

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW021821\
 Data File : VW018204.D
 Acq On : 18 Feb 2021 12:06
 Operator : SY/VA
 Sample : M1414-23
 Misc : 5.05G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VHBLK01

Quant Time: Feb 18 13:37:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM012921S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Feb 18 06:15:22 2021
 Response via : Initial Calibration

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

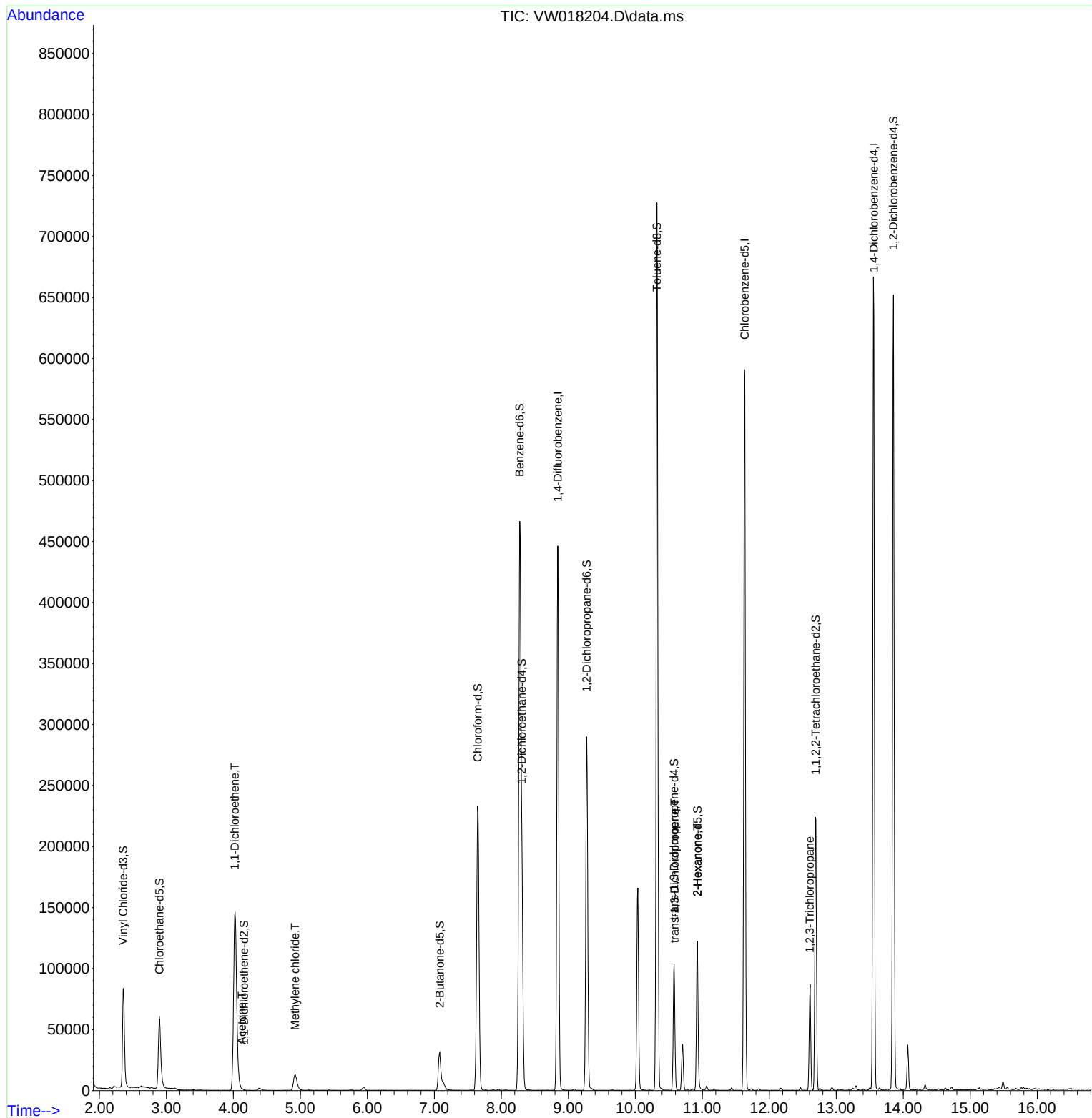
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	395353	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	362214	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	194495	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	102172	20.79	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	83.16%
7) Chloroethane-d5	2.898	69	84467	21.66	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.64%
10) 1,1-Dichloroethene-d2	4.160	63	81	0.01	ug/L	0.14
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.080	46	51574	39.33	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.66%
24) Chloroform-d	7.647	84	248524	23.95	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	8.305	65	129275	23.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.56%
29) Benzene-d6	8.275	84	506917	25.49	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.96%
33) 1,2-Dichloropropane-d6	9.274	67	138764	24.95	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.80%
37) Toluene-d8	10.323	98	497207	26.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	105.08%
38) trans-1,3-Dichloroprop...	10.579	79	61488	24.39	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	97.56%
39) 2-Hexanone-d5	10.927	63	45212	42.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.02%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	113241	23.18	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.72%
61) 1,2-Dichlorobenzene-d4	13.853	152	183458	26.44	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	105.76%
Target Compounds						
					Qvalue	
12) 1,1-Dichloroethene	4.019	96	1559	0.30	ug/L #	1
13) Acetone	4.129	43	493	0.51	ug/L	78
16) Methylene chloride	4.922	84	12516	1.98	ug/L	90
45) trans-1,3-Dichloropropene	10.585	75	2704	0.40	ug/L	84
49) 2-Hexanone	10.927	43	4636	2.21	ug/L #	59
59) 1,2,3-Trichloropropane	12.603	75	784	0.21	ug/L	96

