

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW012224\
 Data File : VW033797.D
 Acq On : 22 Jan 2024 13:01
 Operator : SY/MD
 Sample : P1189-06DL 4X
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DCMN2DL

Quant Time: Jan 22 23:43:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM011024WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Jan 22 23:41:48 2024
 Response via : Initial Calibration

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

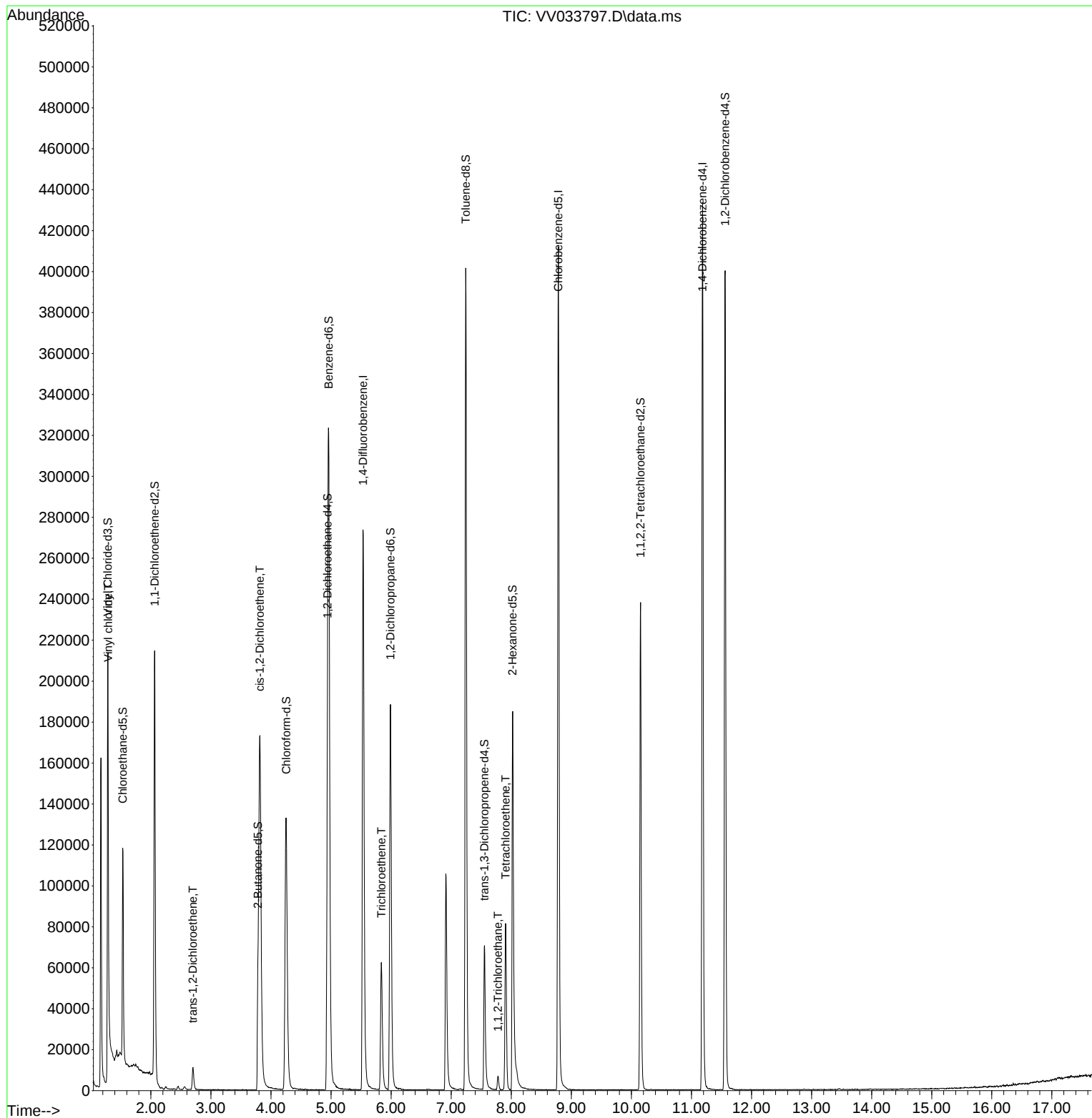
Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	231601	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	218649	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	109528	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	78173	43.918	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.840%
7) Chloroethane-d5	1.532	69	66119	46.906	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	93.820%
11) 1,1-Dichloroethene-d2	2.063	65	36260	47.334	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	94.660%
21) 2-Butanone-d5	3.783	46	86043	70.476	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	70.480%
24) Chloroform-d	4.252	84	142161	44.666	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.340%
26) 1,2-Dichloroethane-d4	4.941	65	98086	47.696	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.400%
32) Benzene-d6	4.960	84	287452	46.244	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.480%
36) 1,2-Dichloropropane-d6	5.989	67	88780	43.390	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	86.780%
41) Toluene-d8	7.243	98	263320	47.016	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.040%
43) trans-1,3-Dichloroprop...	7.555	79	41746	41.282	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.560%
47) 2-Hexanone-d5	8.021	63	64214	75.659	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	75.660%
56) 1,1,2,2-Tetrachloroeth...	10.153	84	111165	42.557	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.120%
66) 1,2-Dichlorobenzene-d4	11.561	152	101595	48.889	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.780%
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.288	62	14563	6.948	ug/L	# 1
17) trans-1,2-Dichloroethene	2.699	96	4214	2.714	ug/L	94
20) cis-1,2-Dichloroethene	3.815	96	87494	50.632	ug/L	96
34) Trichloroethene	5.838	95	22268	12.926	ug/L	93
45) 1,1,2-Trichloroethane	7.780	97	2384	1.487	ug/L	78
46) Tetrachloroethene	7.905	164	18171	14.381	ug/L	98

