

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU111621\
 Data File : VU045821.D
 Acq On : 16 Nov 2021 20:50
 Operator : SY/MD
 Sample : M4686-16
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG212

Quant Time: Nov 17 06:20:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR111521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Nov 17 04:49:52 2021
 Response via : Initial Calibration

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

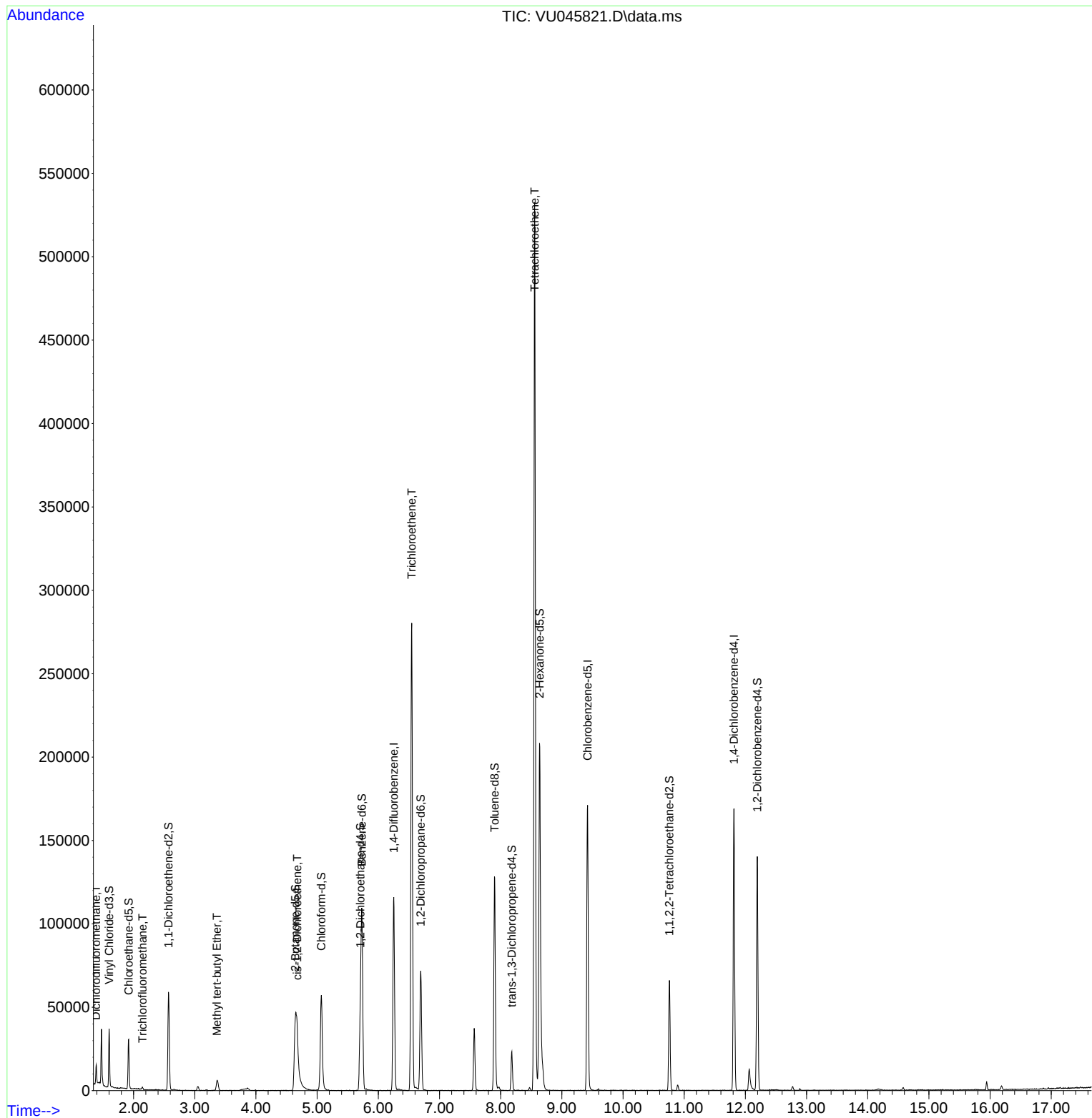
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	92459	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	95864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	43742	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	24359	3.325	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.600%
7) Chloroethane-d5	1.919	69	21286	3.992	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.800%
11) 1,1-Dichloroethene-d2	2.572	65	10890	3.544	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.800%
20) 2-Butanone-d5	4.645	46	106850	54.429	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.860%
24) Chloroform-d	5.070	84	52870	4.332	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.600%
26) 1,2-Dichloroethane-d4	5.707	65	31552	4.406	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.200%
32) Benzene-d6	5.732	84	102043	3.865	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.400%
36) 1,2-Dichloropropane-d6	6.694	67	35078	4.216	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.400%
41) Toluene-d8	7.899	98	86386	3.617	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	72.400%
43) trans-1,3-Dichloroprop...	8.182	79	13415	3.972	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.400%
46) 2-Hexanone-d5	8.636	63	76047	50.023	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.040%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	32791	4.665	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	36140	4.812	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	3806	0.506	ug/L	99
9) Trichlorofluoromethane	2.144	101	818	0.079	ug/L	92
17) Methyl tert-butyl Ether	3.363	73	6985	0.469	ug/L #	92
22) cis-1,2-Dichloroethene	4.674	96	6987	1.050	ug/L	95
34) Trichloroethene	6.546	95	95899	13.910	ug/L	99
47) Tetrachloroethene	8.555	164	114754	23.777	ug/L	97

