

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
 Data File : VU060901.D
 Acq On : 19 Sep 2024 16:18
 Operator : MD/SY
 Sample : P3952-10DL 4X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0B40DL

Quant Time: Sep 19 23:58:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Sep 19 23:54:48 2024
 Response via : Initial Calibration

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

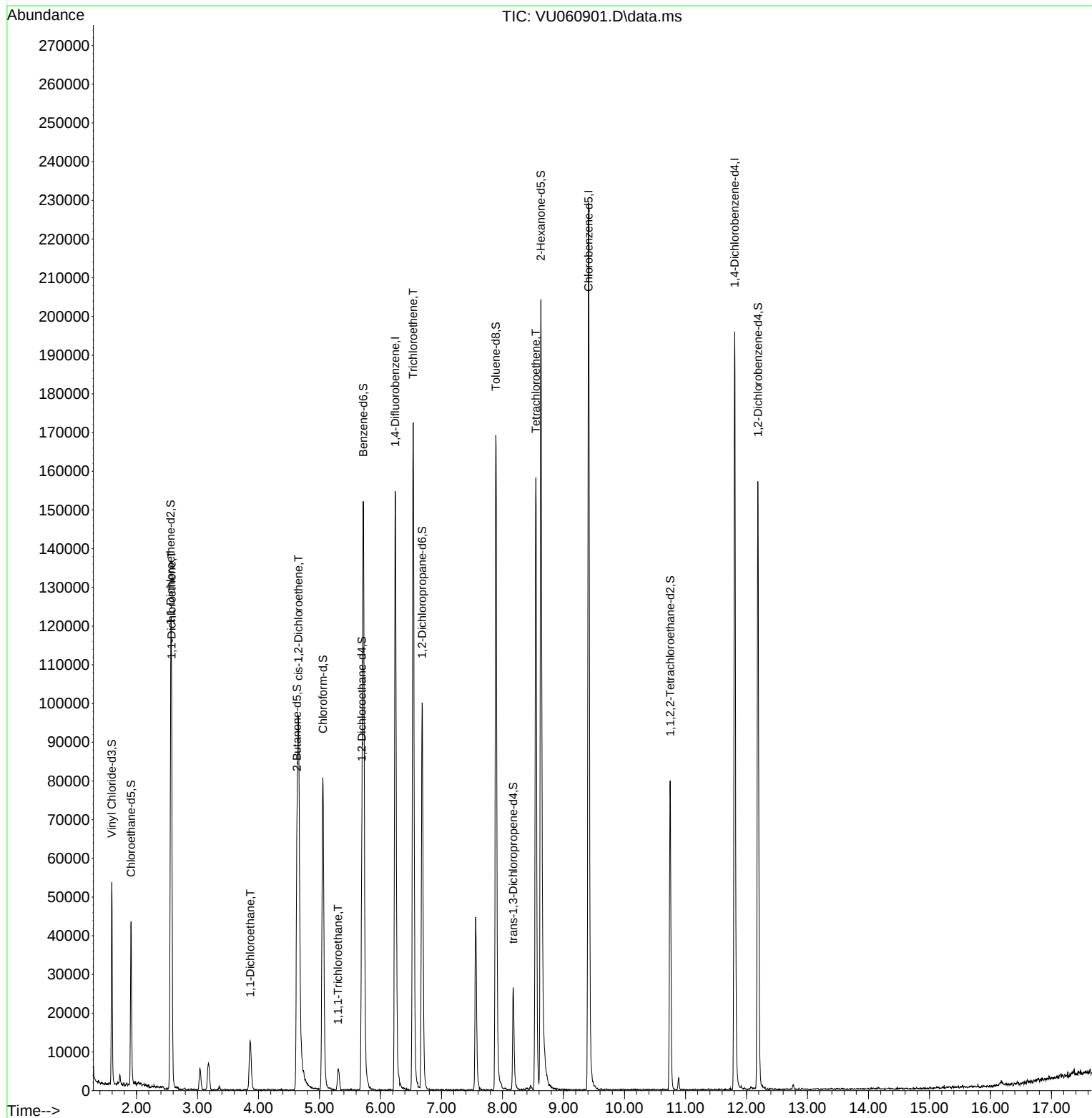
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	133867	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143925	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	59164	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	36231	3.009	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	60.200%
7) Chloroethane-d5	1.911	69	32106	3.745	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.000%
11) 1,1-Dichloroethene-d2	2.560	65	15195	3.561	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.200%
20) 2-Butanone-d5	4.631	46	92081	47.638	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.280%
24) Chloroform-d	5.055	84	81083	4.405	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.200%
26) 1,2-Dichloroethane-d4	5.695	65	42499	4.830	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.600%
32) Benzene-d6	5.717	84	146344	3.794	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	75.800%
36) 1,2-Dichloropropane-d6	6.682	67	50002	4.189	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.800%
41) Toluene-d8	7.891	98	121555	3.456	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.200%#
43) trans-1,3-Dichloroprop...	8.174	79	17233	4.011	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.200%
46) 2-Hexanone-d5	8.627	63	75199	44.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.740%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	41540	4.443	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.800%
66) 1,2-Dichlorobenzene-d4	12.187	152	48319	4.860	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.200%
Target Compounds						
12) 1,1-Dichloroethene	2.576	96	24994	2.968	ug/L	94
19) 1,1-Dichloroethane	3.865	63	16649	0.950	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	37443	3.877	ug/L	89
29) 1,1,1-Trichloroethane	5.306	97	5038	0.324	ug/L #	80
34) Trichloroethene	6.534	95	62740	6.048	ug/L	96
47) Tetrachloroethene	8.547	164	38701	4.694	ug/L	99