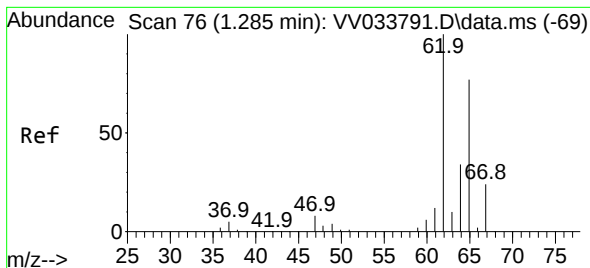
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Jan 22 23:41:48 2024
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 6.948 ug/L

RT: 1.288 min Scan# 71

Delta R.T. 0.003 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :

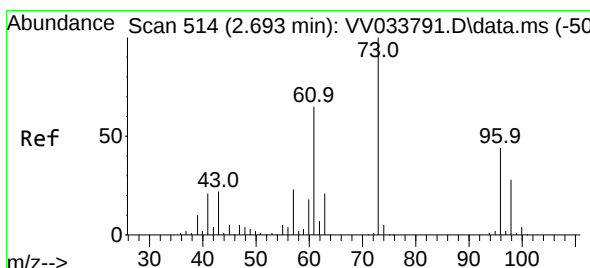
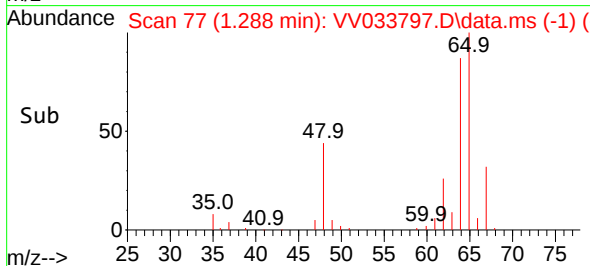
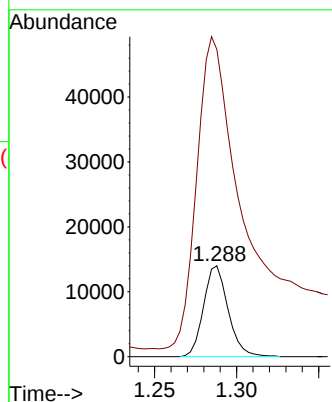
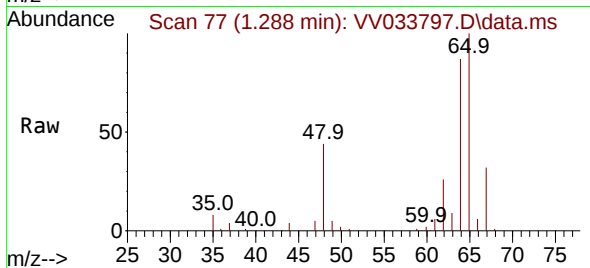
DCMN2DL

