

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW073024\
 Data File : VW029796.D
 Acq On : 30 Jul 2024 10:39
 Operator : SY/MD
 Sample : P3361-23
 Misc : 9.79g/10mL/MSVOA_W/SOIL/B
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 E20Q3

Quant Time: Jul 31 01:59:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM072424SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Jul 31 01:58:39 2024
 Response via : Initial Calibration

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

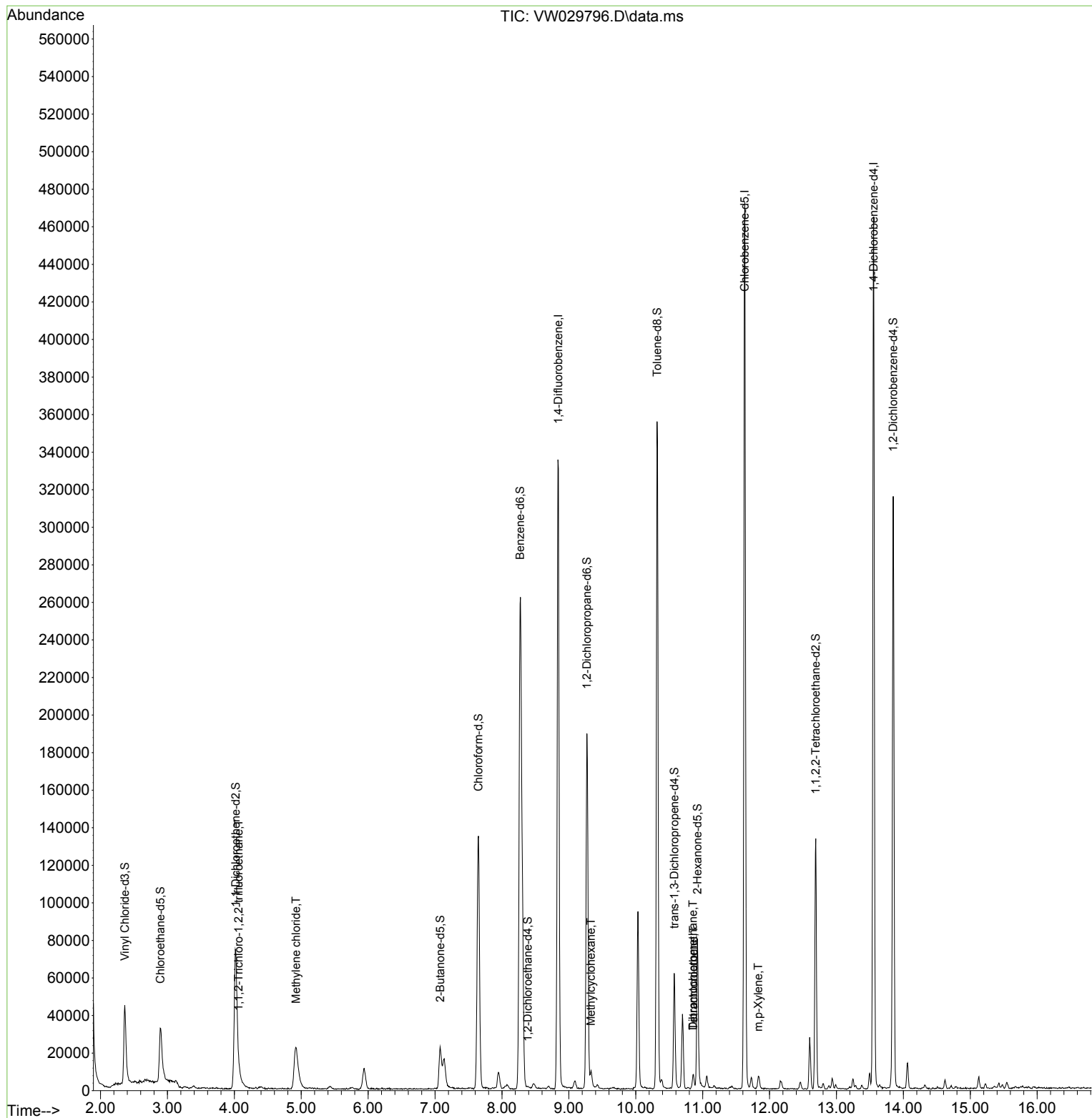
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	254093	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	241165	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	111117	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.363	65	60032	16.642	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.560%
7) Chloroethane-d5	2.893	69	47357	18.388	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.560%
11) 1,1-Dichloroethene-d2	4.021	65	28379	17.234	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.920%
21) 2-Butanone-d5	7.075	46	38415	38.854	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.700%
24) Chloroform-d	7.648	84	134075	20.384	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	81.520%
26) 1,2-Dichloroethane-d4	8.386	65	170	0.045	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.200%#
32) Benzene-d6	8.270	84	256284	19.668	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	78.680%
36) 1,2-Dichloropropane-d6	9.270	67	85007	20.431	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.720%
41) Toluene-d8	10.319	98	224168	19.348	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	77.400%
43) trans-1,3-Dichloroprop...	10.575	79	31495	18.707	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	74.840%
47) 2-Hexanone-d5	10.922	63	24515	35.732	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.460%
56) 1,1,2,2-Tetrachloroeth...	12.690	84	64886	21.003	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	75329	21.833	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	87.320%
Target Compounds						
10) 1,1,2-Trichloro-1,2,2-...	4.064	101	1484	0.393	ug/L #	80
16) Methylene chloride	4.923	84	19387	3.650	ug/L	93
35) Methylcyclohexane	9.331	83	2655	0.368	ug/L	93
46) Tetrachloroethene	10.861	164	1506	0.478	ug/L	93
49) Dibromochloromethane	10.855	129	1526	0.483	ug/L #	12
53) m,p-Xylene	11.831	106	1993	0.285	ug/L	65

