

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091724\
 Data File : VU060854.D
 Acq On : 18 Sep 2024 00:36
 Operator : MD/SY
 Sample : P3987-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P1

Quant Time: Sep 18 03:46:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Sep 18 02:40:24 2024
 Response via : Initial Calibration

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

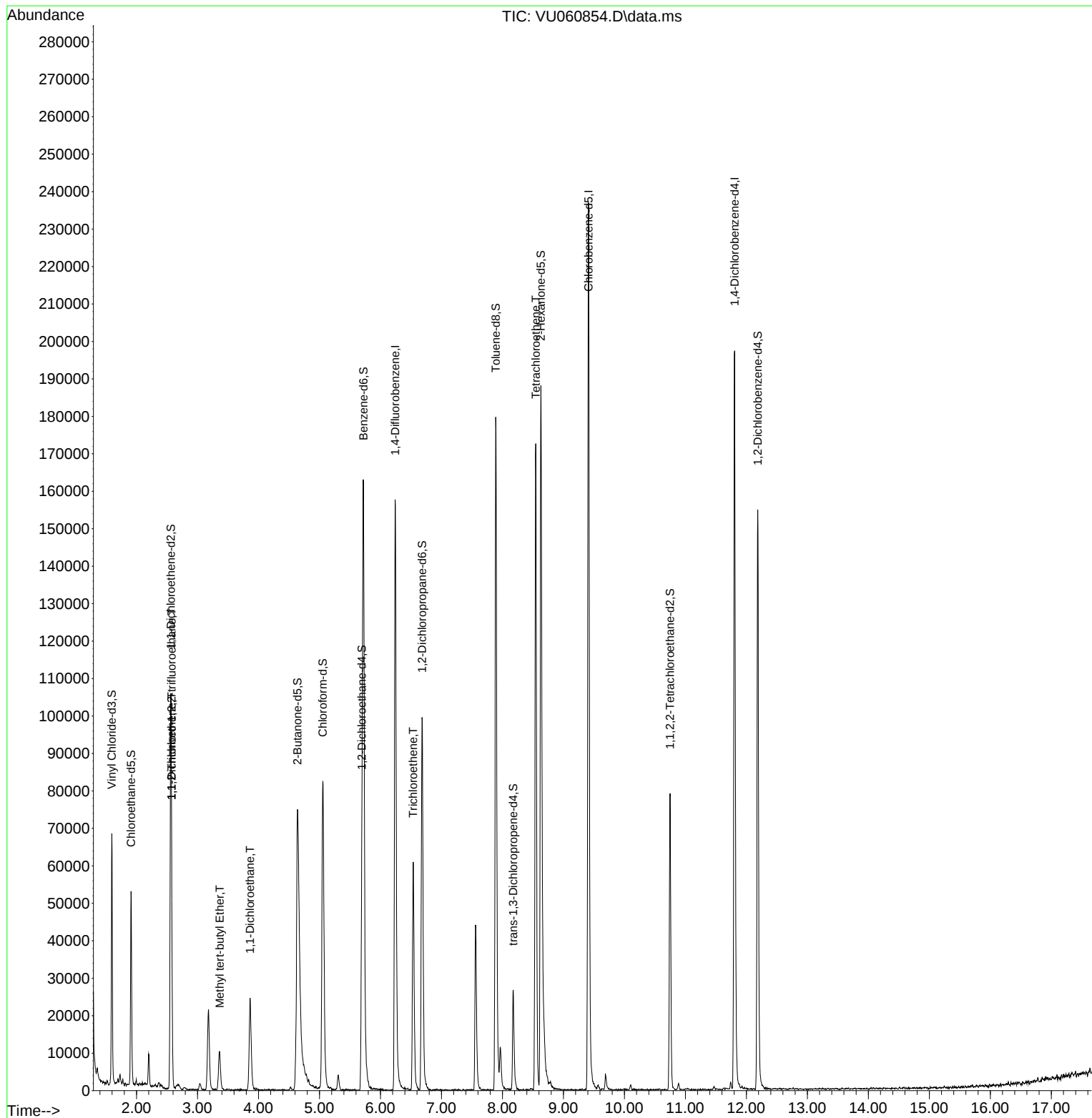
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134700	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	149166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59955	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	46526	3.840	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.800%
7) Chloroethane-d5	1.911	69	38688	4.485	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.563	65	18234	4.246	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.000%
20) 2-Butanone-d5	4.640	46	92287	47.449	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.900%
24) Chloroform-d	5.055	84	81795	4.416	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
26) 1,2-Dichloroethane-d4	5.695	65	41654	4.705	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.200%
32) Benzene-d6	5.721	84	161482	4.039	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.800%
36) 1,2-Dichloropropane-d6	6.682	67	53789	4.348	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.000%
41) Toluene-d8	7.891	98	130581	3.582	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.600%
43) trans-1,3-Dichloroprop...	8.177	79	17163	3.855	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.000%
46) 2-Hexanone-d5	8.631	63	69755	39.714	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.420%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	43015	4.439	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	46631	4.629	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.600%
Target Compounds						
					Qvalue	
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	3232	0.348	ug/L	91
12) 1,1-Dichloroethene	2.576	96	5233	0.618	ug/L	# 1
17) Methyl tert-butyl Ether	3.364	73	11141	0.582	ug/L	99
19) 1,1-Dichloroethane	3.862	63	28991	1.645	ug/L	96
34) Trichloroethene	6.537	95	21081	1.961	ug/L	90
47) Tetrachloroethene	8.547	164	40702	4.763	ug/L	96

