

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU092022\
 Data File : VU050846.D
 Acq On : 20 Sep 2022 21:08
 Operator : JC/MD
 Sample : N4651-01DL 10X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXZ40DL

Quant Time: Sep 21 02:27:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM092022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Sep 21 02:18:13 2022
 Response via : Initial Calibration

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

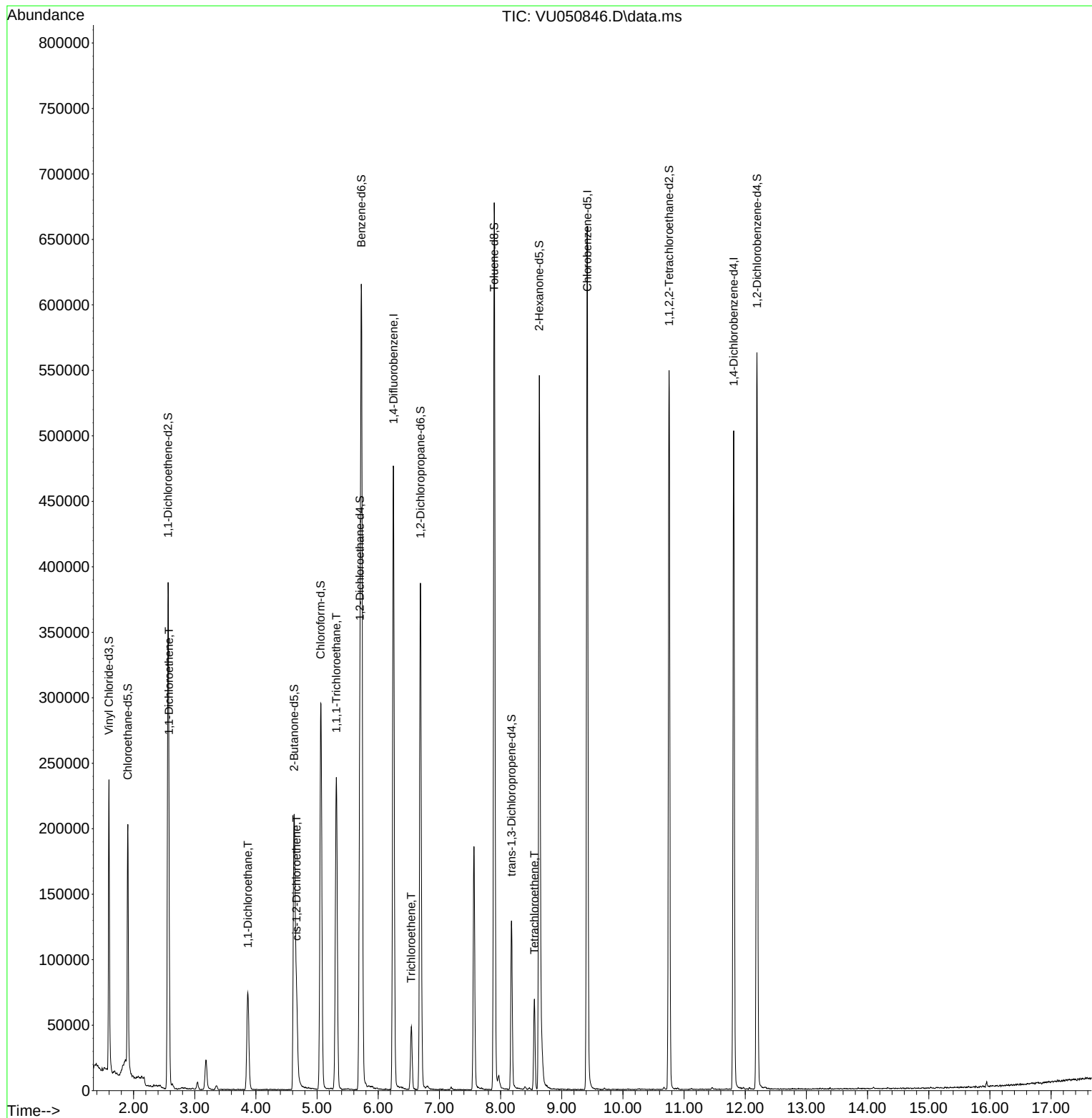
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	374471	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	365578	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	134684	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	169361	43.652	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	87.300%
7) Chloroethane-d5	1.906	69	134016	48.501	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	97.000%
11) 1,1-Dichloroethene-d2	2.565	63	221038	36.614	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	73.220%
21) 2-Butanone-d5	4.623	46	296400	118.334	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	118.330%
24) Chloroform-d	5.060	84	281701	46.332	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.660%
26) 1,2-Dichloroethane-d4	5.700	65	179833	47.994	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.980%
32) Benzene-d6	5.726	84	562059	46.677	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.360%
36) 1,2-Dichloropropane-d6	6.690	67	192984	47.480	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.960%
41) Toluene-d8	7.896	98	445217	42.298	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	8.179	79	75306	42.590	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.180%
47) 2-Hexanone-d5	8.632	63	177348	105.880	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	105.880%
56) 1,1,2,2-Tetrachloroeth...	10.754	84	283248	45.709	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.420%
66) 1,2-Dichlorobenzene-d4	12.192	152	144014	51.070	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	102.140%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	2.578	96	29515	10.252	ug/L	# 1
19) 1,1-Dichloroethane	3.867	63	87559	14.686	ug/L	98
20) cis-1,2-Dichloroethene	4.665	96	23327	7.130	ug/L	98
30) 1,1,1-Trichloroethane	5.314	97	172520	35.472	ug/L	100
34) Trichloroethene	6.539	95	16450	5.264	ug/L	97
46) Tetrachloroethene	8.552	164	14625	6.512	ug/L	96

