

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
 Data File : VU058484.D
 Acq On : 08 Apr 2024 21:43
 Operator : MD/SY
 Sample : P2013-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EOMB0

Quant Time: Apr 09 05:51:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Apr 09 05:30:00 2024
 Response via : Initial Calibration

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

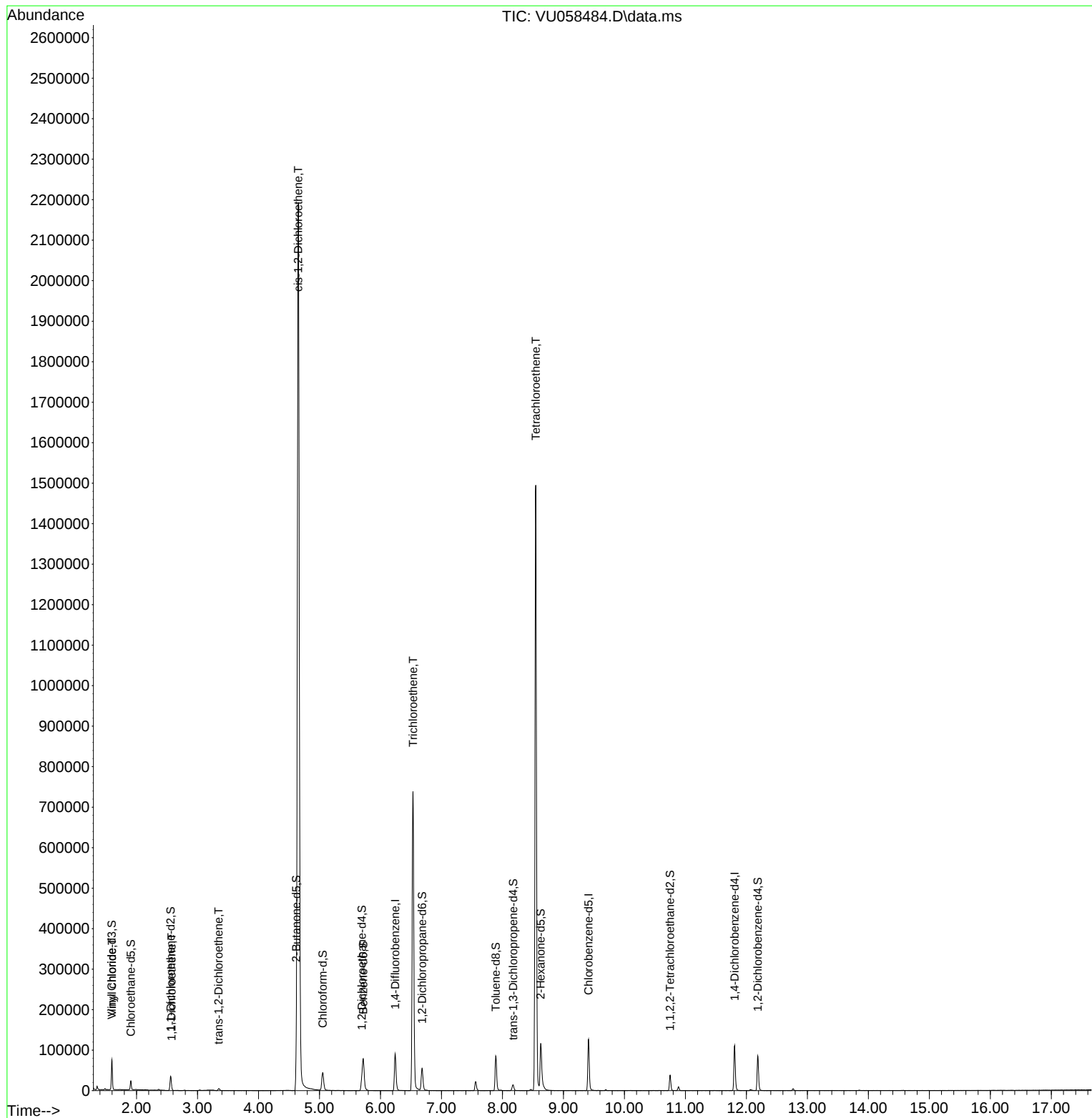
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	69639	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	67998	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	28956	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	14011	3.039	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.800%
7) Chloroethane-d5	1.907	69	14655	3.658	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	73.200%
11) 1,1-Dichloroethene-d2	2.560	65	6537	3.133	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.600%
20) 2-Butanone-d5	4.621	46	57053	58.719	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	117.440%
24) Chloroform-d	5.052	84	41618	4.522	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.695	65	20778	4.837	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.717	84	72307	3.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.000%
36) 1,2-Dichloropropane-d6	6.682	67	26818	4.671	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.400%
41) Toluene-d8	7.891	98	57481	3.541	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.800%
43) trans-1,3-Dichloroprop...	8.177	79	7687	4.313	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.200%
46) 2-Hexanone-d5	8.627	63	40733	55.416	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.840%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	19509	4.813	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.200%
66) 1,2-Dichlorobenzene-d4	12.187	152	22414	4.596	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.000%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	37596	5.299	ug/L	100
12) 1,1-Dichloroethene	2.576	96	899	0.182	ug/L	# 1
18) trans-1,2-Dichloroethene	3.345	96	1864	0.360	ug/L	80
22) cis-1,2-Dichloroethene	4.653	96	1062226	182.868	ug/L	96
34) Trichloroethene	6.534	95	255367	41.100	ug/L	97
47) Tetrachloroethene	8.547	164	306204	67.226	ug/L	98