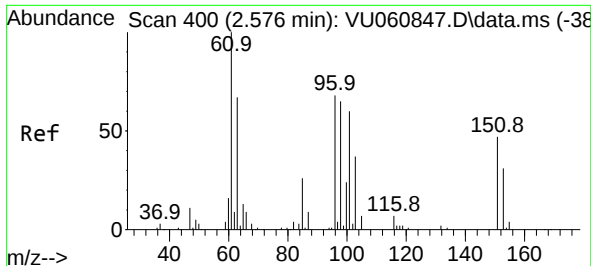
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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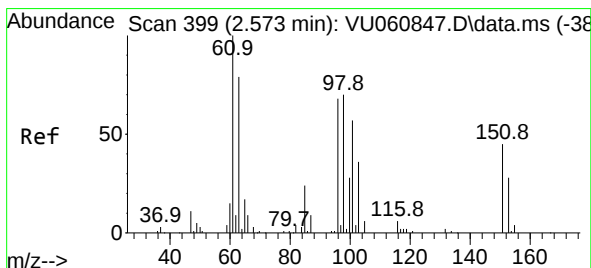
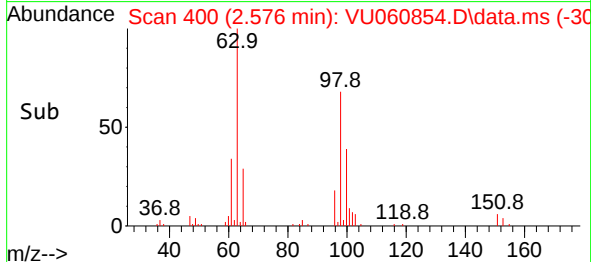
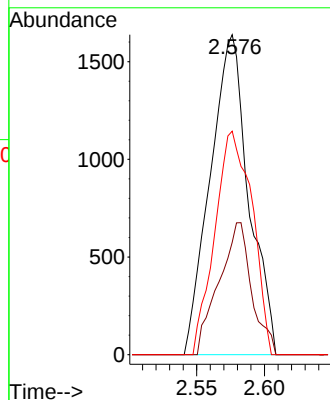
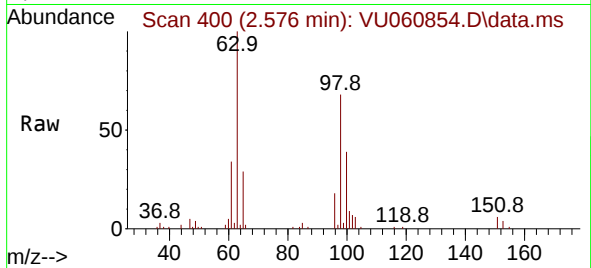




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.348 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VU060854.D
 Acq: 18 Sep 2024 00:36

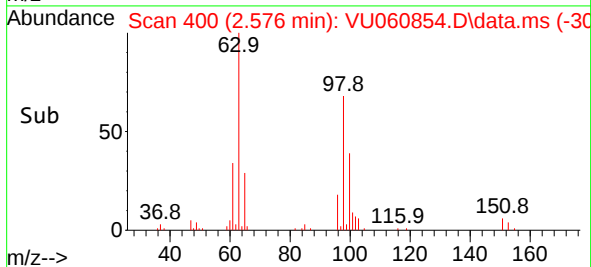
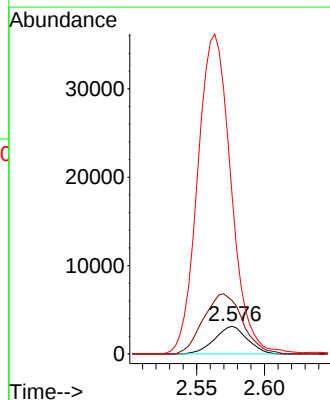
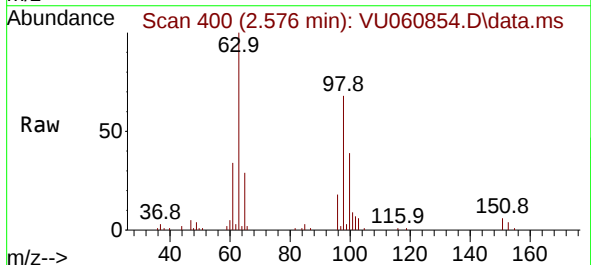
Instrument :
 MSVOA_U
 ClientSampleId :
 BH8P1