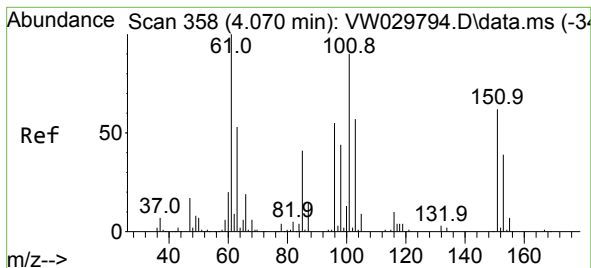
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SFAM01.0
QLast Update : Wed Jul 31 01:58:39 2024
Response via : Initial Calibration





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.393 ug/L

RT: 4.064 min Scan# 3

Delta R.T. -0.006 min

Lab File: VW029796.D

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MSVOA_W

ClientSampleId :

E20Q3

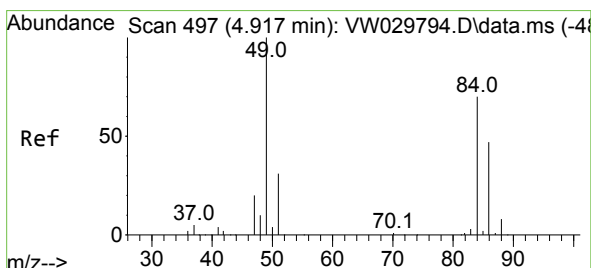
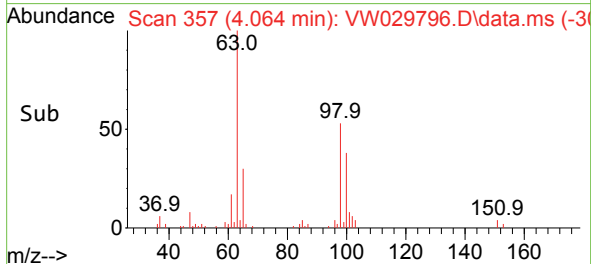
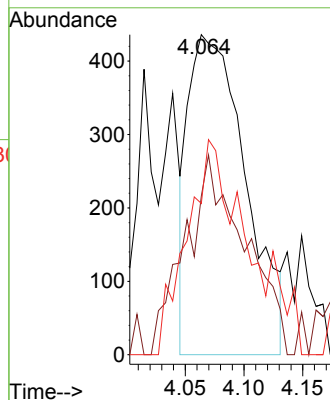
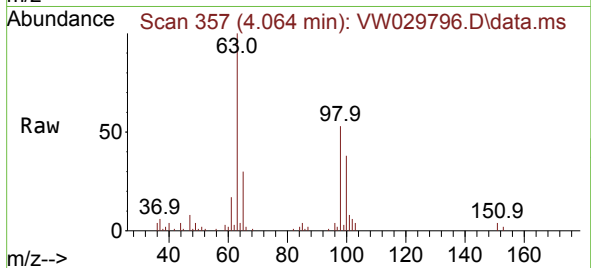
Tgt Ion:101 Resp: 1484

Ion Ratio Lower Upper

101 100

85 48.0 34.2 51.4

151 45.4 54.2 81.2#



#16

Methylene chloride

Concen: 3.650 ug/L

RT: 4.923 min Scan# 498

Delta R.T. 0.006 min

Lab File: VW029796.D

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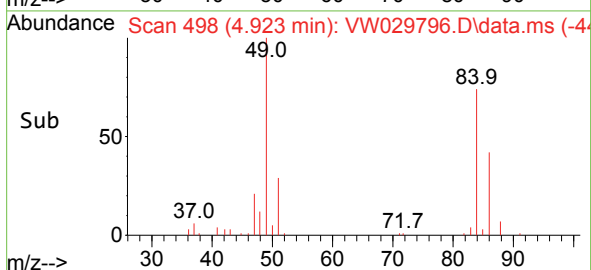
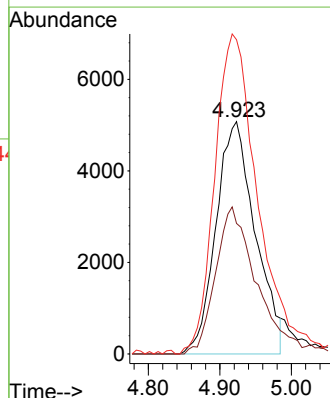
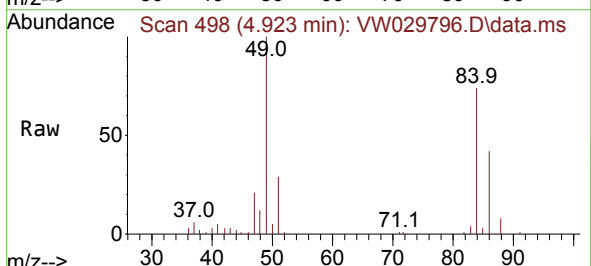
Tgt Ion: 84 Resp: 19387