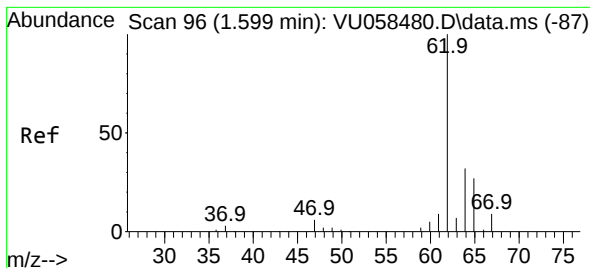
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 5.299 ug/L

RT: 1.599 min Scan# 9

Delta R.T. -0.000 min

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Instrument :

MSVOA_U

ClientSampleId :

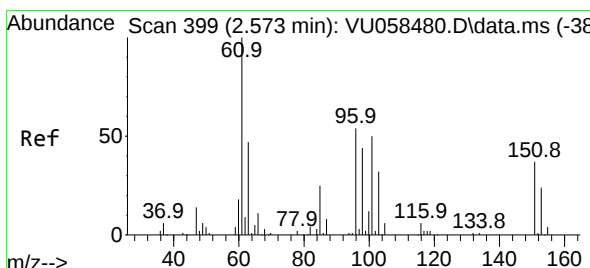
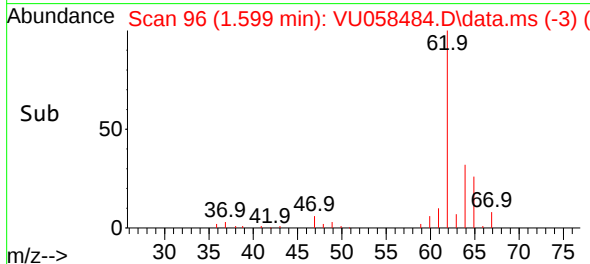
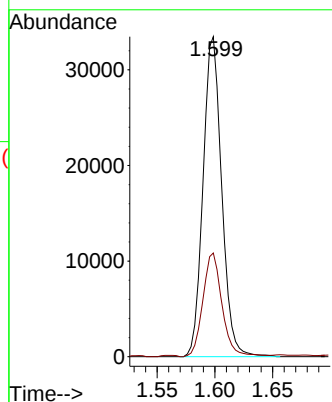
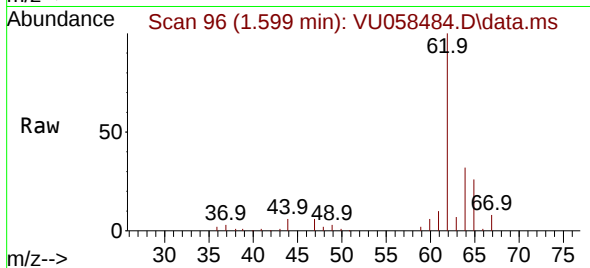
EOMB0

