

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060623\Not Reviewed Data\
 Data File : VX036030.D
 Acq On : 06 Jun 2023 14:14
 Operator : JC/MD
 Sample : 02991-11 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 F6C24

Quant Time: Jun 08 15:26:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML060623WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 07 05:37:48 2023
 Response via : Initial Calibration

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

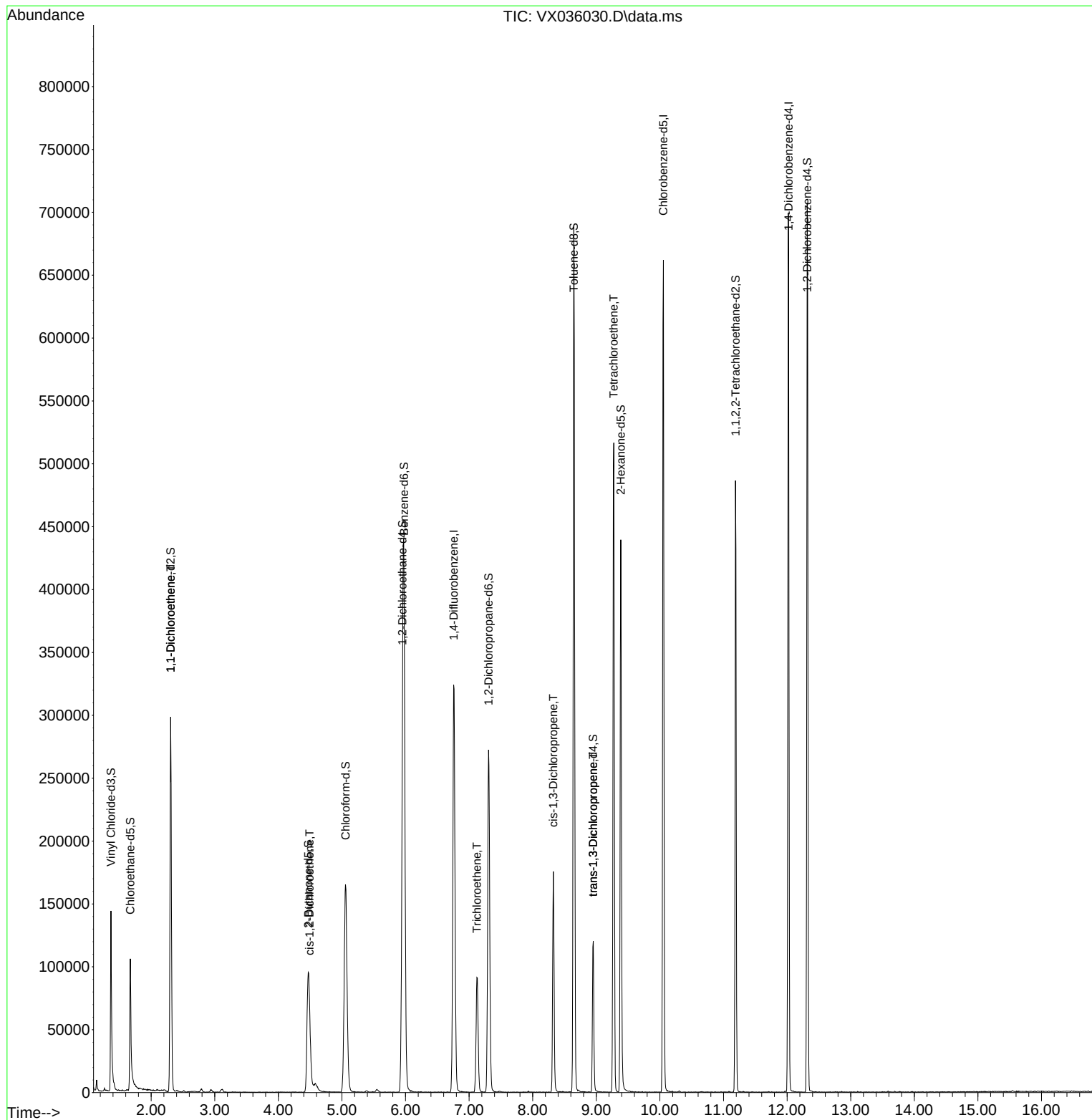
Internal Standards						
1) 1,4-Difluorobenzene	6.757	114	316935	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	287919	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	138379	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	108472	50.375	ug/L	0.00
Spiked Amount	50.000	Range 60 - 135	Recovery	= 100.740%		
7) Chloroethane-d5	1.672	69	82134	49.735	ug/L	0.00
Spiked Amount	50.000	Range 70 - 130	Recovery	= 99.460%		
11) 1,1-Dichloroethene-d2	2.306	65	54498	49.917	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 99.840%		
21) 2-Butanone-d5	4.471	46	176834	100.190	ug/L	0.00
Spiked Amount	100.000	Range 40 - 130	Recovery	= 100.190%		
24) Chloroform-d	5.056	84	208044	46.333	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 92.660%		