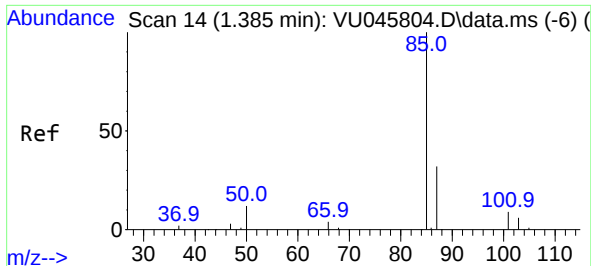
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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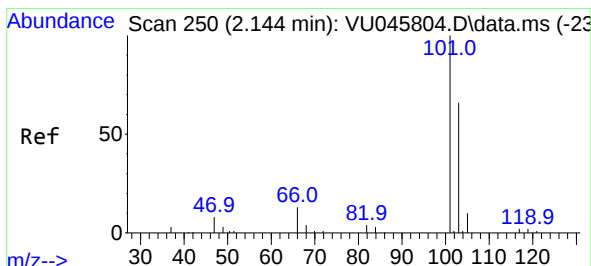
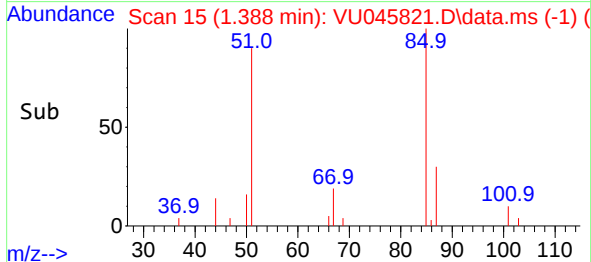
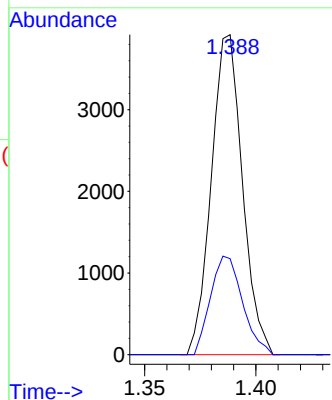
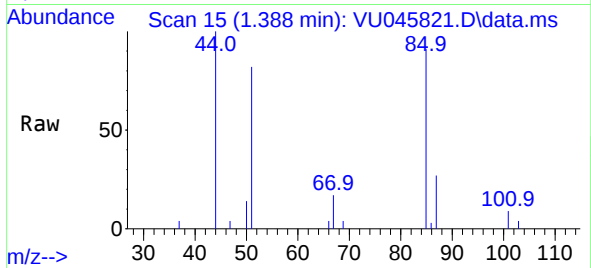




#2
Dichlorodifluoromethane
Concen: 0.506 ug/L
RT: 1.388 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU045821.D
Acq: 16 Nov 2021 20:50

