

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU021022\
 Data File : VU047086.D
 Acq On : 10 Feb 2022 20:14
 Operator : SY/MD
 Sample : N1462-02
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4M21

Quant Time: Feb 11 01:16:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Feb 11 01:13:45 2022
 Response via : Initial Calibration

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

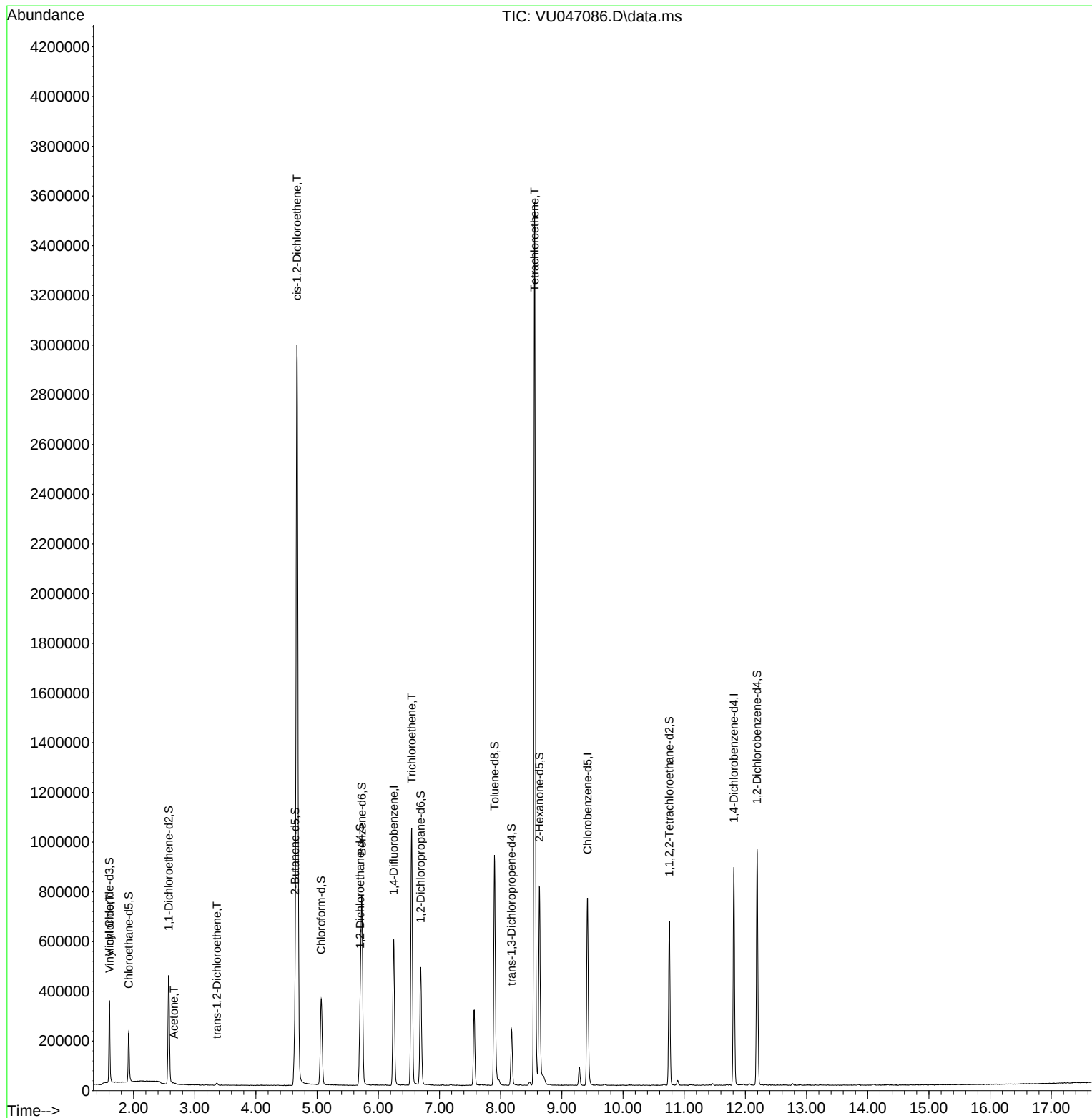
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	494535	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	461083	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	237639	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	198022	44.089	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	88.180%		
7) Chloroethane-d5	1.919	69	153539	46.115	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	92.240%		
11) 1,1-Dichloroethene-d2	2.575	63	264081	35.481	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.960%		
21) 2-Butanone-d5	4.642	46	409929	117.683	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	117.680%		
24) Chloroform-d	5.067	84	325833	44.687	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	89.380%		
26) 1,2-Dichloroethane-d4	5.703	65	216180	46.193	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.380%		
32) Benzene-d6	5.732	84	709260	46.269	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	92.540%		
36) 1,2-Dichloropropane-d6	6.694	67	230947	46.458	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	92.920%		
41) Toluene-d8	7.899	98	667763	45.752	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.500%		
43) trans-1,3-Dichloroprop...	8.179	79	118746	45.582	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	91.160%		
47) 2-Hexanone-d5	8.632	63	299926	105.314	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	105.310%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	337900	46.616	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	93.240%		
66) 1,2-Dichlorobenzene-d4	12.192	152	258312	45.833	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	91.660%		
Target Compounds						Qvalue
5) Vinyl chloride	1.610	62	55144	12.001	ug/L	96
13) Acetone	2.662	43	6804	2.681	ug/L	76
17) trans-1,2-Dichloroethene	3.363	96	3334	0.987	ug/L	77
20) cis-1,2-Dichloroethene	4.671	96	1522261	407.327	ug/L #	93
34) Trichloroethene	6.546	95	353890	94.733	ug/L	98
46) Tetrachloroethene	8.555	164	831489	276.692	ug/L	97