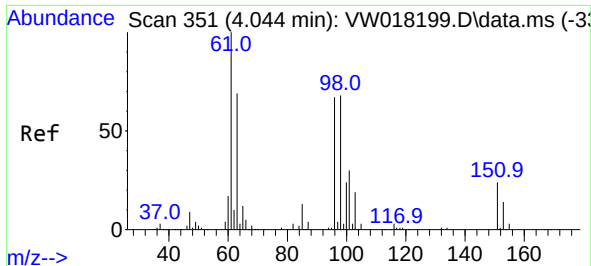
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Feb 18 06:15:22 2021
Response via : Initial Calibration

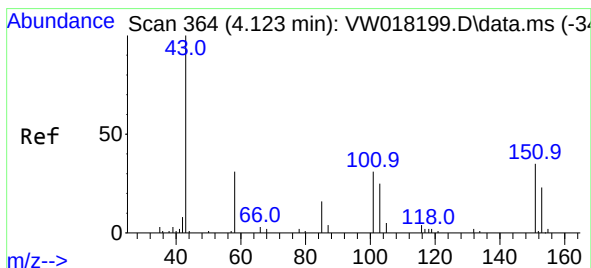
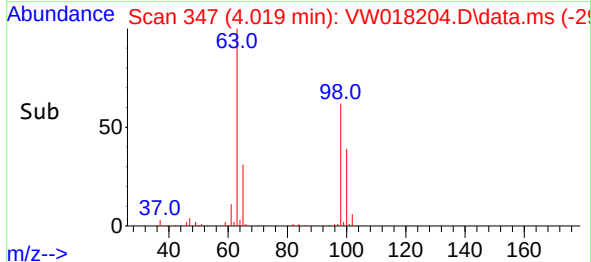
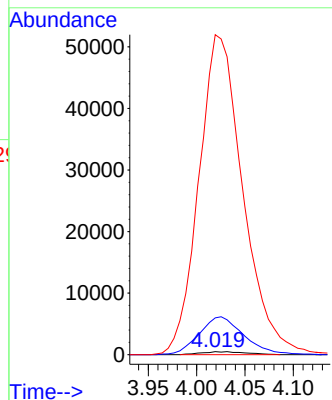
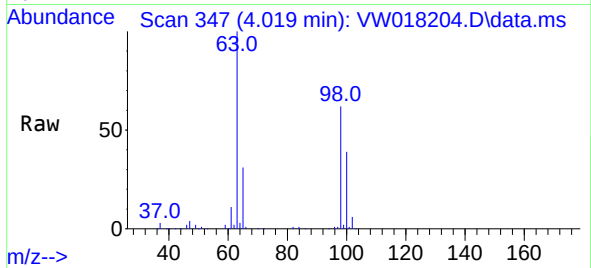




#12
1,1-Dichloroethene
Concen: 0.30 ug/L
RT: 4.019 min Scan# 347
Delta R.T. -0.024 min
Lab File: VW018204.D
Acq: 18 Feb 2021 12:06

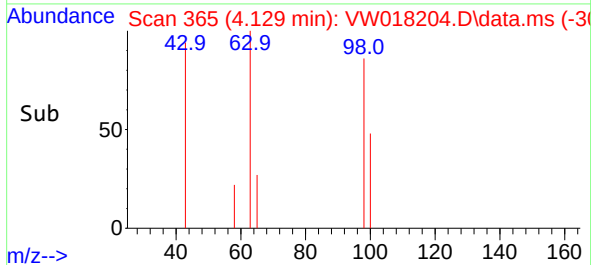
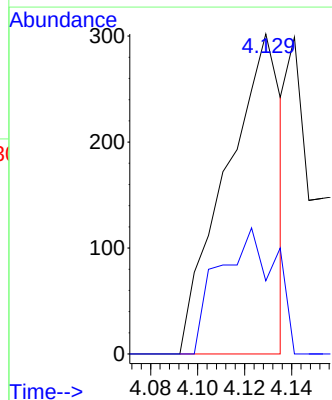
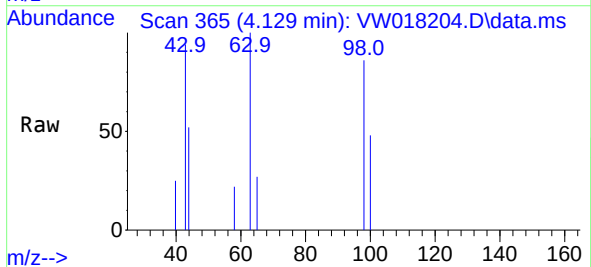
Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