26) 1,2-Dichloroethane-d4	5.952	65	157007	47.920	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 95.840%		
32) Benzene-d6	5.976	84	420226	48.518	ug/L	0.00
Spiked Amount	50.000	Range 70 - 125	Recovery	= 97.040%		
36) 1,2-Dichloropropane-d6	7.305	67	134404	49.925	ug/L	0.00
Spiked Amount	50.000	Range 70 - 120	Recovery	= 99.840%		
41) Toluene-d8	8.647	98	387737	48.639	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 97.280%		
43) trans-1,3-Dichloroprop...	8.952	79	57056	44.151	ug/L	0.00
Spiked Amount	50.000	Range 60 - 125	Recovery	= 88.300%		
47) 2-Hexanone-d5	9.384	63	124128	103.546	ug/L	0.00
Spiked Amount	100.000	Range 45 - 130	Recovery	= 103.550%		
56) 1,1,2,2-Tetrachloroeth...	11.189	84	176996	48.134	ug/L	0.00
Spiked Amount	50.000	Range 65 - 120	Recovery	= 96.260%		
66) 1,2-Dichlorobenzene-d4	12.317	152	135019	50.256	ug/L	0.00
Spiked Amount	50.000	Range 80 - 120	Recovery	= 100.520%		
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.306	96	1343	0.638	ug/L #	1
20) cis-1,2-Dichloroethene	4.489	96	9473	3.659	ug/L	89
34) Trichloroethene	7.123	95	36537	14.142	ug/L	98
39) cis-1,3-Dichloropropene	8.324	75	3889	0.989	ug/L #	80
44) trans-1,3-Dichloropropene	8.952	75	2692	0.731	ug/L	91
46) Tetrachloroethene	9.275	164	92927	51.437	ug/L	97

