

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU013122\
 Data File : VU046912.D
 Acq On : 31 Jan 2022 12:59
 Operator : SY/MD
 Sample : N1328-03 500X
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 COHM2

Quant Time: Feb 01 00:25:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR011822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Feb 01 00:23:47 2022
 Response via : Initial Calibration

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

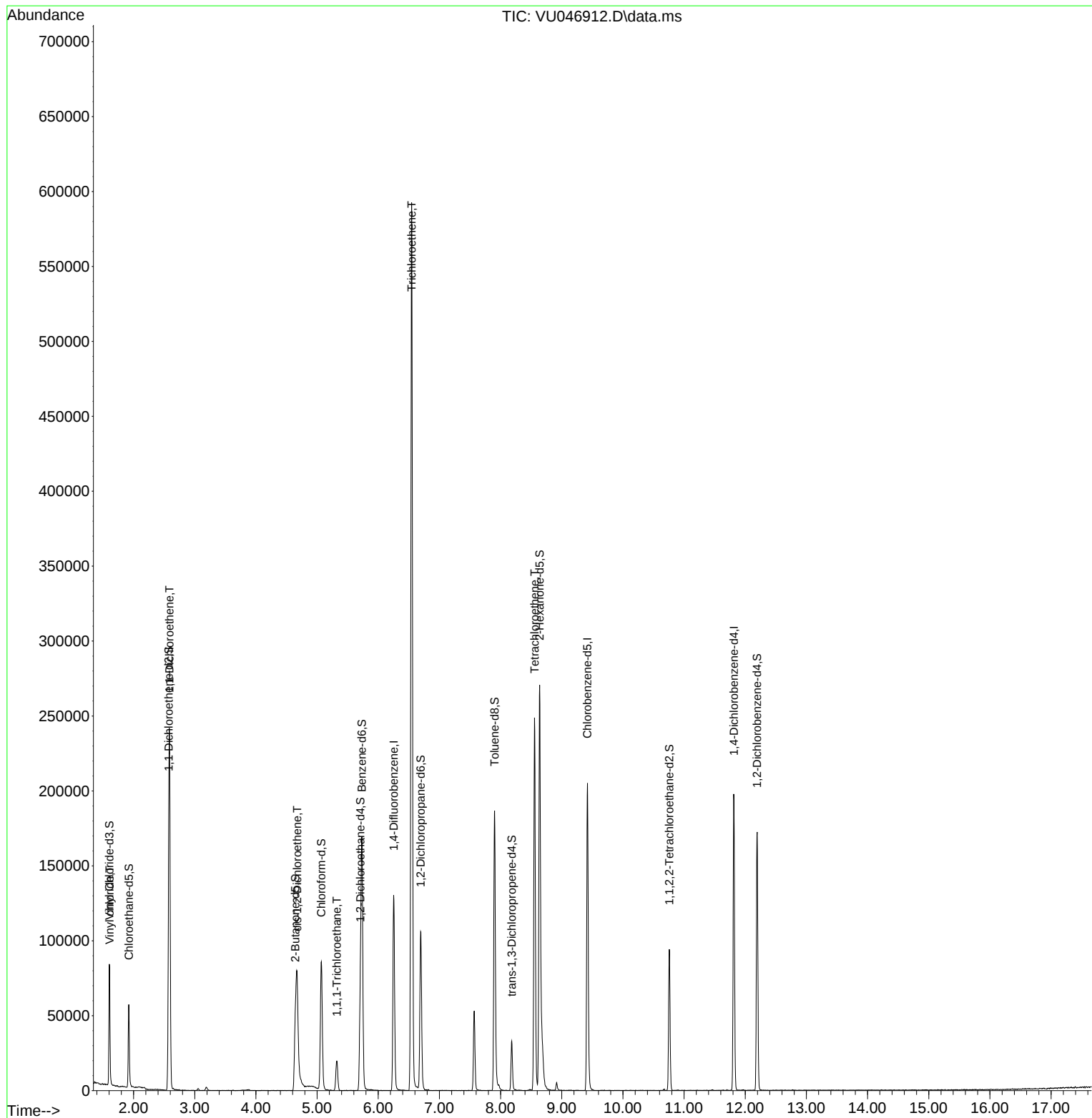
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	108894	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	121211	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.815	152	52686	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	55909	6.059	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.200%
7) Chloroethane-d5	1.922	69	42340	5.824	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.400%
11) 1,1-Dichloroethene-d2	2.575	65	21411	5.833	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.600%
20) 2-Butanone-d5	4.645	46	115935	42.412	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	84.820%
24) Chloroform-d	5.070	84	81851	5.053	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.000%
26) 1,2-Dichloroethane-d4	5.706	65	45774	5.189	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.800%
32) Benzene-d6	5.732	84	163802	4.598	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.000%
36) 1,2-Dichloropropane-d6	6.693	67	52674	4.925	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.400%
41) Toluene-d8	7.902	98	135359	4.151	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.000%
43) trans-1,3-Dichloroprop...	8.182	79	20166	4.293	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.800%
46) 2-Hexanone-d5	8.639	63	120469	43.313	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.620%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	48052	4.475	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.400%
66) 1,2-Dichlorobenzene-d4	12.195	152	46480	4.704	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.000%
Target Compounds						
						Qvalue
5) Vinyl chloride	1.610	62	6355	0.724	ug/L	85
12) 1,1-Dichloroethene	2.588	96	62447	10.270	ug/L	79
22) cis-1,2-Dichloroethene	4.674	96	24327	3.502	ug/L	96
29) 1,1,1-Trichloroethane	5.324	97	14997	1.374	ug/L	98
34) Trichloroethene	6.546	95	208684	28.165	ug/L	99
47) Tetrachloroethene	8.555	164	55266	9.171	ug/L	98