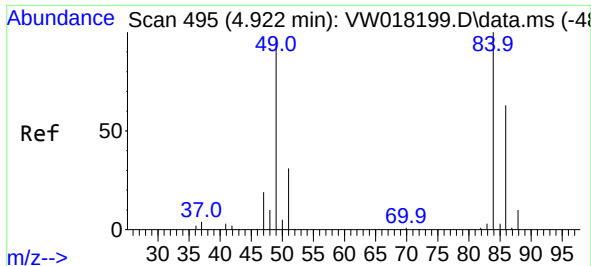
Tgt Ion: 96 Resp: 1559
Ion Ratio Lower Upper
96 100
61 1206.1 112.5 208.9#
63 10501.8 83.1 154.3#



#13
Acetone
Concen: 0.51 ug/L
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW018204.D
Acq: 18 Feb 2021 12:06

Tgt Ion: 43 Resp: 493
Ion Ratio Lower Upper
43 100
58 21.3 0.0 68.4



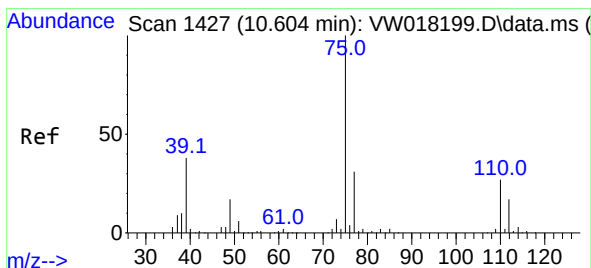
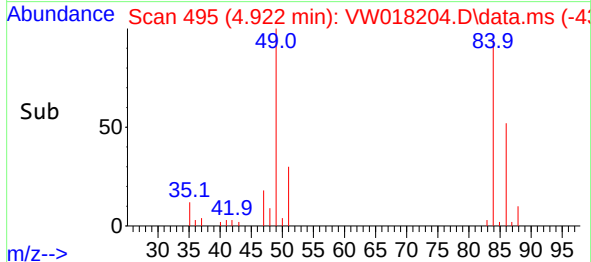
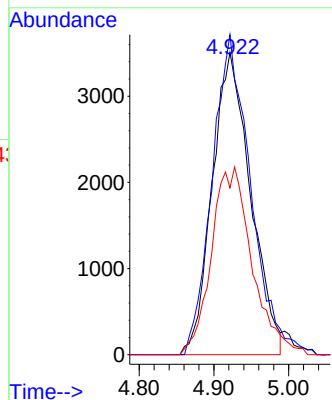
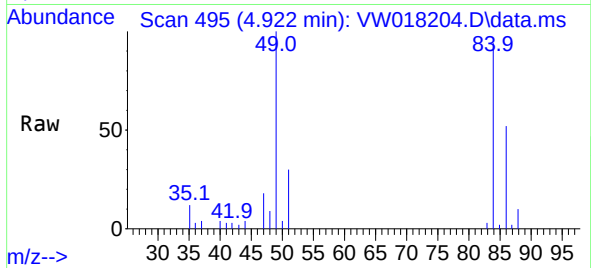


#16
Methylene chloride
Concen: 1.98 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.012 min
Lab File: VW018204.D
Acq: 18 Feb 2021 12:06