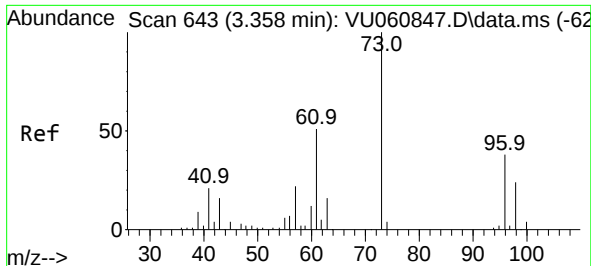
Tgt Ion:101 Resp: 3232
 Ion Ratio Lower Upper
 101 100
 85 35.0 34.2 51.4
 151 67.8 58.6 88.0



#12
 1,1-Dichloroethene
 Concen: 0.618 ug/L
 RT: 2.576 min Scan# 400
 Delta R.T. 0.003 min
 Lab File: VU060854.D
 Acq: 18 Sep 2024 00:36

Tgt Ion: 96 Resp: 5233
 Ion Ratio Lower Upper
 96 100
 61 191.7 120.7 224.1
 63 567.3 90.0 167.2#

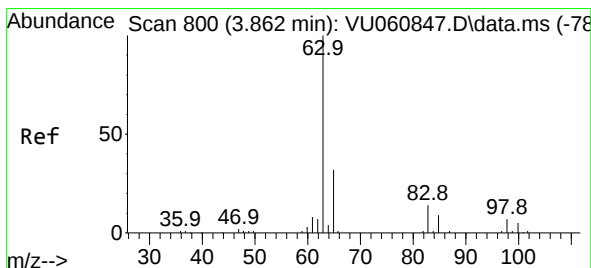
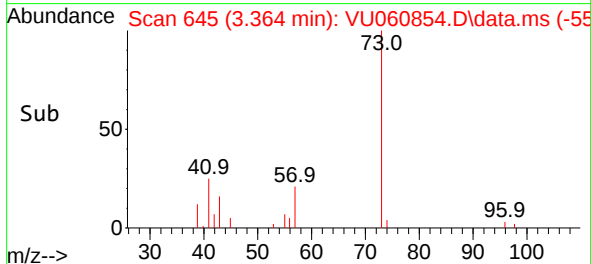
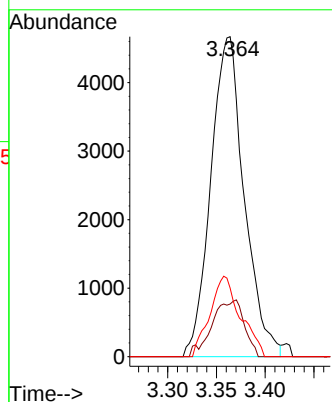
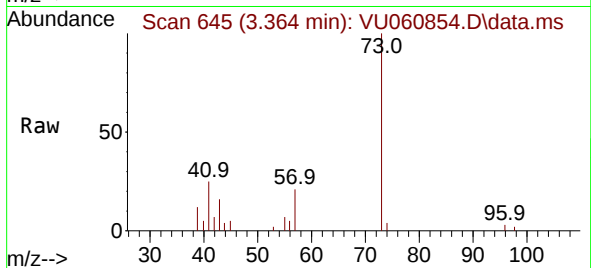




#17
Methyl tert-butyl Ether
Concen: 0.582 ug/L
RT: 3.364 min Scan# 643
Delta R.T. 0.006 min
Lab File: VU060854.D
Acq: 18 Sep 2024 00:36

