

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047094.D
 Acq On : 10 Feb 2022 23:16
 Operator : SY/MD
 Sample : N1462-10
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Feb 11 01:18:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

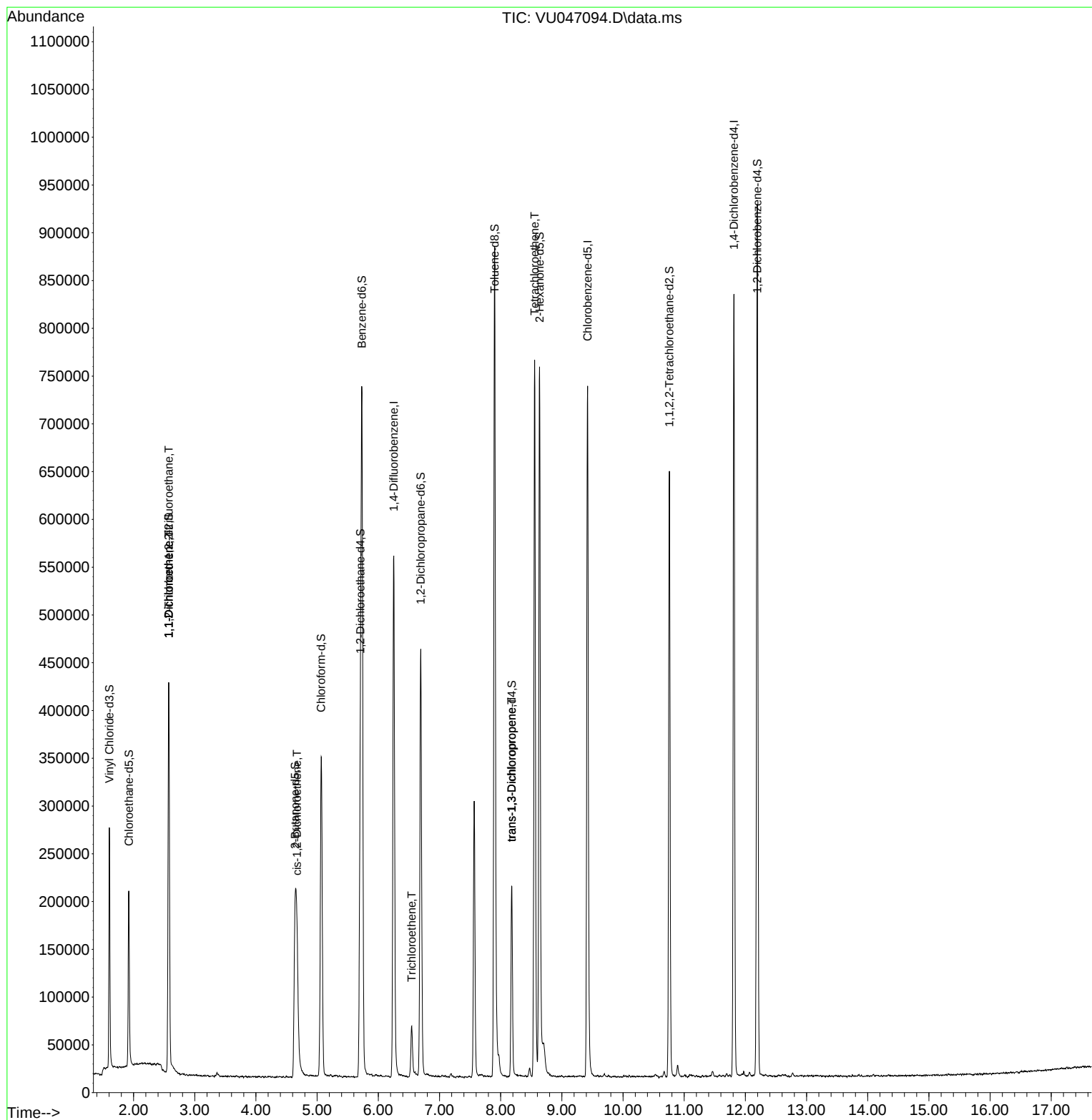
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	472232	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	438486	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	221161	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	184881	43.108	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	86.220%		
7) Chloroethane-d5	1.922	69	143222	45.048	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	90.100%		
11) 1,1-Dichloroethene-d2	2.575	63	245367	34.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	69.040%		
21) 2-Butanone-d5	4.642	46	392509	118.004	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	118.000%		
24) Chloroform-d	5.067	84	312269	44.850	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.700%		
26) 1,2-Dichloroethane-d4	5.706	65	208362	46.625	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.240%		
32) Benzene-d6	5.732	84	679409	46.606	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	93.220%		
36) 1,2-Dichloropropane-d6	6.693	67	219253	46.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.760%		
41) Toluene-d8	7.899	98	635203	45.764	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.520%		
43) trans-1,3-Dichloroprop...	8.182	79	112928	45.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.160%		
47) 2-Hexanone-d5	8.636	63	285105	105.269	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.270%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	321867	46.693	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.380%		
66) 1,2-Dichlorobenzene-d4	12.195	152	246722	47.038	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	94.080%		
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-...	2.575	101	2372	0.758	ug/L #	21
12) 1,1-Dichloroethene	2.575	96	2000	0.651	ug/L #	1
20) cis-1,2-Dichloroethene	4.671	96	34171	9.575	ug/L	91
34) Trichloroethene	6.546	95	17170	4.833	ug/L	94
44) trans-1,3-Dichloropropene	8.179	75	4492	0.785	ug/L	86
46) Tetrachloroethene	8.555	164	177785	62.210	ug/L	98