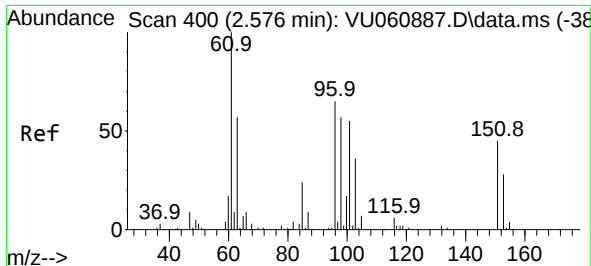
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 19 23:54:48 2024
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#12

1,1-Dichloroethene

Concen: 2.968 ug/L

RT: 2.576 min Scan# 400

Delta R.T. -0.000 min

Lab File: VU060901.D

Acq: 19 Sep 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

C0B40DL

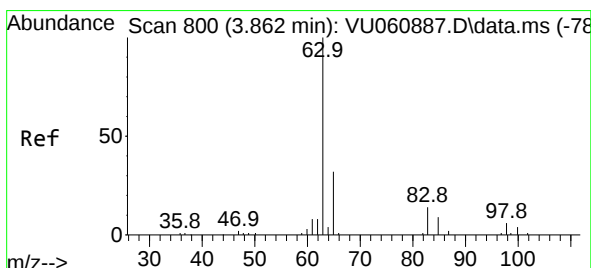
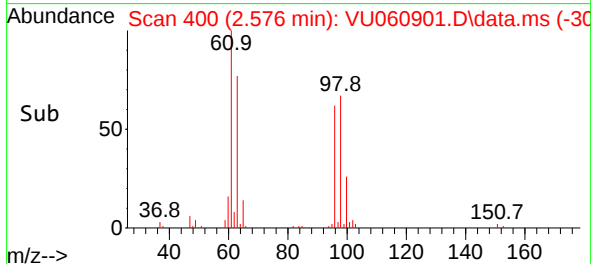
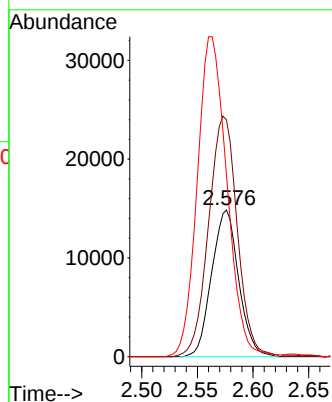
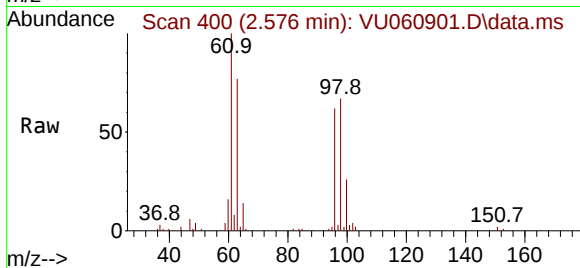
Tgt Ion: 96 Resp: 24994