Tgt Ion: 62 Resp: 14563

Ion Ratio Lower Upper

62 100

64 338.1 23.2 43.0#



#17

trans-1,2-Dichloroethene

Concen: 2.714 ug/L

RT: 2.699 min Scan# 516

Delta R.T. 0.006 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

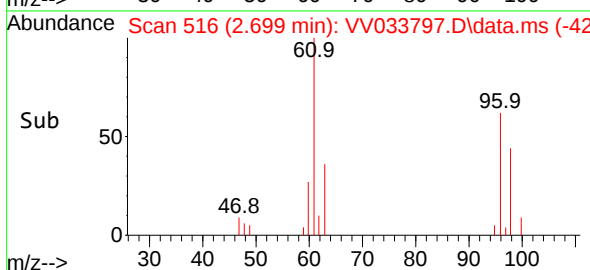
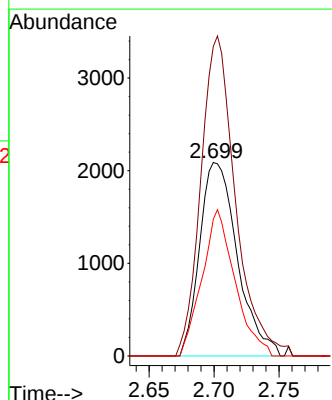
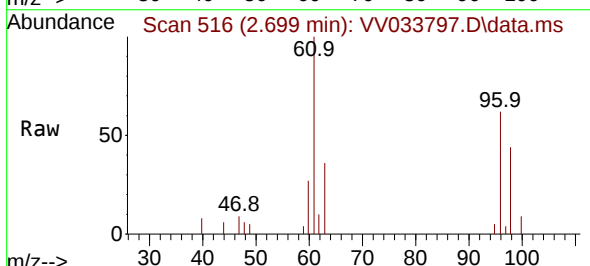
Tgt Ion: 96 Resp: 4214

