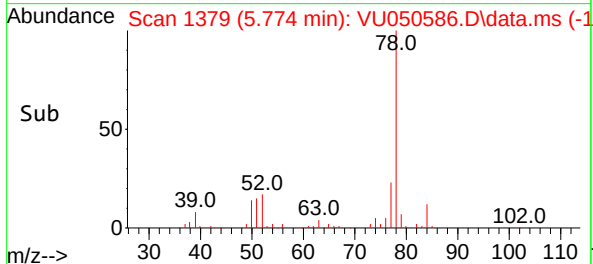
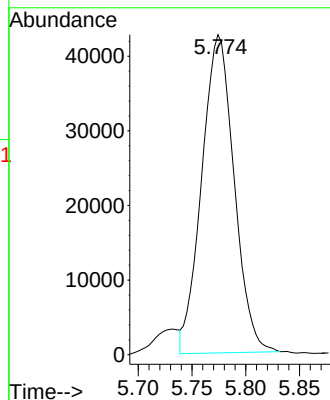
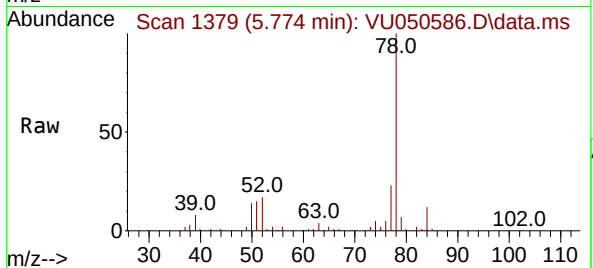
Instrument :

MSVOA_U

ClientSampleId :

C0KW5DL

Tgt Ion: 78 Resp: 89245



#51

Chlorobenzene

Concen: 40.941 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. 0.000 min

Lab File: VU050586.D

Acq: 01 Sep 2022 17:21

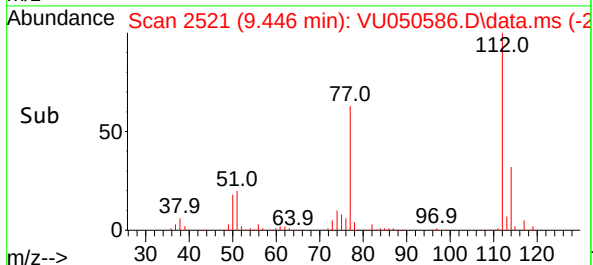
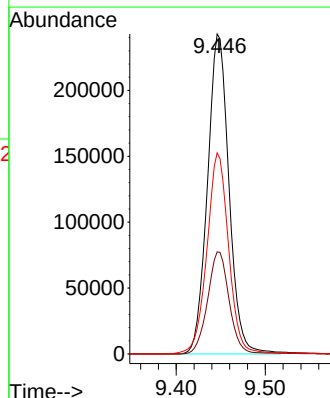
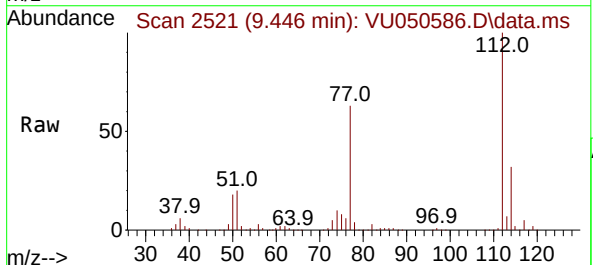
Tgt Ion: 112 Resp: 407312