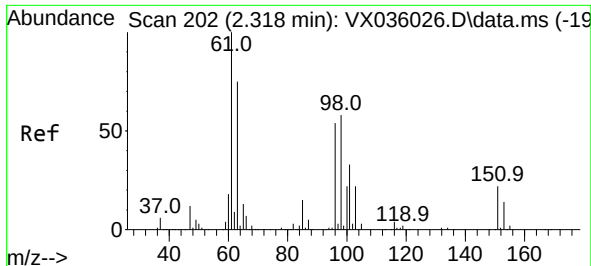
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.638 ug/L

RT: 2.306 min Scan# 20

Delta R.T. -0.012 min

Lab File: VX036030.D

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Instrument :

MSVOA_X

ClientSampleId :

F6C24

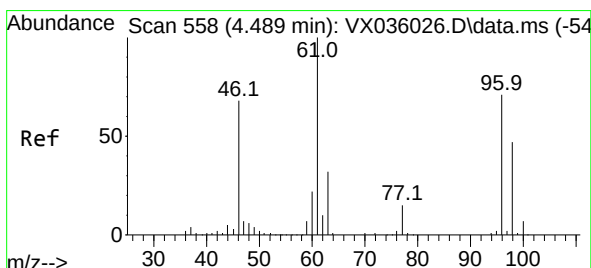
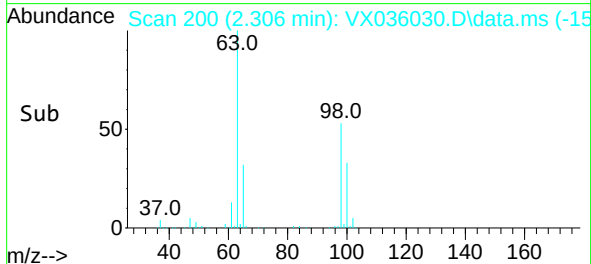
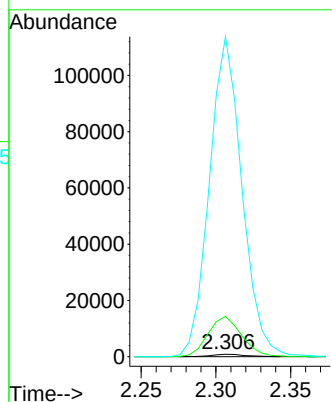
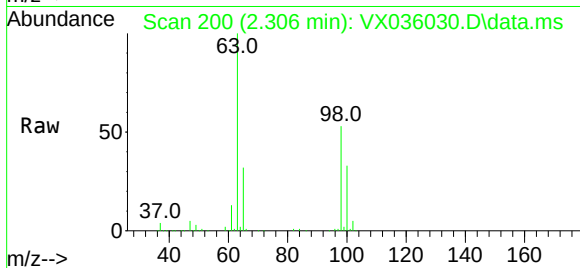
Tgt Ion: 96 Resp: 1343

Ion Ratio Lower Upper

96 100

61 1692.3 132.5 246.1#

63 13417.9 95.1 176.7#



#20

cis-1,2-Dichloroethene

Concen: 3.659 ug/L

RT: 4.489 min Scan# 558

Delta R.T. 0.000 min

Lab File: VX036030.D

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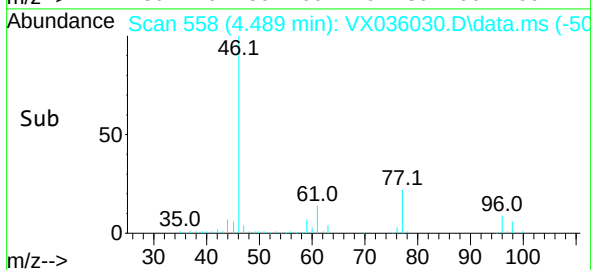
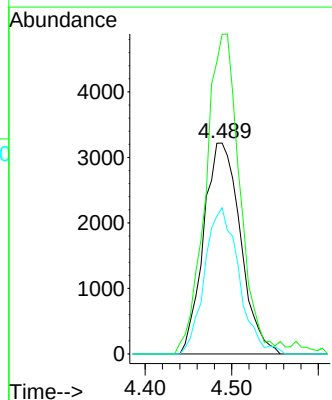
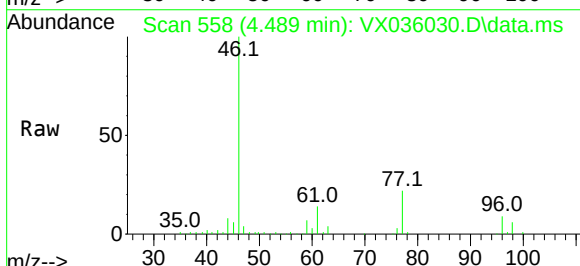
Tgt Ion: 96 Resp: 9473