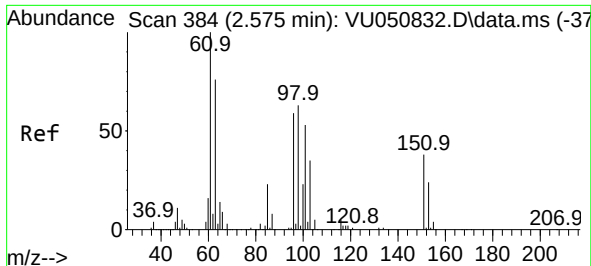
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 10.252 ug/L

RT: 2.578 min Scan# 384

Delta R.T. 0.003 min

Lab File: VU050846.D

Acq: 20 Sep 2022 21:08

Instrument :

MSVOA_U

ClientSampleId :

EXZ40DL

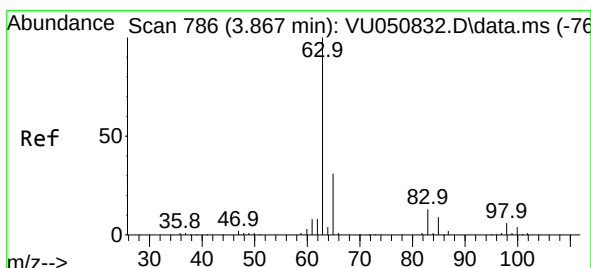
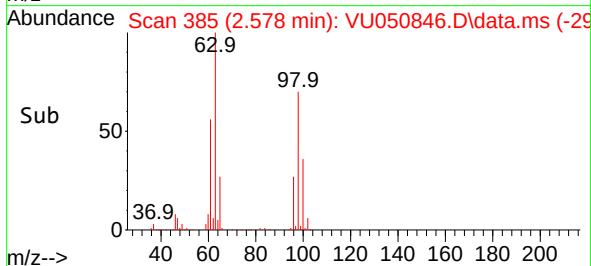
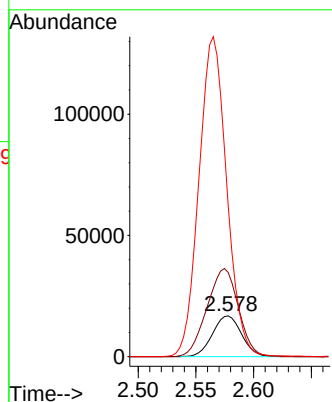
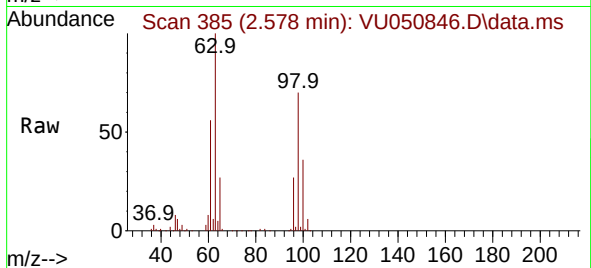
Tgt Ion: 96 Resp: 29515