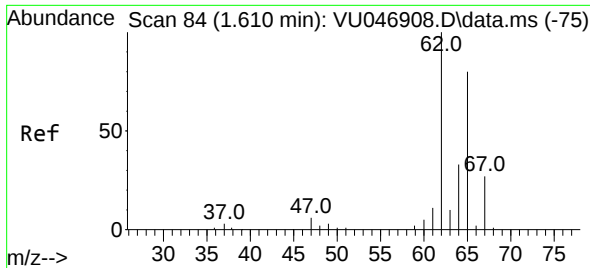
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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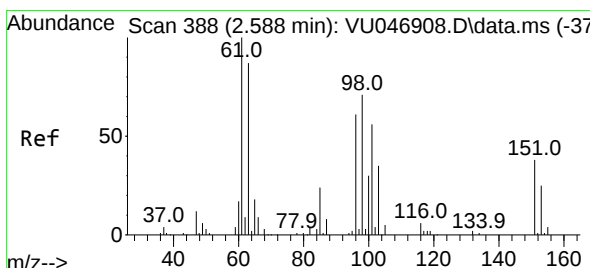
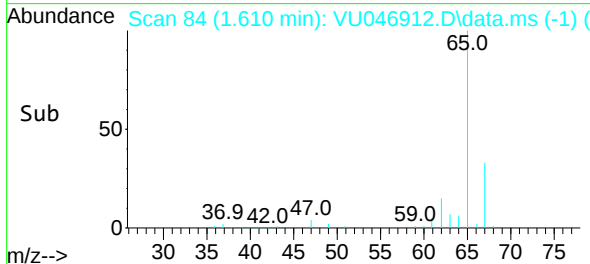
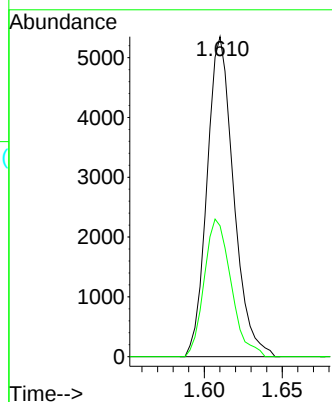
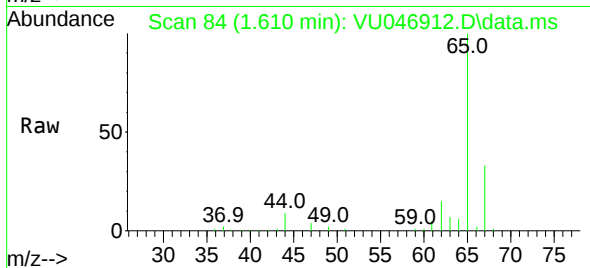




#5
 Vinyl chloride
 Concen: 0.724 ug/L
 RT: 1.610 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

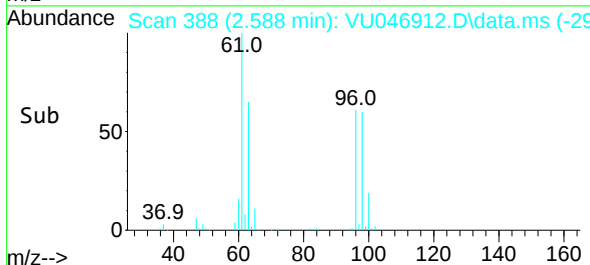
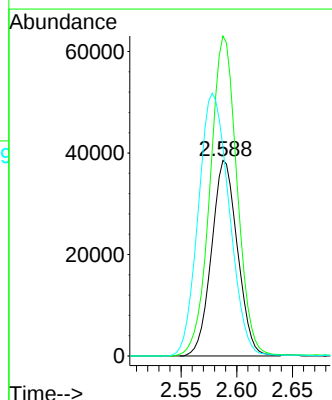
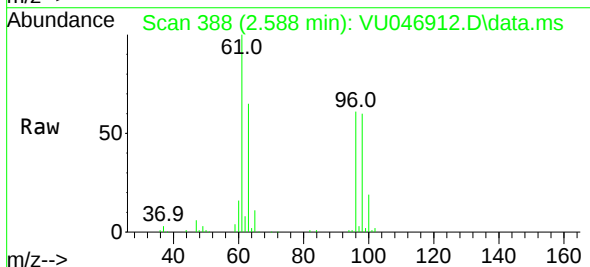
Instrument :
 MSVOA_U
 ClientSampleId :
 COHM2