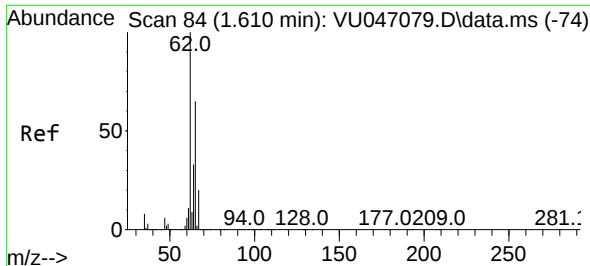
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Fri Feb 11 01:13:45 2022
Response via : Initial Calibration

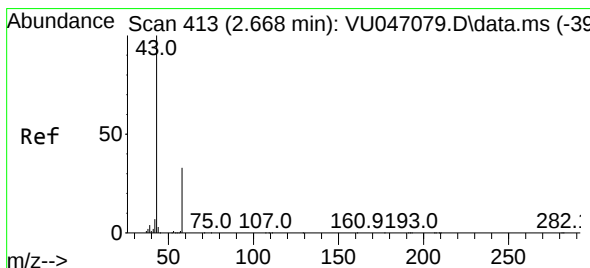
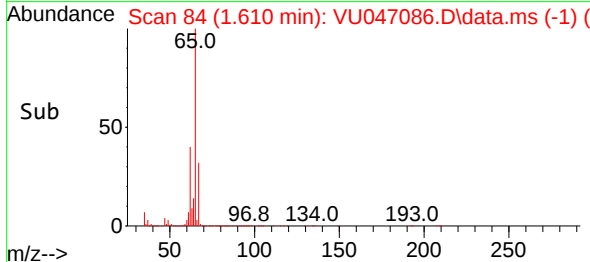
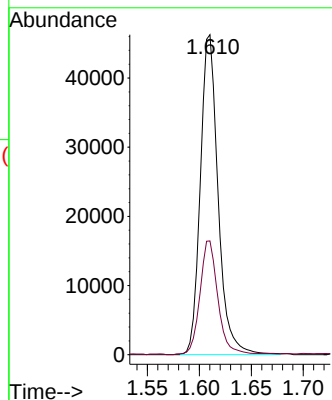
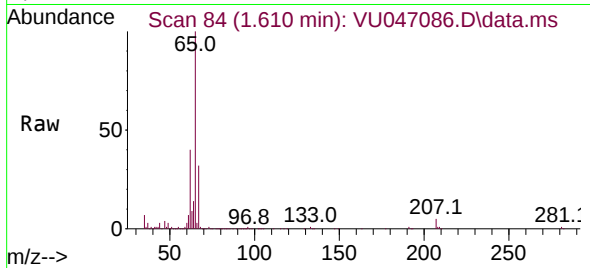




#5
 Vinyl chloride
 Concen: 12.001 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. 0.000 min
 Lab File: VU047086.D
 Acq: 10 Feb 2022 20:14