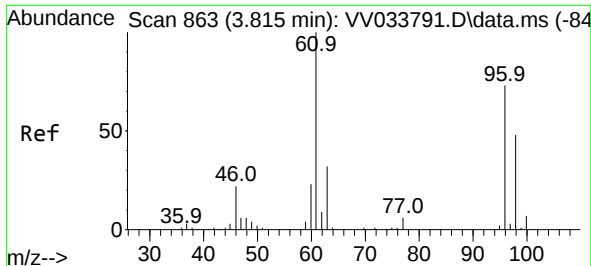
Ion Ratio Lower Upper

96 100

61 160.1 108.4 201.4

98 70.7 43.8 81.4

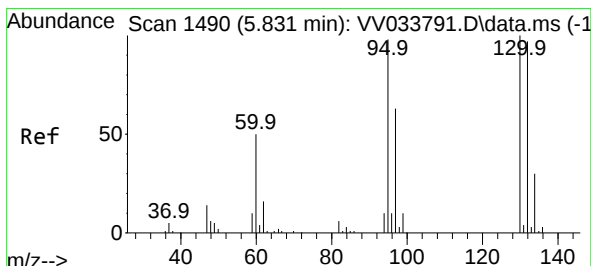
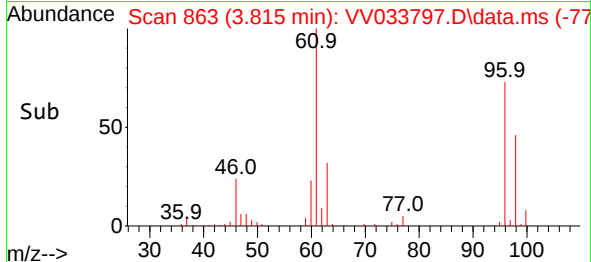
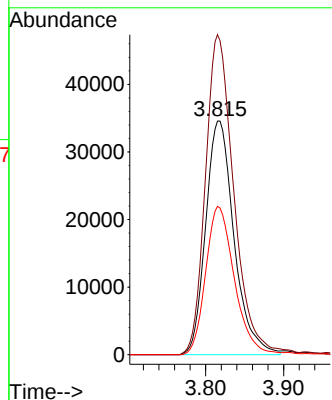
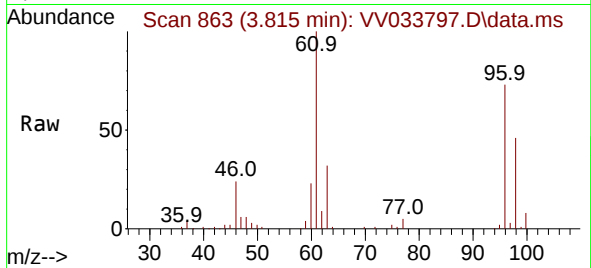




#20
cis-1,2-Dichloroethene
Concen: 50.632 ug/L
RT: 3.815 min Scan# 863
Delta R.T. -0.000 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

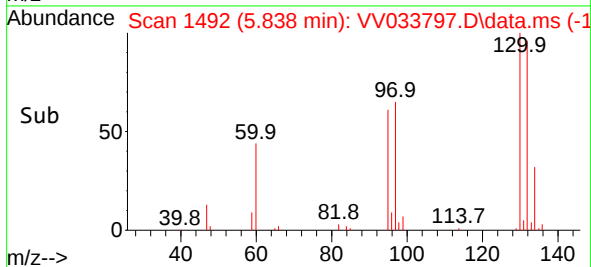
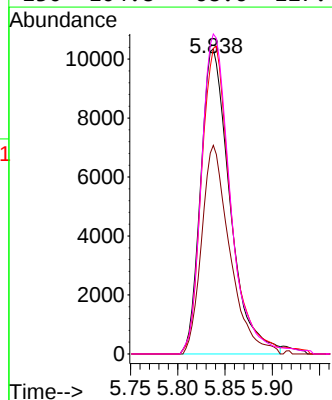
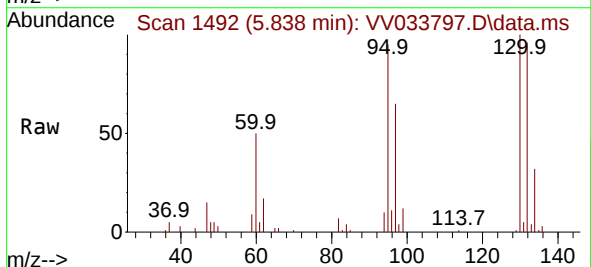
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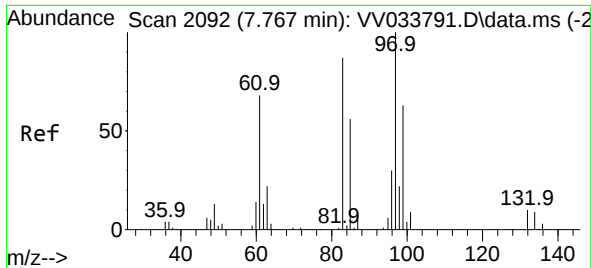
Tgt Ion: 96 Resp: 87494
Ion Ratio Lower Upper
96 100
61 137.0 100.6 186.8
98 63.5 44.6 82.8