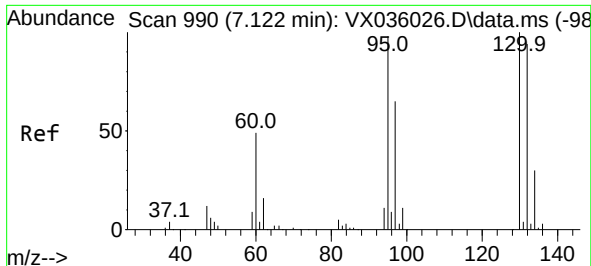
Ion Ratio Lower Upper

96 100

61 151.5 94.7 175.9

98 69.3 45.4 84.4

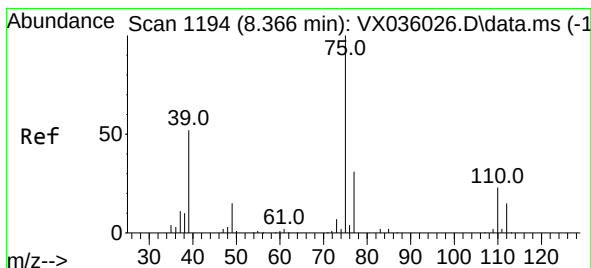
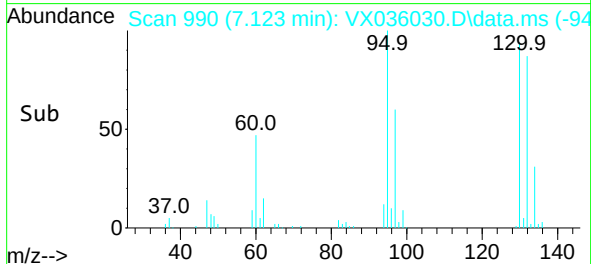
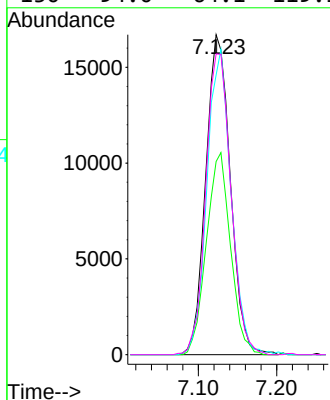
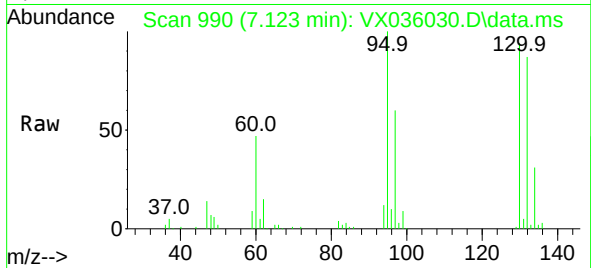




#34
Trichloroethene
Concen: 14.142 ug/L
RT: 7.123 min Scan# 94
Delta R.T. 0.000 min
Lab File: VX036030.D
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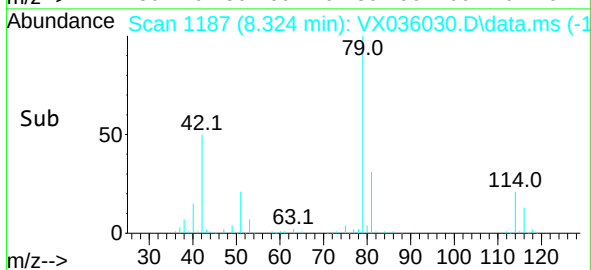
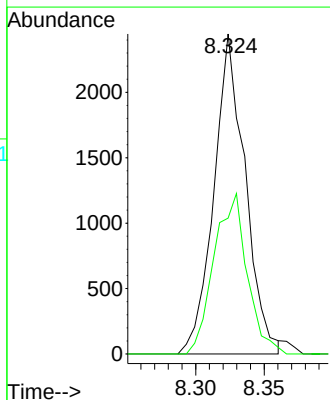
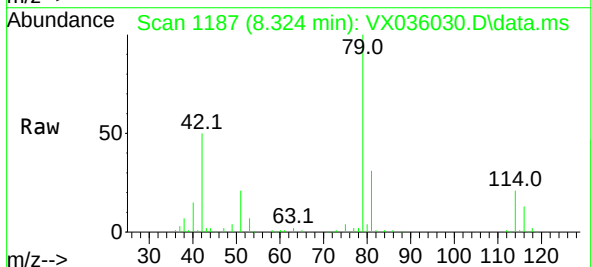
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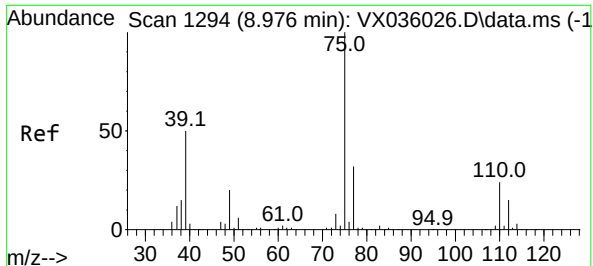
Tgt Ion:	95	Resp:	36537
Ion	Ratio	Lower	Upper
95	100		
97	60.4	43.6	81.0
132	87.4	59.9	111.3
130	94.0	64.1	119.1