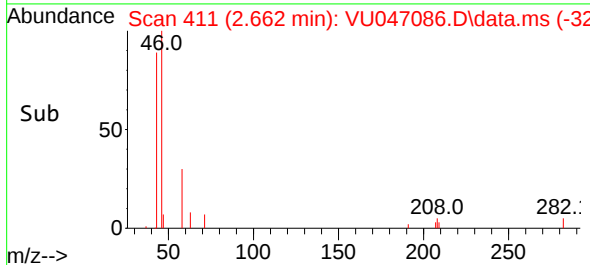
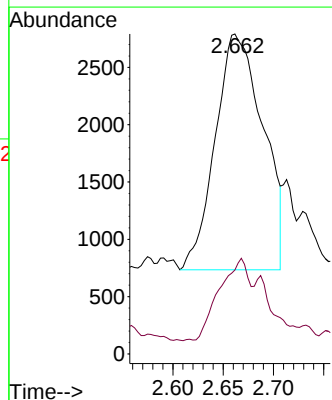
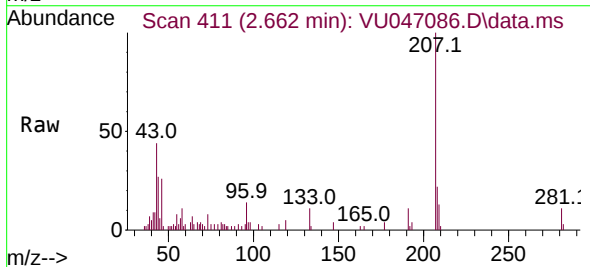
Instrument :
 MSVOA_U
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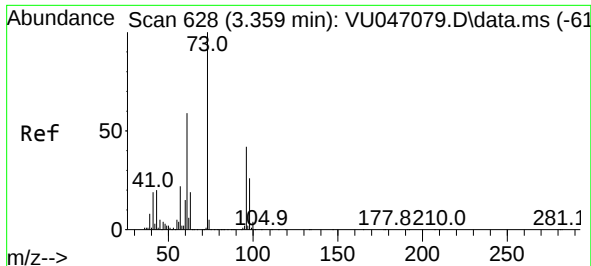
Tgt Ion: 62 Resp: 55144
 Ion Ratio Lower Upper
 62 100
 64 35.5 23.1 42.9



#13
 Acetone
 Concen: 2.681 ug/L
 RT: 2.662 min Scan# 411
 Delta R.T. -0.006 min
 Lab File: VU047086.D
 Acq: 10 Feb 2022 20:14

Tgt Ion: 43 Resp: 6804
 Ion Ratio Lower Upper
 43 100
 58 21.2 0.0 71.0

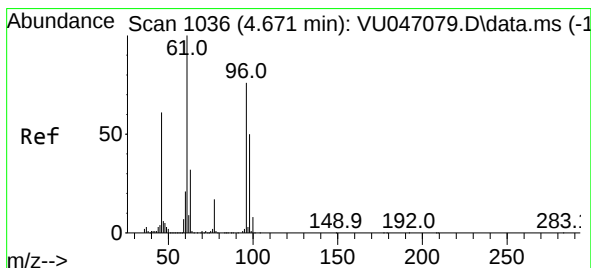
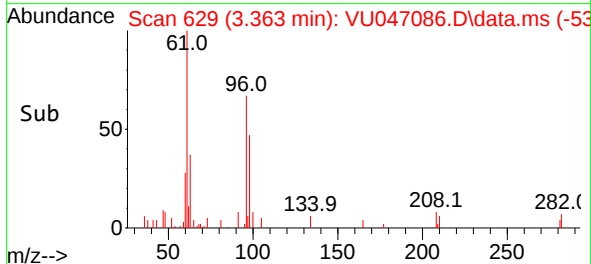
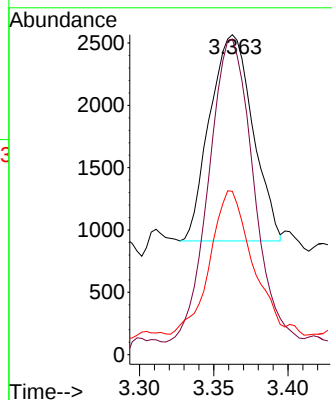
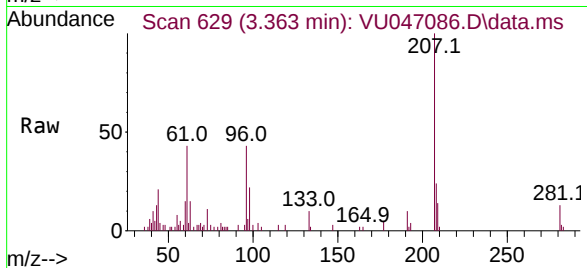




#17
trans-1,2-Dichloroethene
Concen: 0.987 ug/L
RT: 3.363 min Scan# 61
Delta R.T. 0.003 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