Tgt Ion: 62 Resp: 37596

Ion Ratio Lower Upper

62 100

64 32.4 22.6 42.0



#12

1,1-Dichloroethene

Concen: 0.182 ug/L

RT: 2.576 min Scan# 400

Delta R.T. 0.003 min

Lab File: VU058484.D

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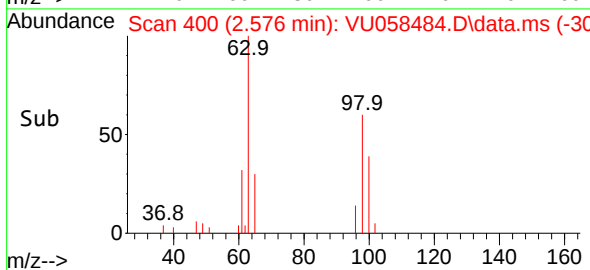
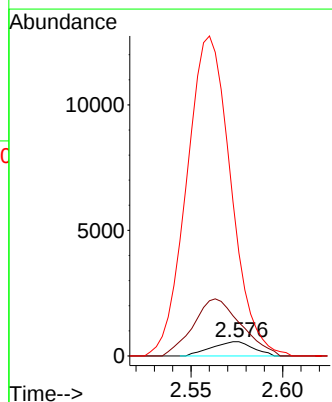
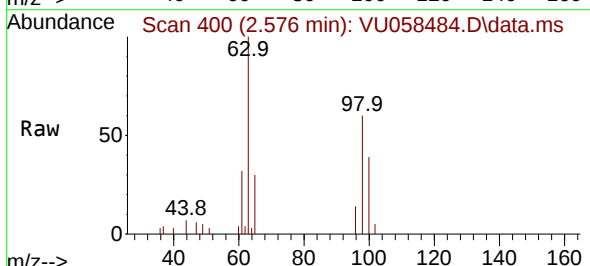
Tgt Ion: 96 Resp: 899

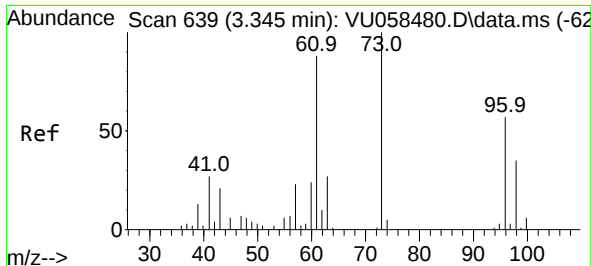
Ion Ratio Lower Upper

96 100

61 234.4 132.5 246.1

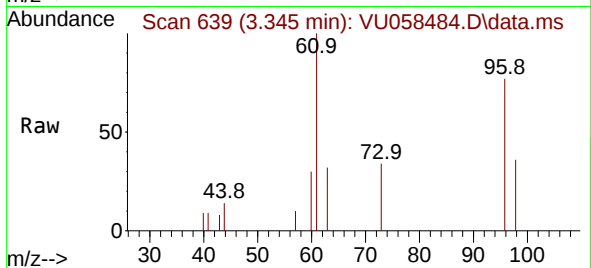
63 721.8 87.7 162.9#



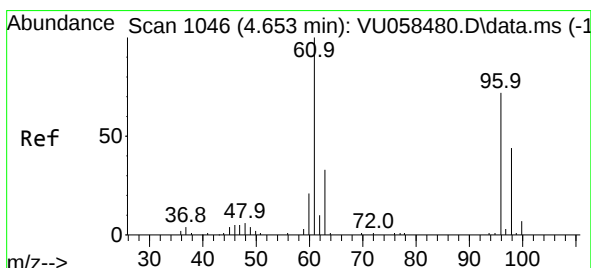
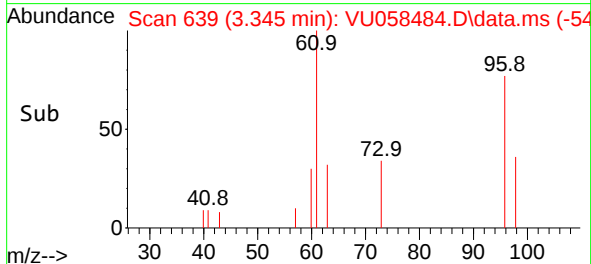
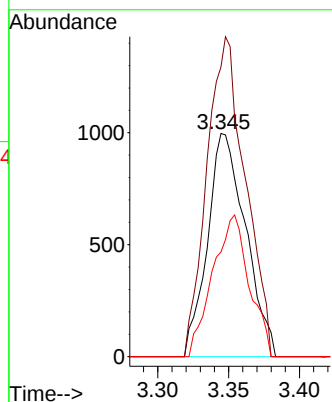


#18
trans-1,2-Dichloroethene
Concen: 0.360 ug/L
RT: 3.345 min Scan# 61
Delta R.T. -0.000 min
Lab File: VU058484.D
Acq: 08 Apr 2024 21:43