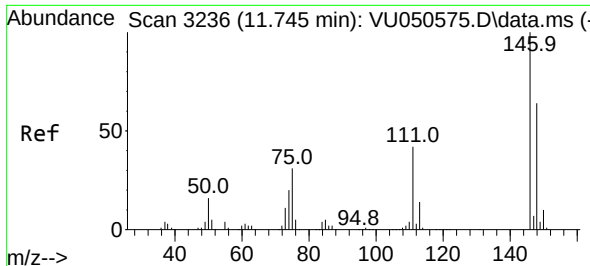
Ion Ratio Lower Upper

112 100

114 31.9 23.0 42.6

77 62.9 49.4 74.2

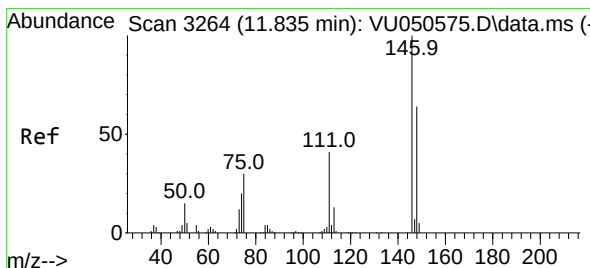
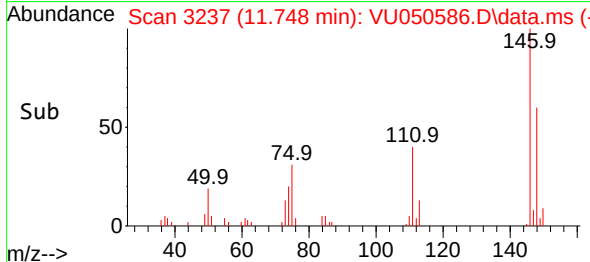
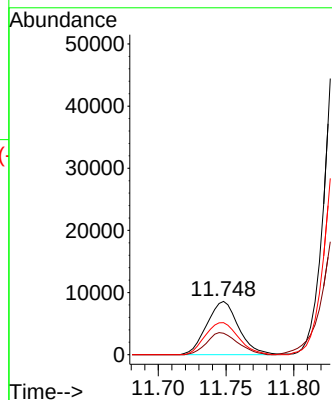
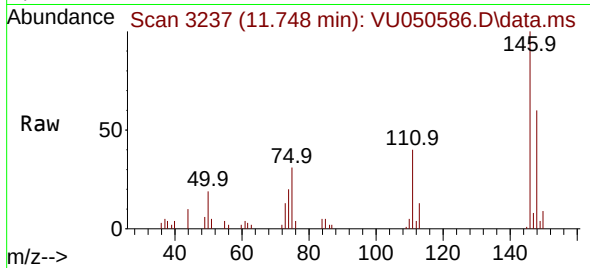




#64
1,3-Dichlorobenzene
Concen: 2.700 ug/L
RT: 11.748 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

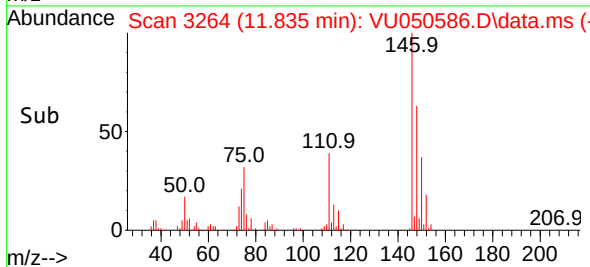
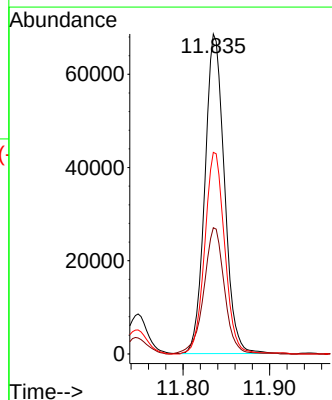
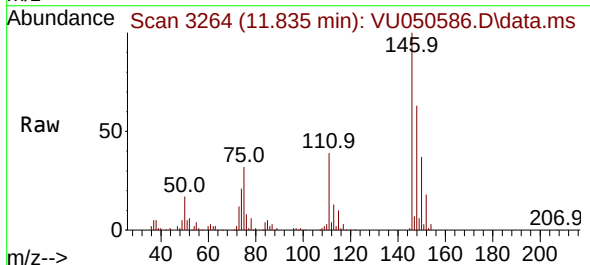
Instrument :
MSVOA_U
ClientSampleId :
C0KW5DL