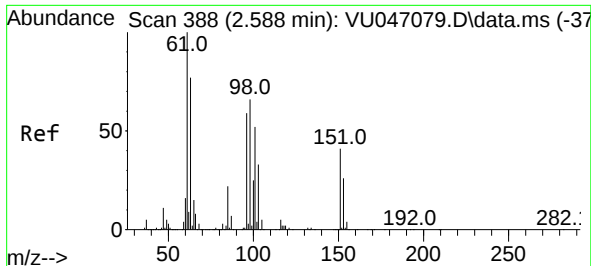
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration

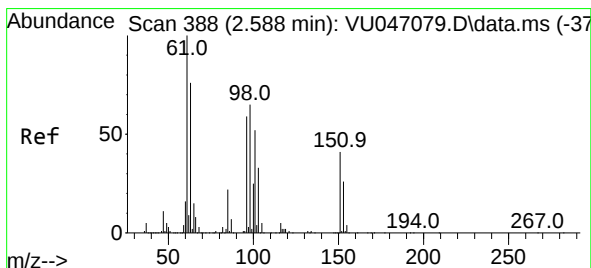
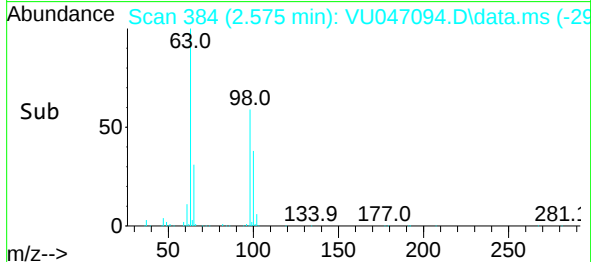
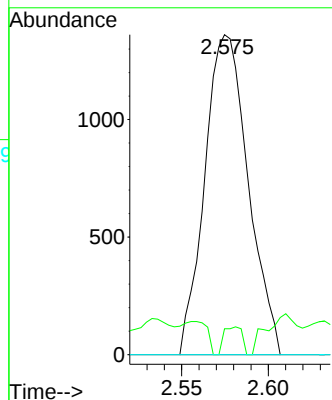
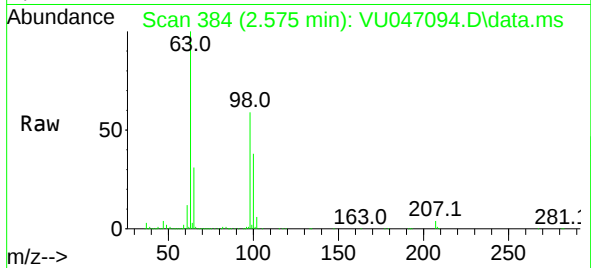




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.758 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047094.D
 Acq: 10 Feb 2022 23:16

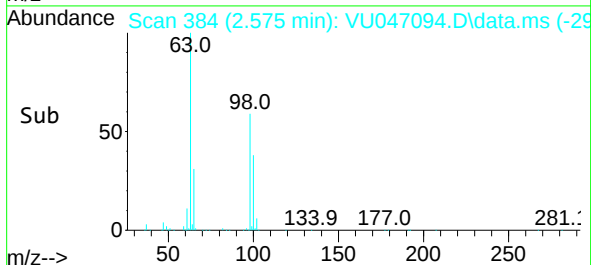
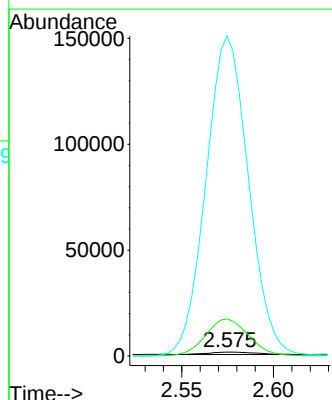
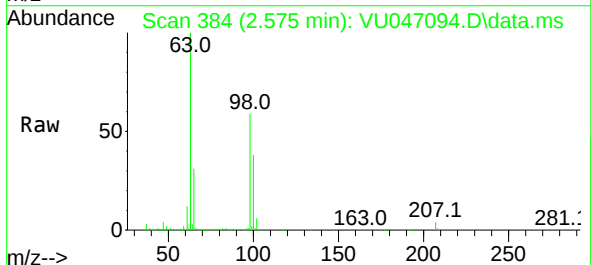
Instrument :
 MSVOA_U
 ClientSampleId :