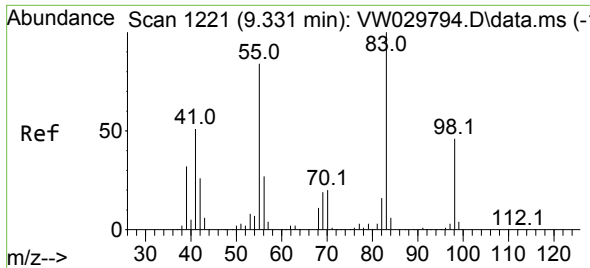
Ion Ratio Lower Upper

84 100

86 56.2 44.7 82.9

49 135.2 99.0 184.0

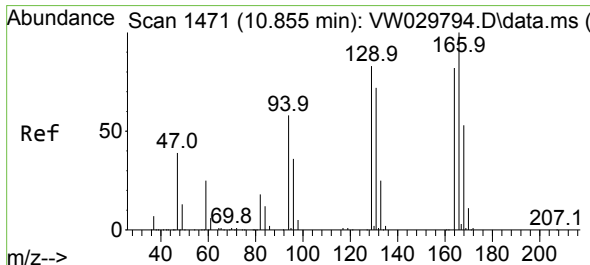
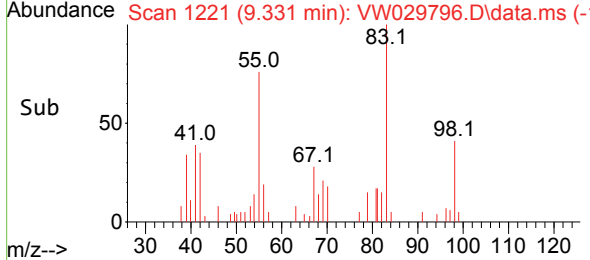
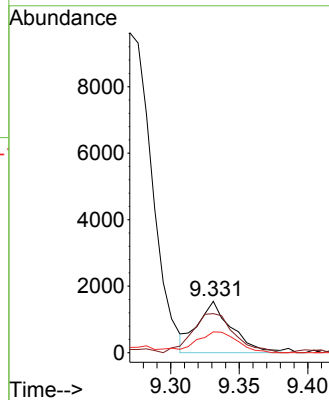
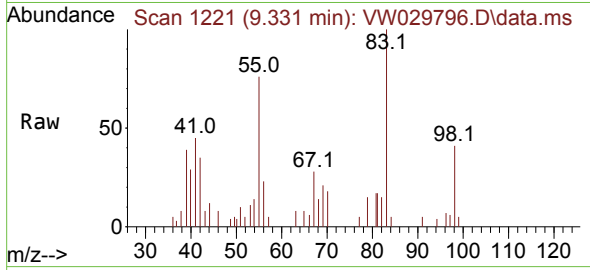




#35
Methylcyclohexane
Concen: 0.368 ug/L
RT: 9.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VW029796.D
Acq: 30 Jul 2024 10:39

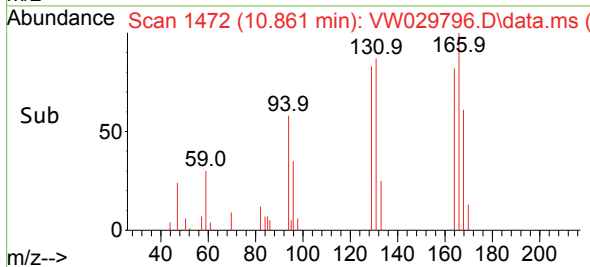
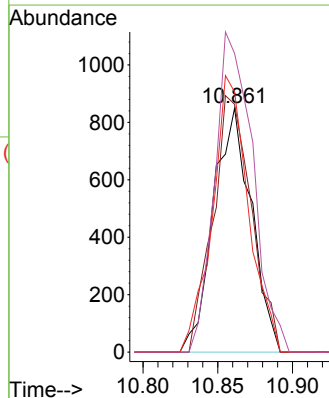
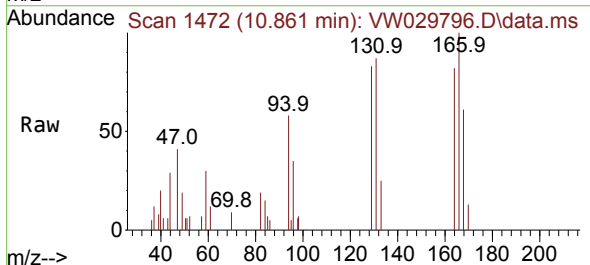
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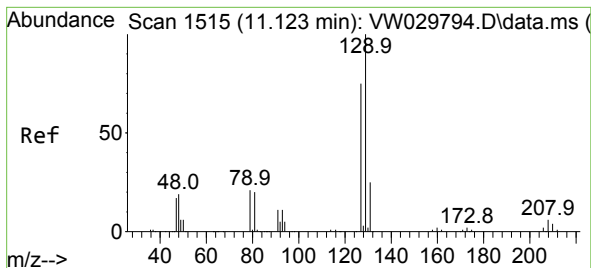
Tgt Ion: 83 Resp: 2655
Ion Ratio Lower Upper
83 100
55 93.7 67.4 101.2
98 46.7 36.7 55.1