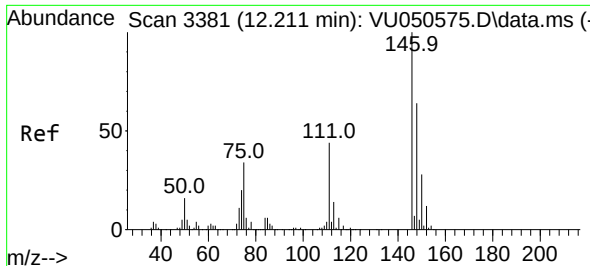
Tgt Ion:146 Resp: 13974
Ion Ratio Lower Upper
146 100
111 40.1 28.4 52.8
148 60.1 45.0 83.6



#65
1,4-Dichlorobenzene
Concen: 20.473 ug/L
RT: 11.835 min Scan# 3264
Delta R.T. 0.000 min
Lab File: VU050586.D
Acq: 01 Sep 2022 17:21

Tgt Ion:146 Resp: 107456
Ion Ratio Lower Upper
146 100
111 39.5 28.2 52.4
148 63.0 45.0 83.6





#67

1,2-Dichlorobenzene

Concen: 27.430 ug/L

RT: 12.211 min Scan# 31

Delta R.T. 0.000 min

Lab File: VU050586.D

Acq: 01 Sep 2022 17:21

Instrument :

MSVOA_U

ClientSampleId :

C0KW5DL

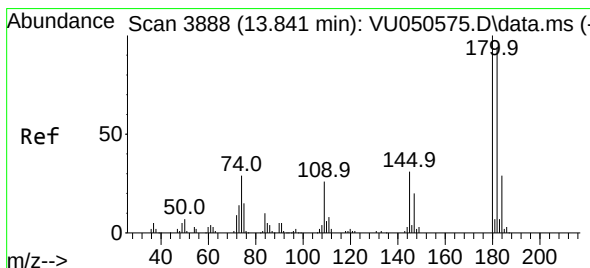
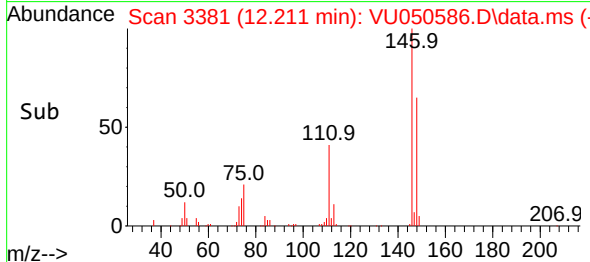
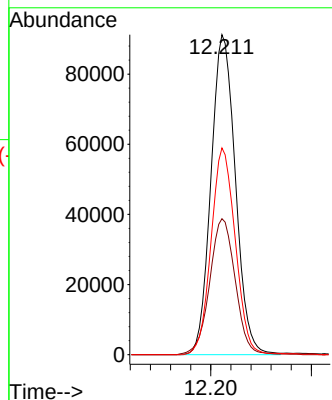
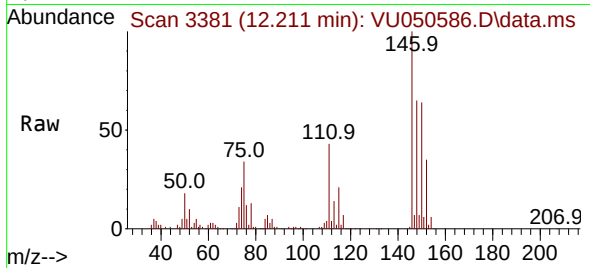
Tgt Ion:146 Resp: 153921

Ion Ratio Lower Upper

146 100

111 42.5 33.4 50.2

148 64.6 49.9 74.9



#70

1,2,4-trichlorobenzene

Concen: 4.406 ug/L

RT: 13.844 min Scan# 3889

Delta R.T. 0.003 min

Lab File: VU050586.D

Acq: 01 Sep 2022 17:21

Tgt Ion:180 Resp: 13882

Ion Ratio Lower Upper

180 100

182 96.7 76.6 115.0

145 31.6 24.2 36.4