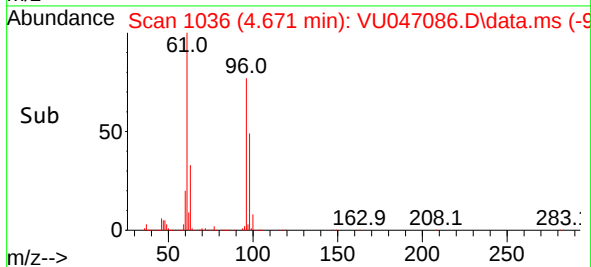
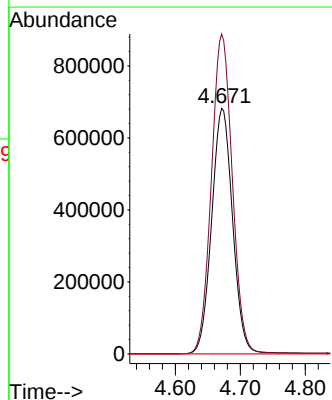
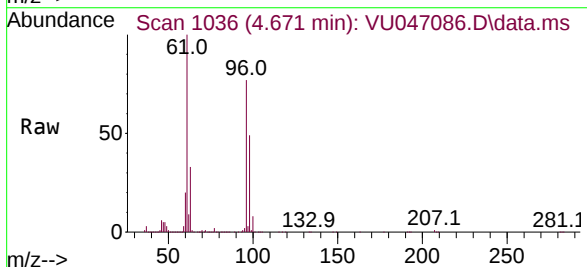
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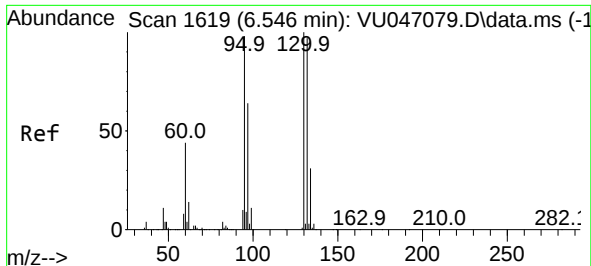
Tgt Ion: 96 Resp: 3334
Ion Ratio Lower Upper
96 100
61 98.6 92.5 171.9
98 51.0 42.4 78.6



#20
cis-1,2-Dichloroethene
Concen: 407.327 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

Tgt Ion: 96 Resp: 1522261
Ion Ratio Lower Upper
96 100
61 130.3 86.0 159.6
68 0.0 0.0 0.0

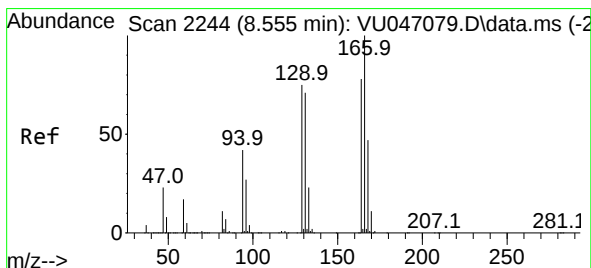
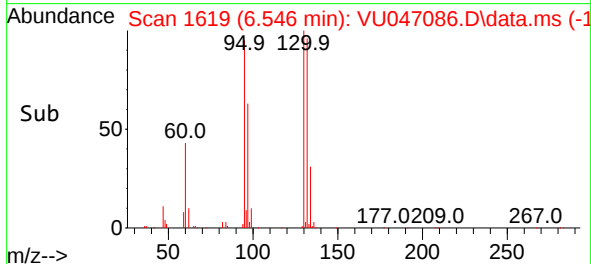
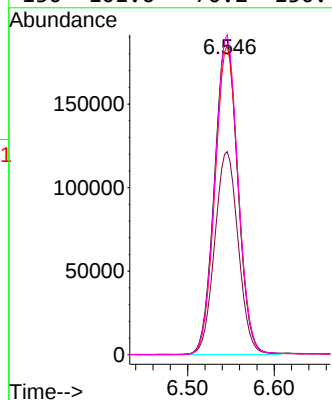
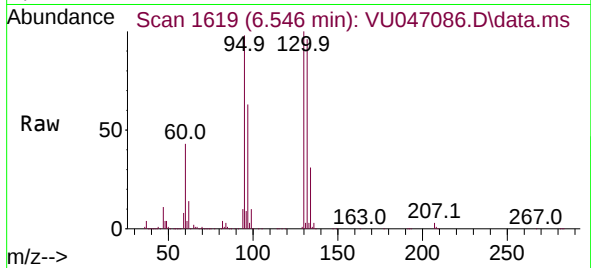




#34
Trichloroethene
Concen: 94.733 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

Instrument :
MSVOA_U
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Tgt Ion: 95 Resp: 353890
Ion Ratio Lower Upper
95 100
97 64.5 45.1 83.7
132 98.0 66.7 123.9
130 101.6 70.2 130.4



#46
Tetrachloroethene
Concen: 276.692 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU047086.D
Acq: 10 Feb 2022 20:14

Tgt Ion: 164 Resp: 831489
Ion Ratio Lower Upper
164 100
129 95.2 69.5 129.1
131 92.2 67.0 124.4
166 128.1 90.6 168.2