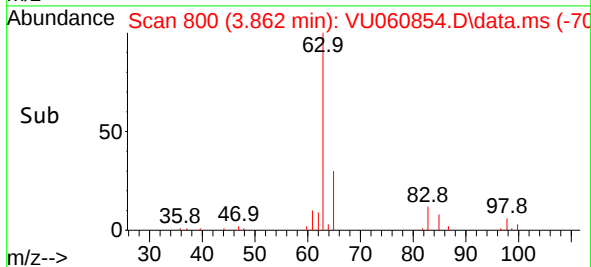
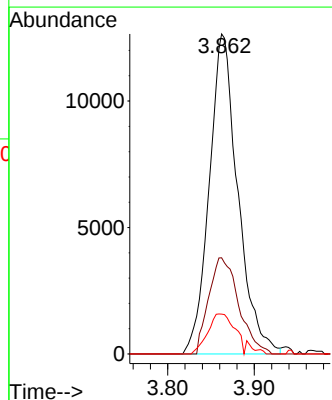
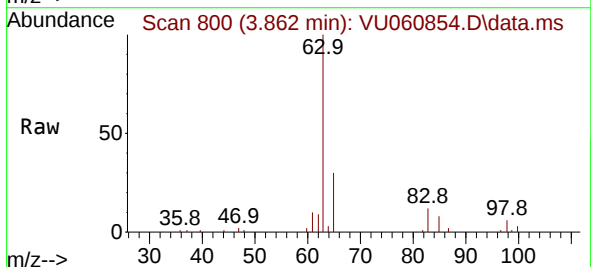
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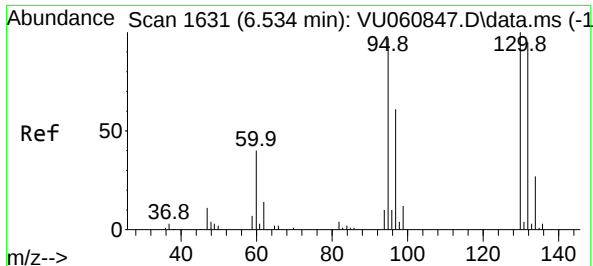
Tgt Ion: 73	Resp: 11141
Ion Ratio	Lower Upper
73 100	
43 17.0	13.8 20.8
57 23.0	18.0 27.0



#19
1,1-Dichloroethane
Concen: 1.645 ug/L
RT: 3.862 min Scan# 800
Delta R.T. -0.000 min
Lab File: VU060854.D
Acq: 18 Sep 2024 00:36

Tgt Ion: 63	Resp: 28991
Ion Ratio	Lower Upper
63 100	
65 30.1	23.0 42.8
83 12.4	9.0 16.6

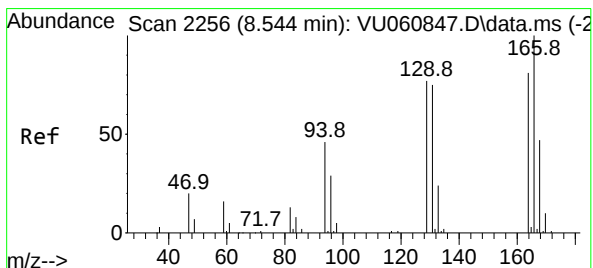
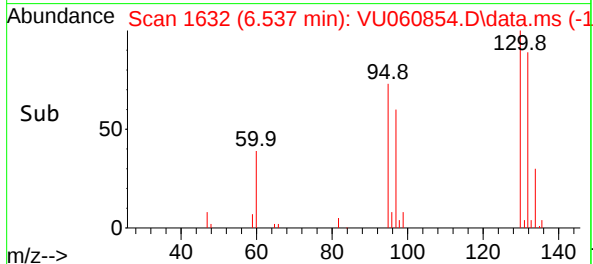
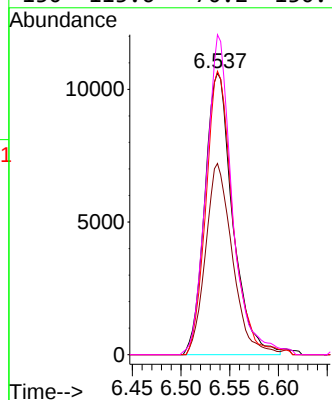
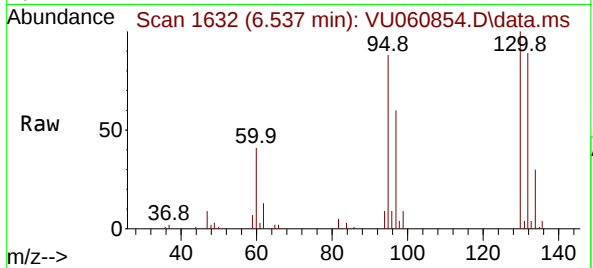




#34
Trichloroethene
Concen: 1.961 ug/L
RT: 6.537 min Scan# 1
Delta R.T. 0.003 min
Lab File: VU060854.D
Acq: 18 Sep 2024 00:36

Instrument :
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Tgt Ion: 95 Resp: 21081
Ion Ratio Lower Upper
95 100
97 67.9 44.9 83.5
132 100.7 63.5 117.9
130 113.6 70.2 130.4



#47
Tetrachloroethene
Concen: 4.763 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU060854.D
Acq: 18 Sep 2024 00:36

Tgt Ion:164 Resp: 40702
Ion Ratio Lower Upper
164 100
129 90.9 67.3 124.9
131 92.4 65.4 121.4
166 123.1 89.5 166.1