Ion Ratio Lower Upper

96 100

61 206.6 118.6 220.2

63 370.5 90.4 168.0#



#19

1,1-Dichloroethane

Concen: 14.686 ug/L

RT: 3.867 min Scan# 786

Delta R.T. 0.000 min

Lab File: VU050846.D

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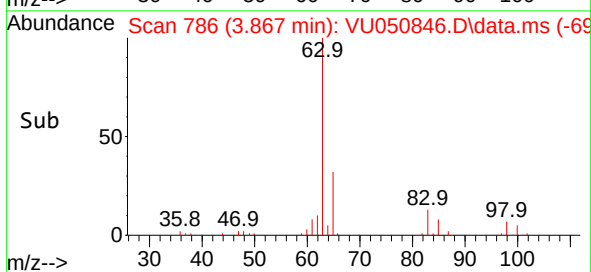
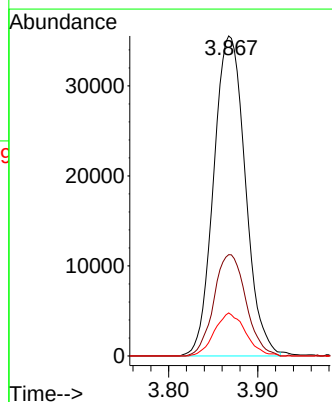
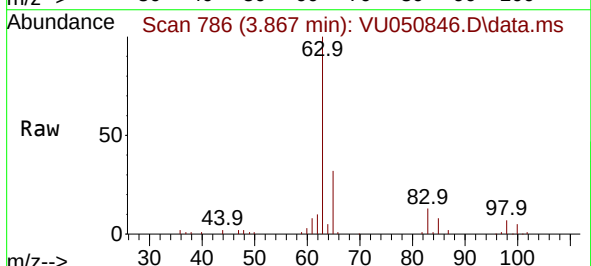
Tgt Ion: 63 Resp: 87559