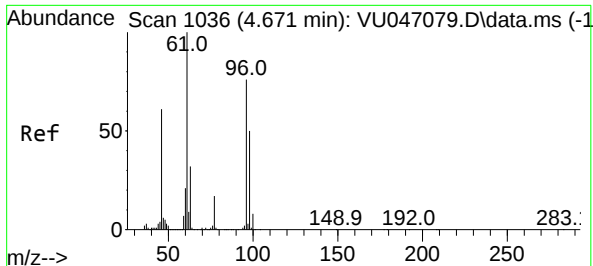
Tgt Ion:101 Resp: 2372
 Ion Ratio Lower Upper
 101 100
 85 0.9 34.9 52.3#
 151 0.0 58.3 87.5#



#12
 1,1-Dichloroethene
 Concen: 0.651 ug/L
 RT: 2.575 min Scan# 384
 Delta R.T. -0.013 min
 Lab File: VU047094.D
 Acq: 10 Feb 2022 23:16

Tgt Ion: 96 Resp: 2000
 Ion Ratio Lower Upper
 96 100
 61 954.5 114.9 213.3#
 63 8269.6 86.0 159.8#





#20

cis-1,2-Dichloroethene

Concen: 9.575 ug/L

RT: 4.671 min Scan# 1036

Delta R.T. -0.000 min

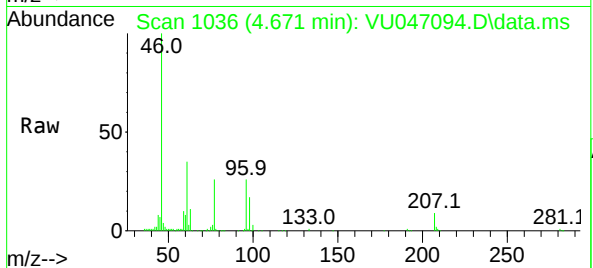
Lab File: VU047094.D

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Instrument :

MSVOA_U

ClientSampleId :



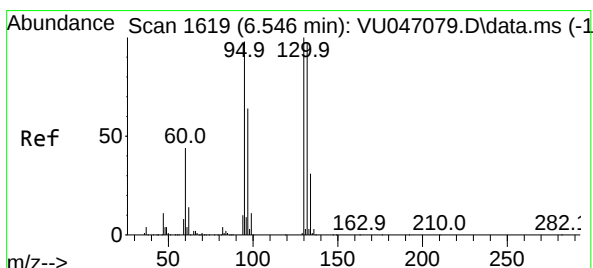
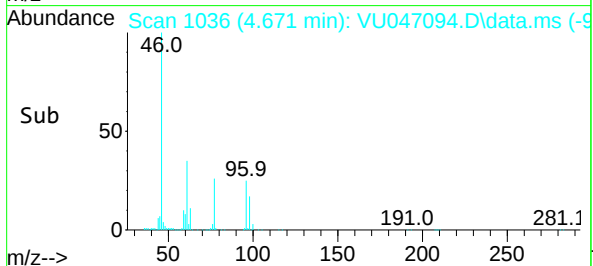
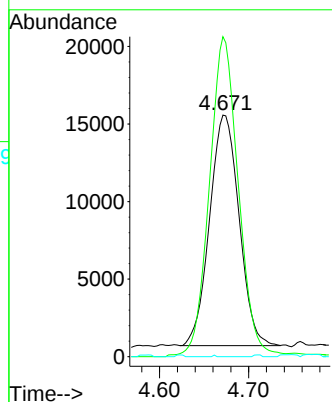
Tgt Ion: 96 Resp: 34171