#39
cis-1,3-Dichloropropene
Concen: 0.989 ug/L
RT: 8.324 min Scan# 1187
Delta R.T. -0.043 min
Lab File: VX036030.D
Acq: 06 Jun 2023 14:14

Tgt Ion:	75	Resp:	3889
Ion	Ratio	Lower	Upper
75	100		
77	42.4	21.9	40.7#

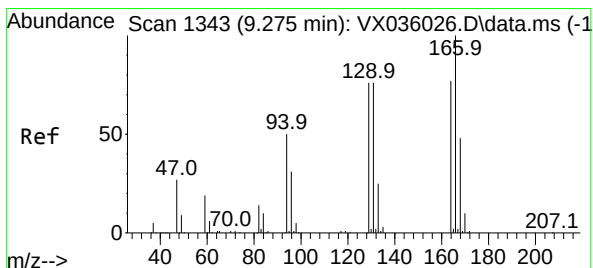
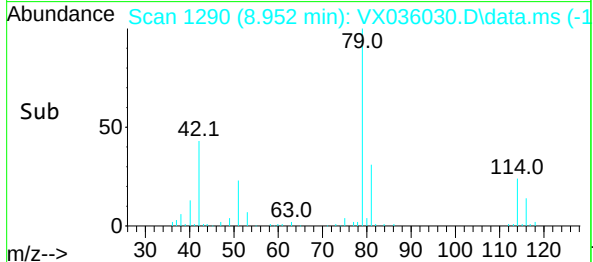
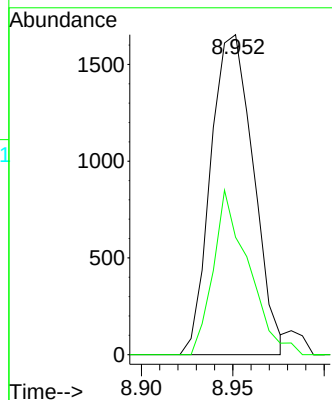
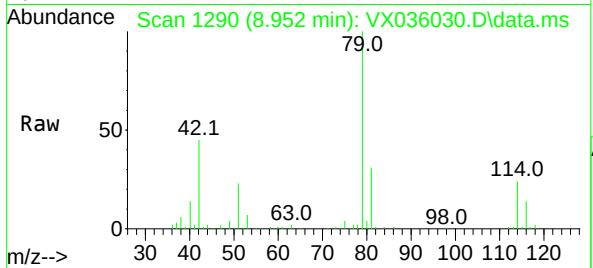




#44
trans-1,3-Dichloropropene
Concen: 0.731 ug/L
RT: 8.952 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX036030.D
Acq: 06 Jun 2023 14:14

Instrument :
MSVOA_X
ClientSampleId :
F6C24

Tgt Ion: 75 Resp: 2692
Ion Ratio Lower Upper
75 100
77 36.7 22.0 41.0



#46
Tetrachloroethene
Concen: 51.437 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX036030.D
Acq: 06 Jun 2023 14:14

Tgt Ion: 164 Resp: 92927
Ion Ratio Lower Upper
164 100
129 100.1 74.8 139.0
131 99.3 68.9 127.9
166 127.1 86.8 161.2