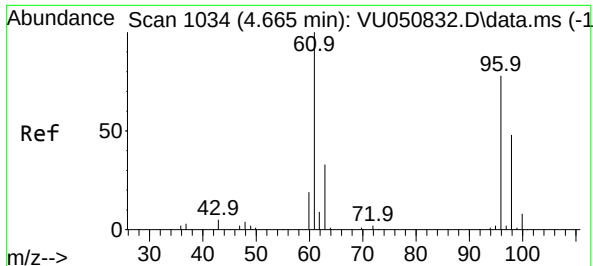
Ion Ratio Lower Upper

63 100

65 32.2 21.5 39.9

83 13.5 9.3 17.3

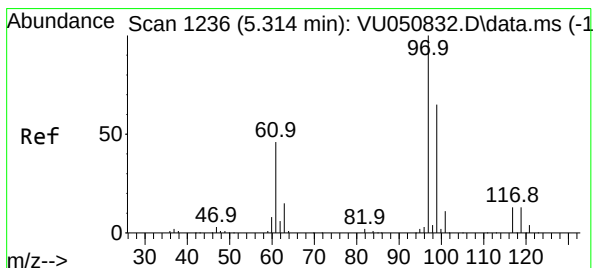
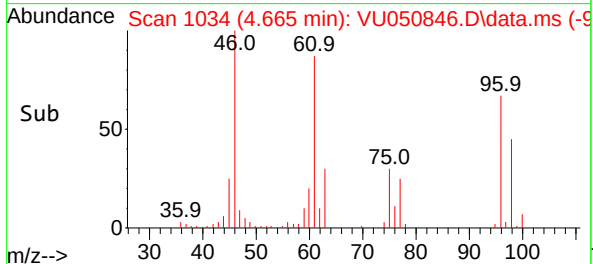
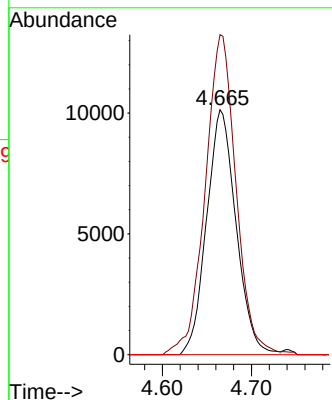
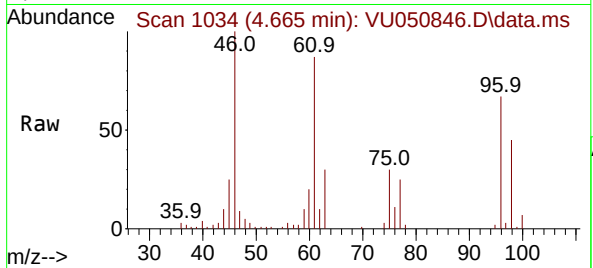




#20
 cis-1,2-Dichloroethene
 Concen: 7.130 ug/L
 RT: 4.665 min Scan# 1034
 Delta R.T. 0.000 min
 Lab File: VU050846.D
 Acq: 20 Sep 2022 21:08

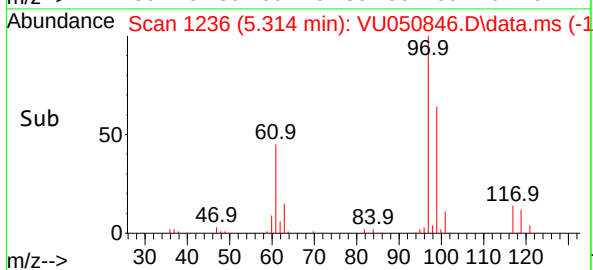
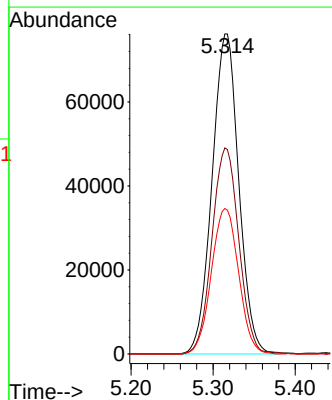
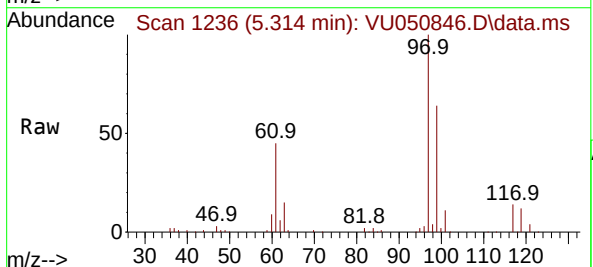
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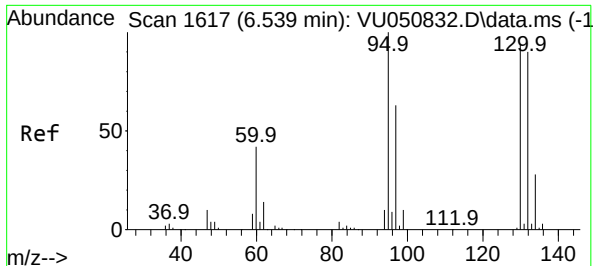
Tgt Ion: 96 Resp: 23327
 Ion Ratio Lower Upper
 96 100
 61 130.6 90.1 167.3
 68 0.0 0.0 0.0