Instrument :
MSVOA_U
ClientSampleId :
EOMB0

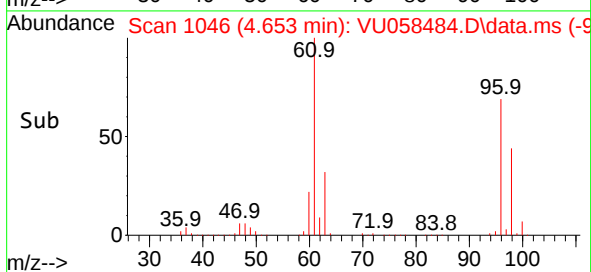
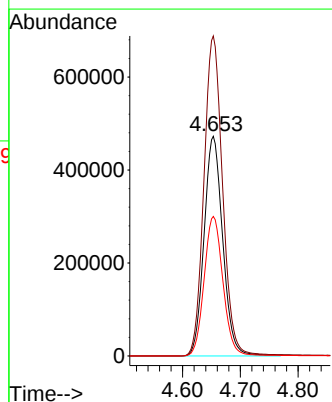
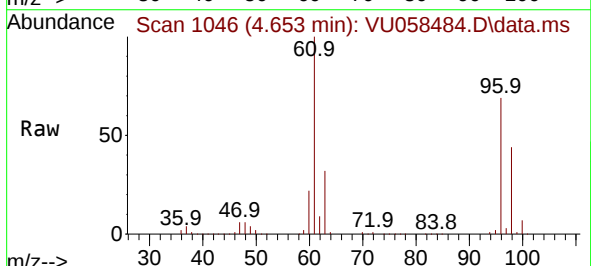


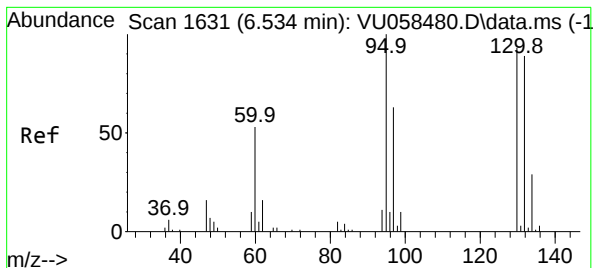
Tgt Ion: 96 Resp: 1864
Ion Ratio Lower Upper
96 100
61 129.9 107.6 199.8
98 46.9 45.1 83.7



#22
cis-1,2-Dichloroethene
Concen: 182.868 ug/L
RT: 4.653 min Scan# 1046
Delta R.T. -0.000 min
Lab File: VU058484.D
Acq: 08 Apr 2024 21:43

Tgt Ion: 96 Resp: 1062226
Ion Ratio Lower Upper
96 100
61 145.6 98.1 182.3
98 63.5 43.6 81.0





#34

Trichloroethene

Concen: 41.100 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU058484.D

Acq: 08 Apr 2024 21:43

Instrument :

MSVOA_U

ClientSampleId :

EOMB0

Tgt Ion: 95 Resp: 255367

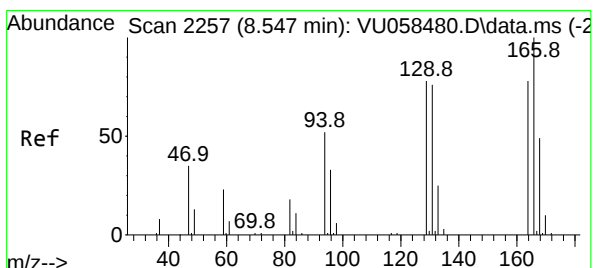
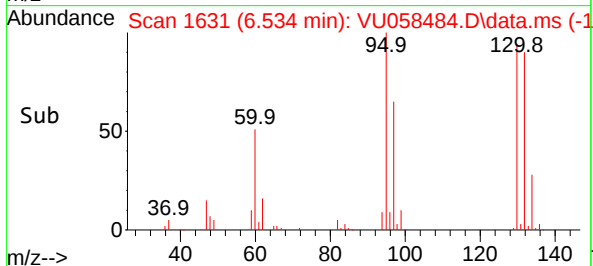
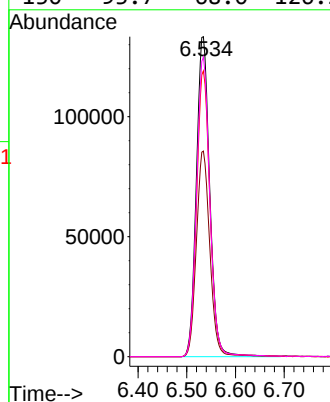
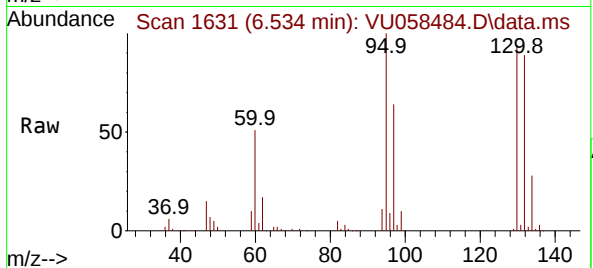
Ion Ratio Lower Upper

95 100

97 64.3 45.6 84.6

132 89.3 64.8 120.3

130 93.7 68.0 126.2



#47

Tetrachloroethene

Concen: 67.226 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU058484.D

Acq: 08 Apr 2024 21:43

Tgt Ion: 164 Resp: 306204

Ion Ratio Lower Upper

164 100

129 99.8 67.3 125.1

131 95.3 65.5 121.6

166 128.2 89.5 166.1