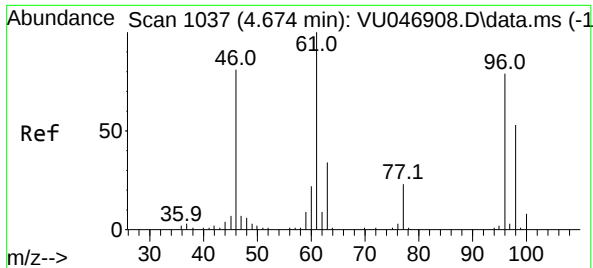
Tgt Ion: 62 Resp: 6355
 Ion Ratio Lower Upper
 62 100
 64 40.9 22.9 42.5



#12
 1,1-Dichloroethene
 Concen: 10.270 ug/L
 RT: 2.588 min Scan# 388
 Delta R.T. -0.000 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

Tgt Ion: 96 Resp: 62447
 Ion Ratio Lower Upper
 96 100
 61 163.7 124.7 231.5
 63 106.8 105.2 195.4



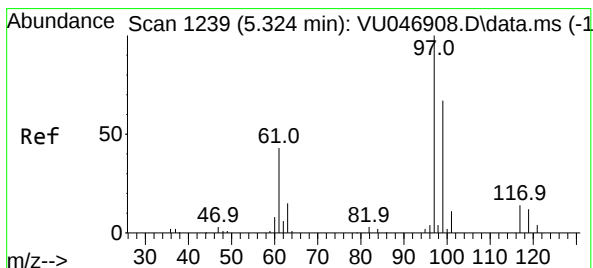
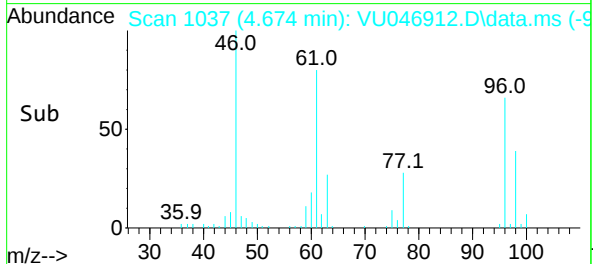
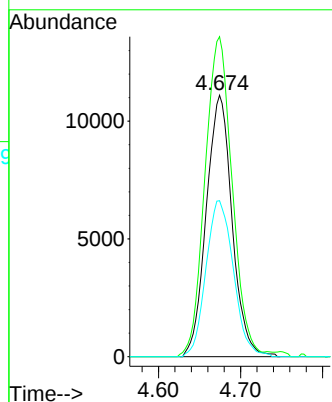
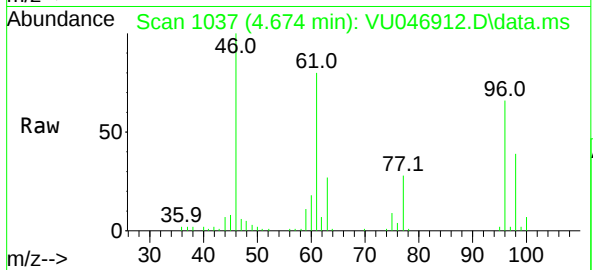


#22
 cis-1,2-Dichloroethene
 Concen: 3.502 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. -0.000 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