Ion Ratio Lower Upper

96 100

61 161.4 120.7 224.1

63 124.0 90.0 167.2



#19

1,1-Dichloroethane

Concen: 0.950 ug/L

RT: 3.865 min Scan# 801

Delta R.T. 0.003 min

Lab File: VU060901.D

Acq: 19 Sep 2024 16:18

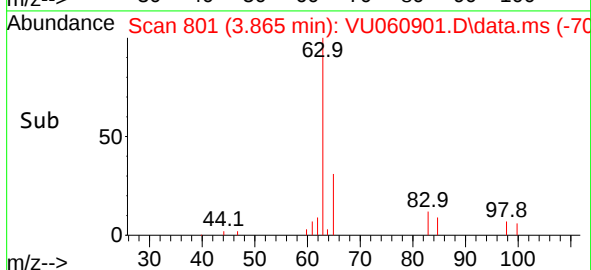
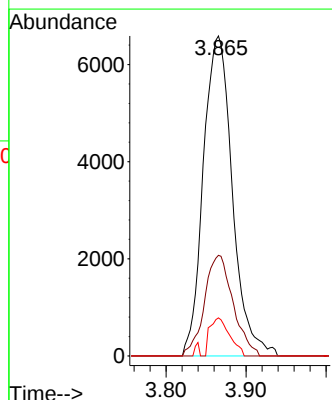
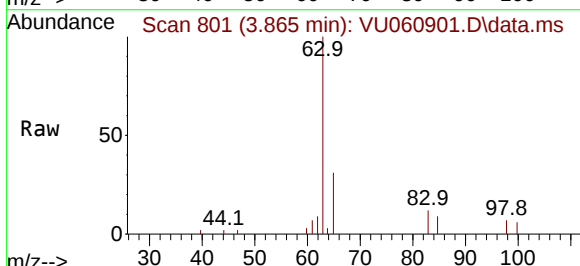
Tgt Ion: 63 Resp: 16649