Ion Ratio Lower Upper

96 100

61 132.5 86.0 159.6

68 0.0 0.0 0.0



#34

Trichloroethene

Concen: 4.833 ug/L

RT: 6.546 min Scan# 1619

Delta R.T. -0.000 min

Lab File: VU047094.D

Acq: 10 Feb 2022 23:16

Tgt Ion: 95 Resp: 17170

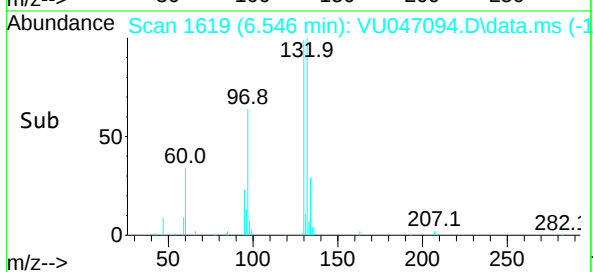
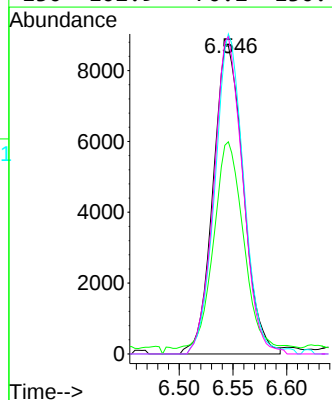
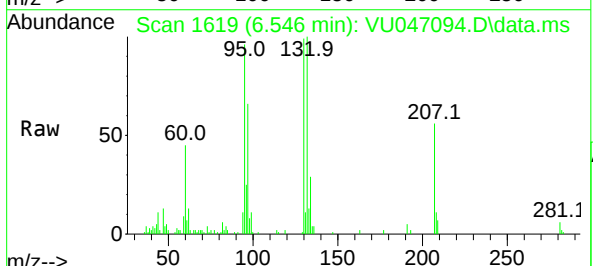
Ion Ratio Lower Upper

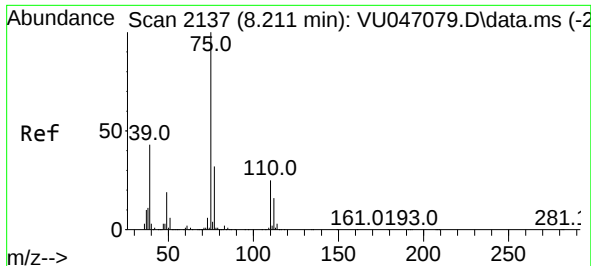
95 100

97 68.8 45.1 83.7

132 103.8 66.7 123.9

130 102.9 70.2 130.4

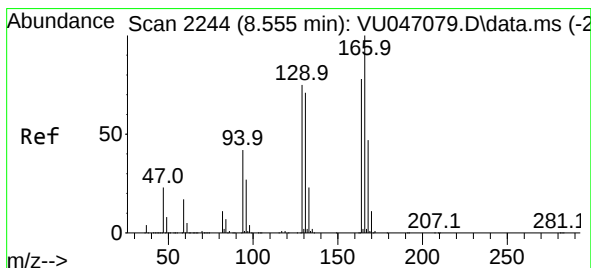
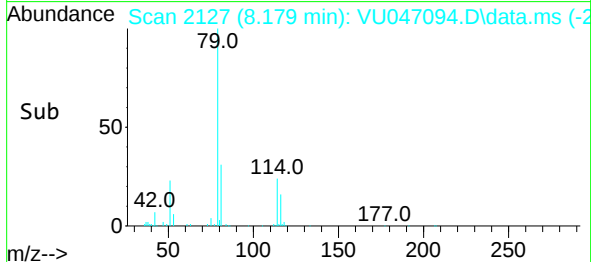
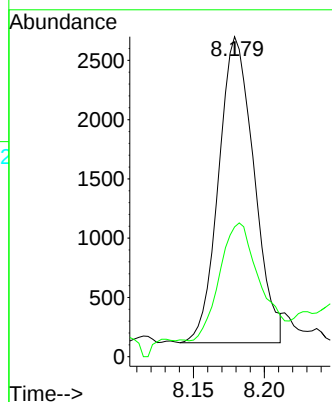
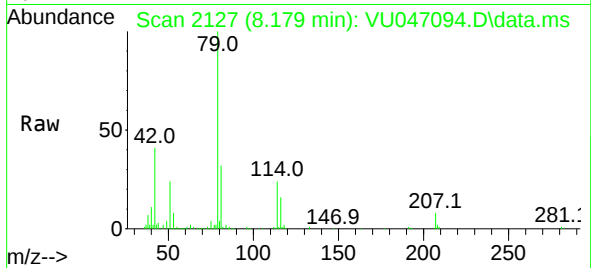




#44
trans-1,3-Dichloropropene
Concen: 0.785 ug/L
RT: 8.179 min Scan# 2137
Delta R.T. -0.032 min
Lab File: VU047094.D
Acq: 10 Feb 2022 23:16

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 4492
Ion Ratio Lower Upper
75 100
77 40.6 23.0 42.8



#46
Tetrachloroethene
Concen: 62.210 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU047094.D
Acq: 10 Feb 2022 23:16

Tgt Ion:164 Resp: 177785
Ion Ratio Lower Upper
164 100
129 95.5 69.5 129.1
131 92.5 67.0 124.4
166 129.1 90.6 168.2