#46
Tetrachloroethene
Concen: 0.478 ug/L
RT: 10.861 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VW029796.D
Acq: 30 Jul 2024 10:39

Tgt Ion:164 Resp: 1506
Ion Ratio Lower Upper
164 100
129 101.5 77.8 144.6
131 106.6 70.9 131.7
166 122.4 91.5 169.9





#49

Dibromochloromethane

Concen: 0.483 ug/L

RT: 10.855 min Scan# 14

Delta R.T. -0.268 min

Lab File: VW029796.D

Acq: 30 Jul 2024 10:39

Instrument :

MSVOA_W

ClientSampleId :

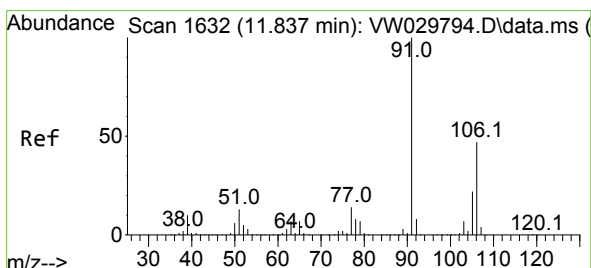
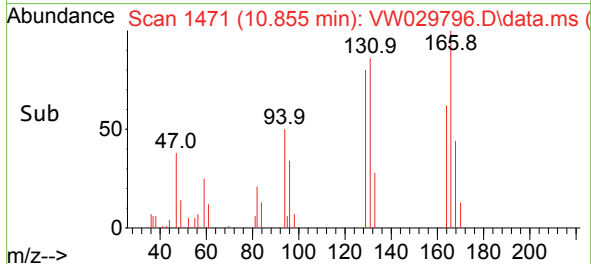
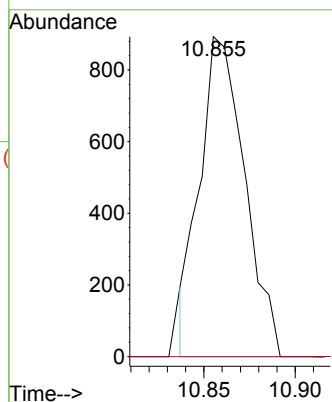
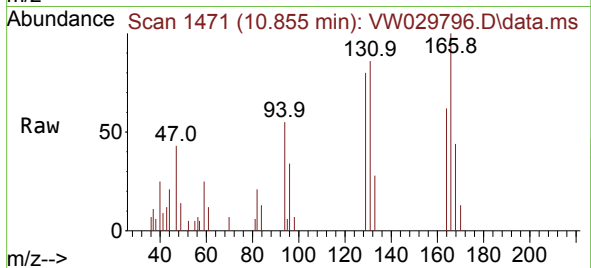
E20Q3

Tgt Ion:129 Resp: 1526

Ion Ratio Lower Upper

129 100

127 0.0 52.4 97.2#



#53

m,p-Xylene

Concen: 0.285 ug/L

RT: 11.831 min Scan# 1631

Delta R.T. -0.006 min

Lab File: VW029796.D

Acq: 30 Jul 2024 10:39

Tgt Ion:106 Resp: 1993

Ion Ratio Lower Upper

106 100

91 161.3 151.4 281.2