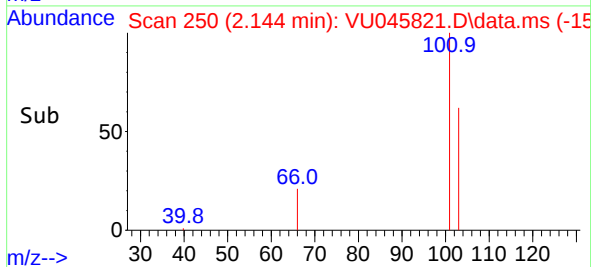
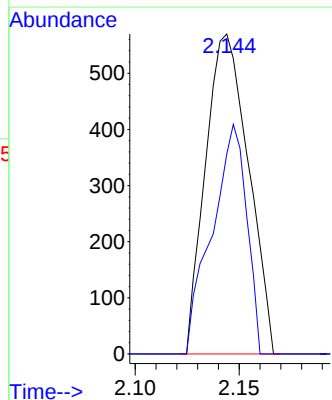
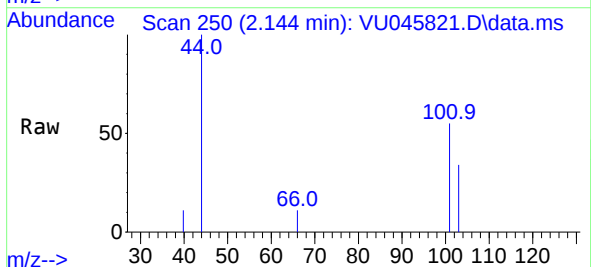
Instrument :
MSVOA_U
ClientSampleId :
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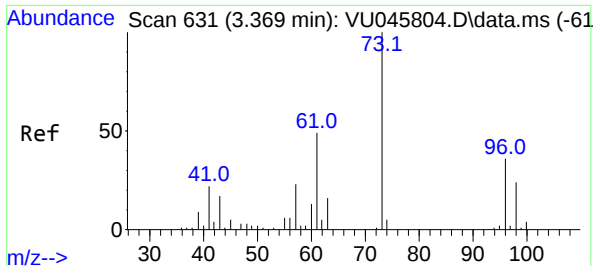
Tgt Ion: 85 Resp: 3806
Ion Ratio Lower Upper
85 100
87 31.7 25.8 38.6



#9
Trichlorofluoromethane
Concen: 0.079 ug/L
RT: 2.144 min Scan# 250
Delta R.T. 0.000 min
Lab File: VU045821.D
Acq: 16 Nov 2021 20:50

Tgt Ion:101 Resp: 818
Ion Ratio Lower Upper
101 100
103 58.1 51.5 77.3

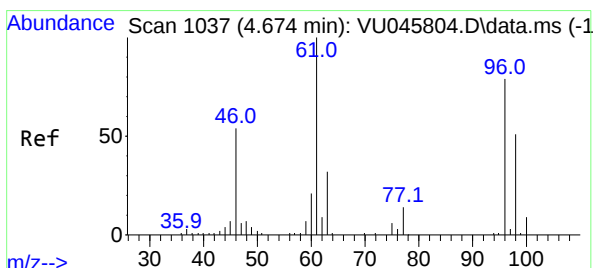
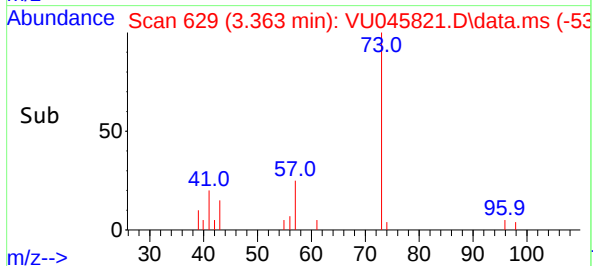
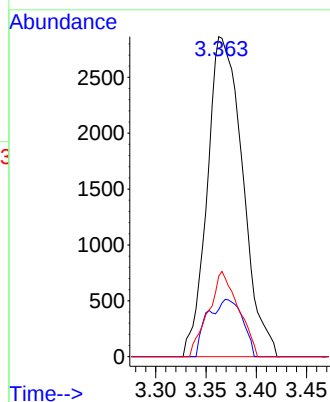
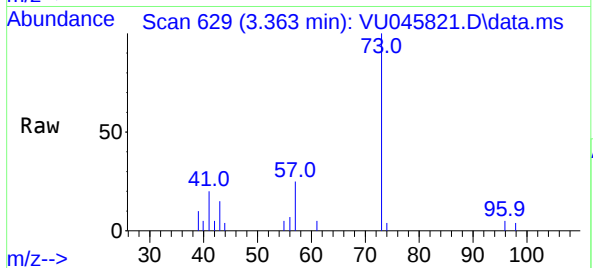




#17
Methyl tert-butyl Ether
Concen: 0.469 ug/L
RT: 3.363 min Scan# 61
Delta R.T. -0.006 min
Lab File: VU045821.D
Acq: 16 Nov 2021 20:50