Instrument :
 MSVOA_U
 ClientSampleId :
 C0HM2

Tgt Ion: 96 Resp: 24327

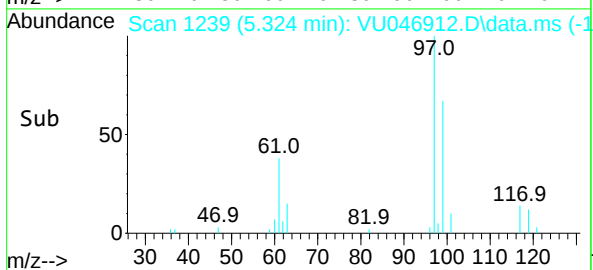
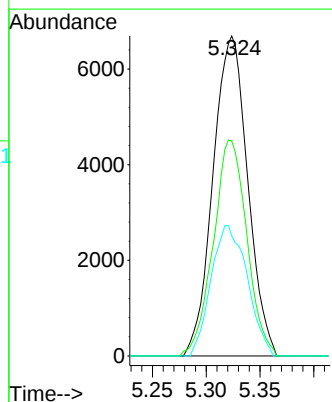
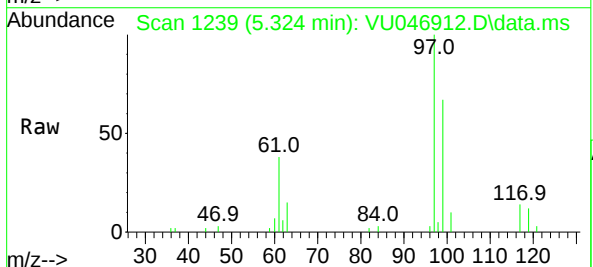
Ion	Ratio	Lower	Upper
96	100		
61	122.4	88.5	164.3
98	59.7	44.4	82.5

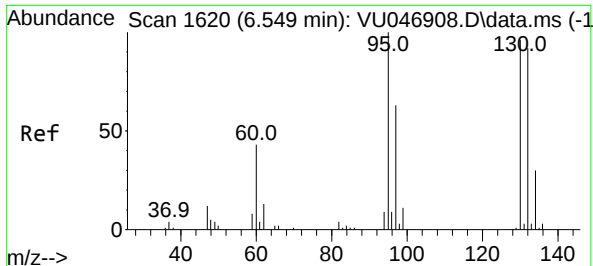


#29
 1,1,1-Trichloroethane
 Concen: 1.374 ug/L
 RT: 5.324 min Scan# 1239
 Delta R.T. -0.000 min
 Lab File: VU046912.D
 Acq: 31 Jan 2022 12:59

Tgt Ion: 97 Resp: 14997

Ion	Ratio	Lower	Upper
97	100		
99	65.2	51.3	76.9
61	42.6	36.1	54.1

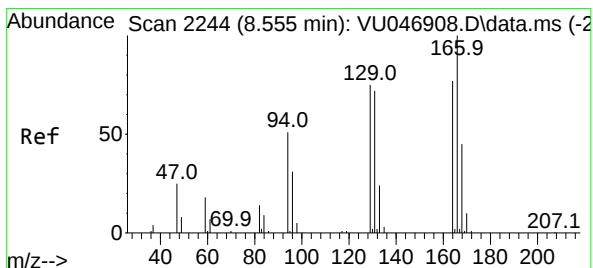
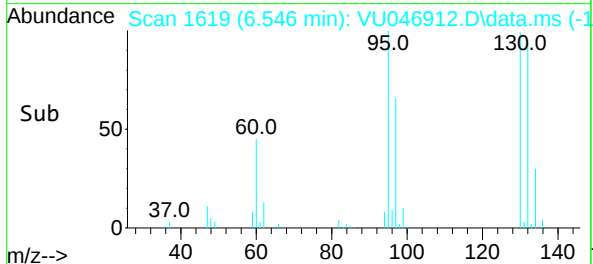
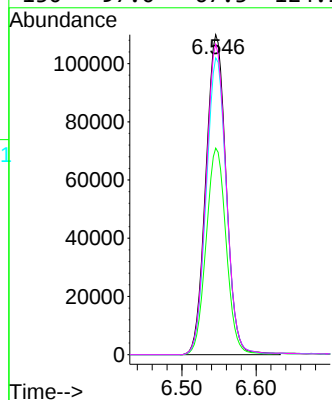
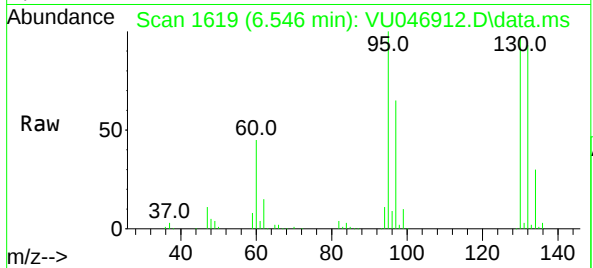




#34
Trichloroethene
Concen: 28.165 ug/L
RT: 6.546 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046912.D
Acq: 31 Jan 2022 12:59

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MSVOA_U
ClientSampleId :
C0HM2

Tgt Ion: 95 Resp: 208684
Ion Ratio Lower Upper
95 100
97 64.6 46.5 86.5
132 92.7 65.1 120.9
130 97.0 67.3 124.9



#47
Tetrachloroethene
Concen: 9.171 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.000 min
Lab File: VU046912.D
Acq: 31 Jan 2022 12:59

Tgt Ion: 164 Resp: 55266
Ion Ratio Lower Upper
164 100
129 99.5 71.8 133.4
131 97.5 68.5 127.3
166 132.0 94.1 174.8