#30
 1,1,1-Trichloroethane
 Concen: 35.472 ug/L
 RT: 5.314 min Scan# 1236
 Delta R.T. 0.000 min
 Lab File: VU050846.D
 Acq: 20 Sep 2022 21:08

Tgt Ion: 97 Resp: 172520
 Ion Ratio Lower Upper
 97 100
 99 64.8 52.2 78.2
 61 46.4 37.1 55.7

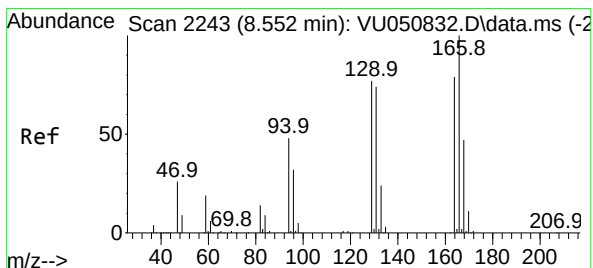
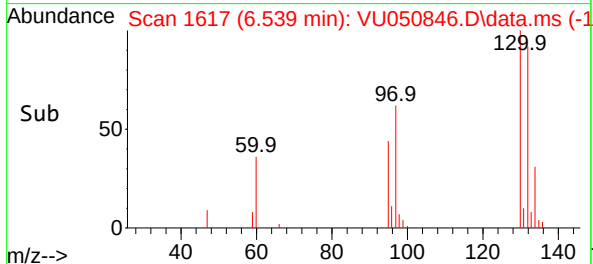
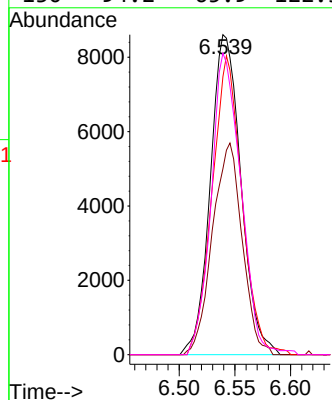
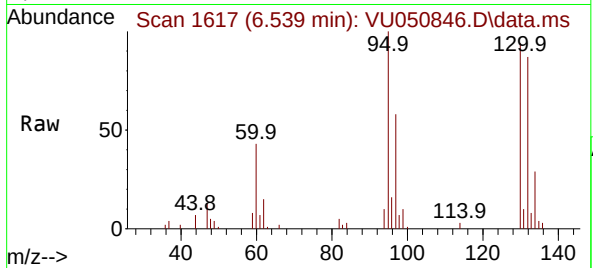




#34
Trichloroethene
Concen: 5.264 ug/L
RT: 6.539 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU050846.D
Acq: 20 Sep 2022 21:08

Instrument :
MSVOA_U
ClientSampleId :
EXZ40DL

Tgt Ion: 95 Resp: 16450
Ion Ratio Lower Upper
95 100
97 58.1 43.9 81.5
132 86.8 63.1 117.1
130 94.2 65.9 122.3



#46
Tetrachloroethene
Concen: 6.512 ug/L
RT: 8.552 min Scan# 2243
Delta R.T. 0.000 min
Lab File: VU050846.D
Acq: 20 Sep 2022 21:08

Tgt Ion: 164 Resp: 14625
Ion Ratio Lower Upper
164 100
129 106.0 68.5 127.3
131 98.5 66.1 122.7
166 125.1 88.8 164.8