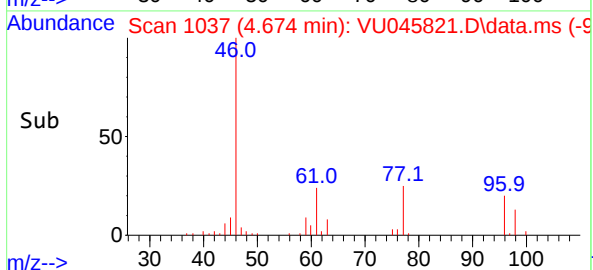
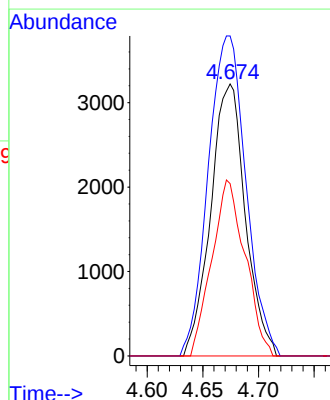
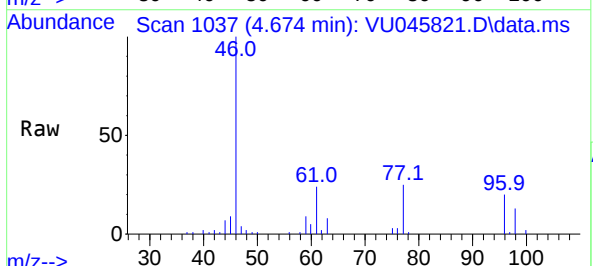
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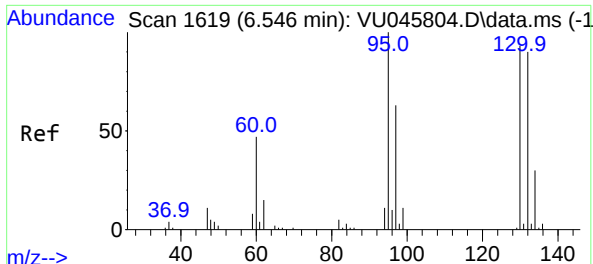
Tgt Ion: 73	Resp:	6985
Ion	Ratio	Lower Upper
73	100	
43	12.0	14.8 22.2#
57	22.7	17.4 26.0



#22
cis-1,2-Dichloroethene
Concen: 1.050 ug/L
RT: 4.674 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VU045821.D
Acq: 16 Nov 2021 20:50

Tgt Ion: 96	Resp:	6987
Ion	Ratio	Lower Upper
96	100	
61	117.6	88.5 164.3
98	63.3	44.4 82.5

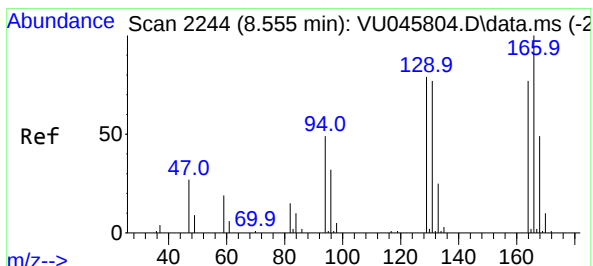
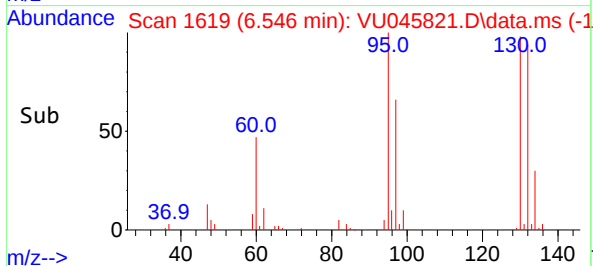
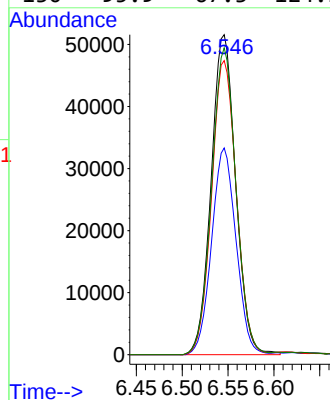
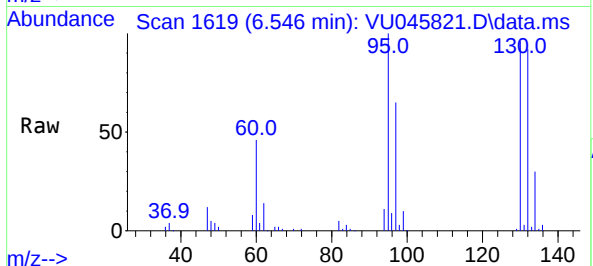




#34
Trichloroethene
Concen: 13.910 ug/L
RT: 6.546 min Scan# 1
Delta R.T. 0.000 min
Lab File: VU045821.D
Acq: 16 Nov 2021 20:50

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 95 Resp: 95899
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 91.9 65.1 120.9
130 95.9 67.3 124.9



#47
Tetrachloroethene
Concen: 23.777 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. 0.000 min
Lab File: VU045821.D
Acq: 16 Nov 2021 20:50

Tgt Ion:164 Resp: 114754
Ion Ratio Lower Upper
164 100
129 100.4 71.8 133.4
131 97.9 68.5 127.3
166 128.0 94.1 174.8