#34
Trichloroethene
Concen: 12.926 ug/L
RT: 5.838 min Scan# 1492
Delta R.T. 0.006 min
Lab File: VV033797.D
Acq: 22 Jan 2024 13:01

Tgt Ion: 95 Resp: 22268
Ion Ratio Lower Upper
95 100
97 68.4 44.4 82.4
132 100.2 65.5 121.7
130 104.8 68.6 127.4





#45

1,1,2-Trichloroethane

Concen: 1.487 ug/L

RT: 7.780 min Scan# 2096

Delta R.T. 0.013 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Instrument :

MSVOA_V

ClientSampleId :

DCMN2DL

Tgt Ion: 97 Resp: 2384

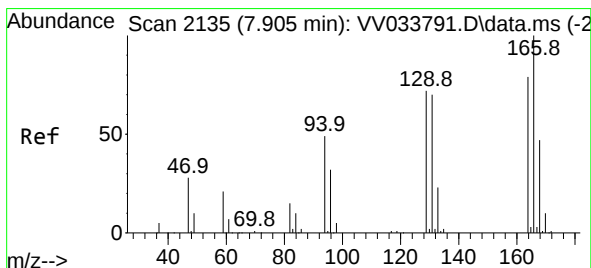
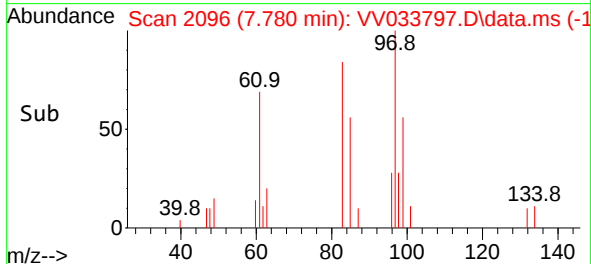
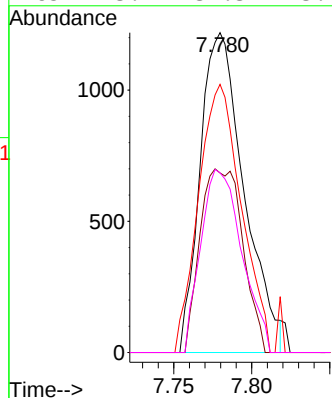
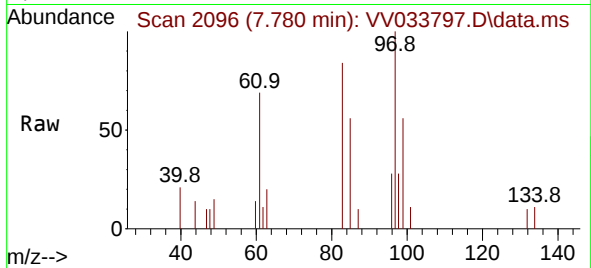
Ion Ratio Lower Upper

97 100

99 43.8 42.8 79.6

83 65.4 61.2 113.8

85 43.9 39.3 73.1



#46

Tetrachloroethene

Concen: 14.381 ug/L

RT: 7.905 min Scan# 2135

Delta R.T. -0.000 min

Lab File: VV033797.D

Acq: 22 Jan 2024 13:01

Tgt Ion: 164 Resp: 18171

Ion Ratio Lower Upper

164 100

129 94.5 66.1 122.7

131 90.5 65.9 122.5

166 127.4 88.5 164.3