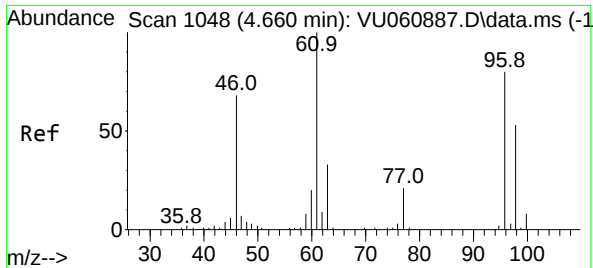
Ion Ratio Lower Upper

63 100

65 30.5 23.0 42.8

83 11.5 9.0 16.6

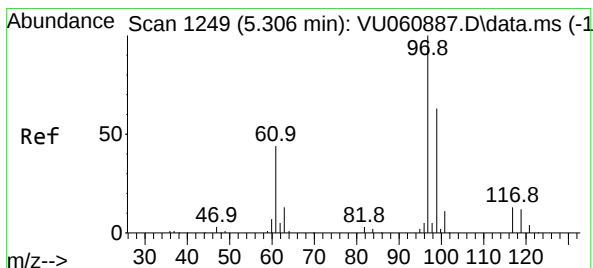
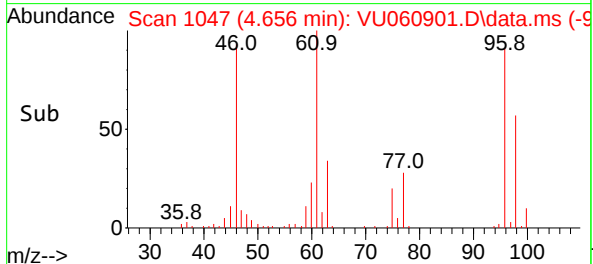
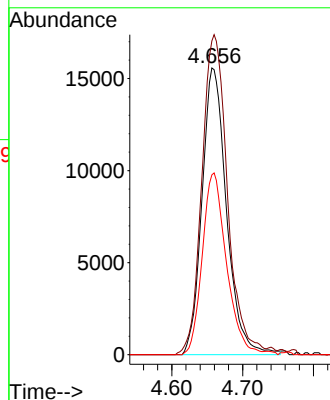
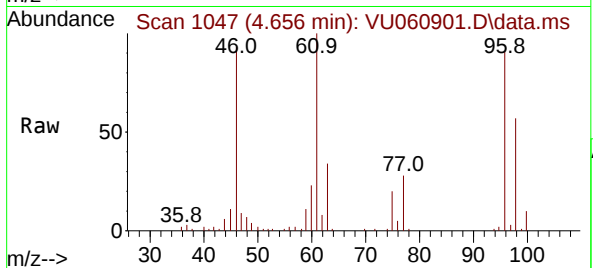




#22
 cis-1,2-Dichloroethene
 Concen: 3.877 ug/L
 RT: 4.656 min Scan# 1047
 Delta R.T. -0.003 min
 Lab File: VU060901.D
 Acq: 19 Sep 2024 16:18

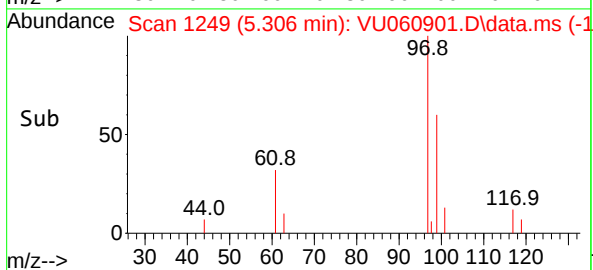
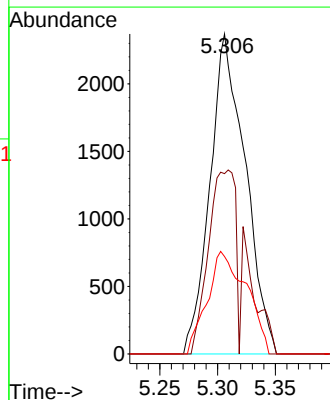
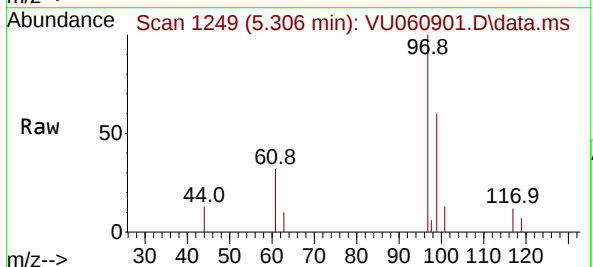
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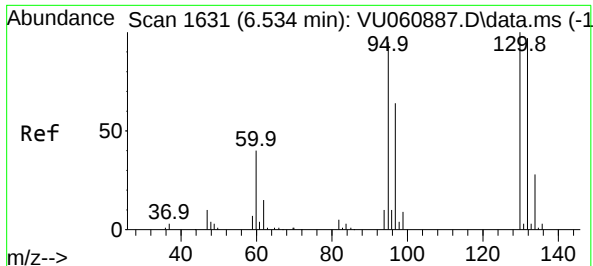
Tgt Ion:	96	Resp:	37443
Ion	Ratio	Lower	Upper
96	100		
61	109.5	89.7	166.5
98	62.8	45.1	83.9



#29
 1,1,1-Trichloroethane
 Concen: 0.324 ug/L
 RT: 5.306 min Scan# 1249
 Delta R.T. -0.000 min
 Lab File: VU060901.D
 Acq: 19 Sep 2024 16:18

Tgt Ion:	97	Resp:	5038
Ion	Ratio	Lower	Upper
97	100		
99	43.6	50.5	75.7#
61	35.5	34.4	51.6





#34

Trichloroethene

Concen: 6.048 ug/L

RT: 6.534 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU060901.D

Acq: 19 Sep 2024 16:18

Instrument :

MSVOA_U

ClientSampleId :

C0B40DL

Tgt Ion: 95 Resp: 62740

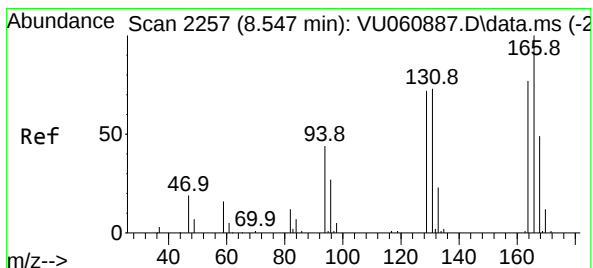
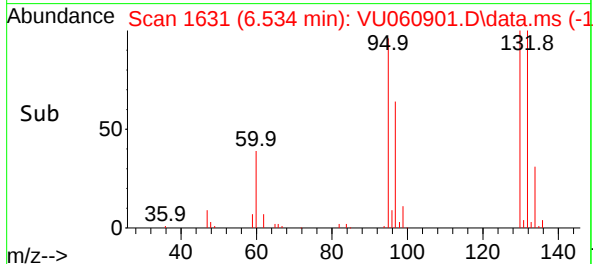
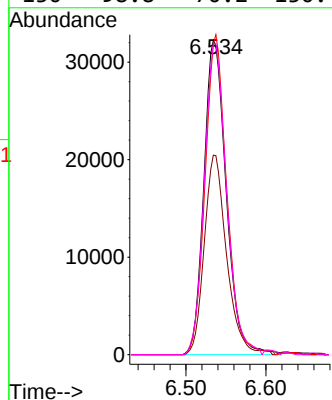
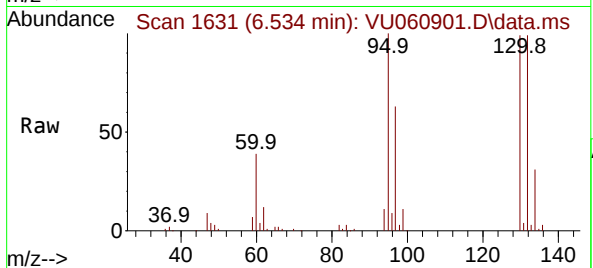
Ion Ratio Lower Upper

95 100

97 63.5 44.9 83.5

132 98.8 63.5 117.9

130 98.8 70.2 130.4



#47

Tetrachloroethene

Concen: 4.694 ug/L

RT: 8.547 min Scan# 2257

Delta R.T. -0.000 min

Lab File: VU060901.D

Acq: 19 Sep 2024 16:18

Tgt Ion:164 Resp: 38701

Ion Ratio Lower Upper

164 100

129 97.1 67.3 124.9

131 94.2 65.4 121.4

166 127.5 89.5 166.1