Instrument :
MSVOA_W
ClientSampled :
VHBLK01

Tgt Ion: 84 Resp: 12516

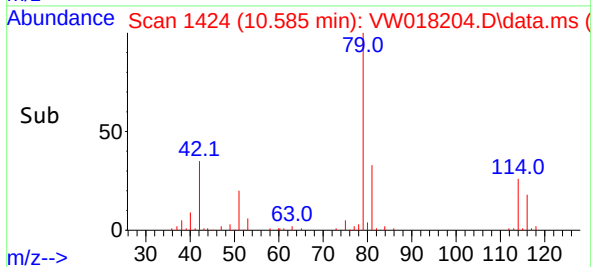
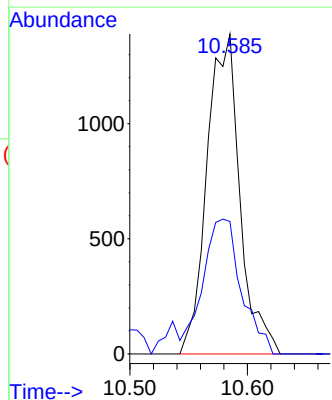
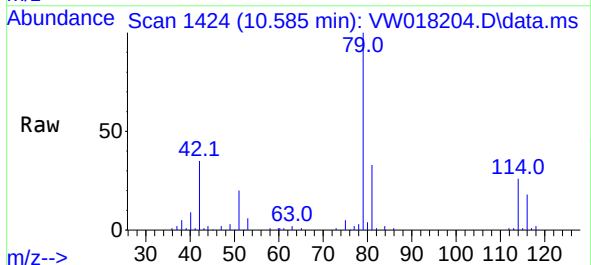
Ion	Ratio	Lower	Upper
84	100		
49	105.9	81.2	150.8
86	55.2	44.5	82.7

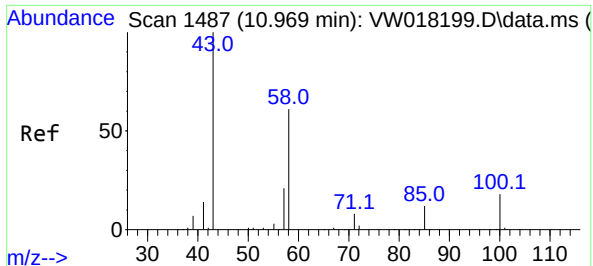


#45
trans-1,3-Dichloropropene
Concen: 0.40 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.018 min
Lab File: VW018204.D
Acq: 18 Feb 2021 12:06

Tgt Ion: 75 Resp: 2704

Ion	Ratio	Lower	Upper
75	100		
77	41.4	22.6	42.0

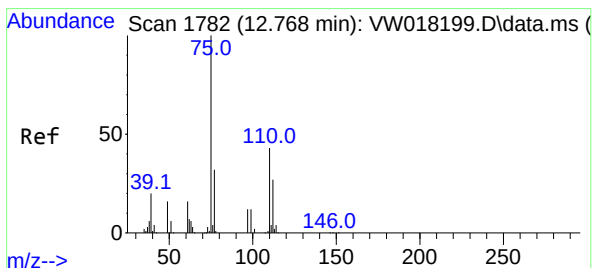
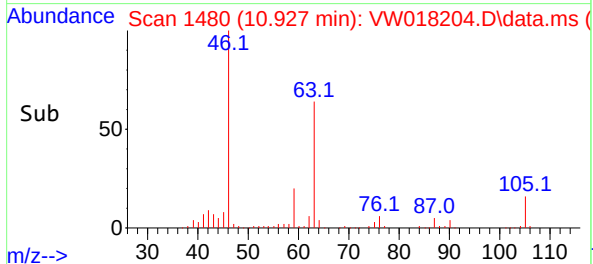
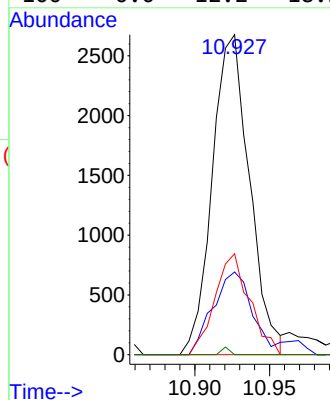
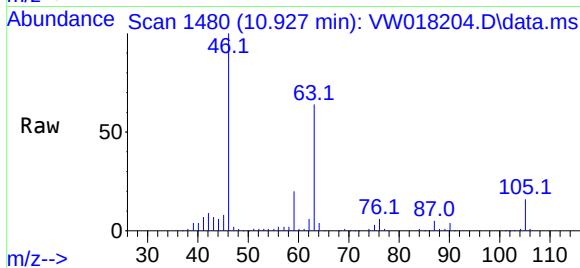




#49
2-Hexanone
Concen: 2.21 ug/L
RT: 10.927 min Scan# 1480
Delta R.T. -0.037 min
Lab File: VW018204.D
Acq: 18 Feb 2021 12:06

Instrument :
MSVOA_W
ClientSampled :
VHBLK01

Tgt Ion:	43	Resp:	4636
Ion	Ratio	Lower	Upper
43	100		
58	26.9	51.3	76.9#
57	29.4	15.0	22.6#
100	0.0	12.2	18.2#



#59
1,2,3-Trichloropropane
Concen: 0.21 ug/L
RT: 12.603 min Scan# 1755
Delta R.T. -0.165 min
Lab File: VW018204.D
Acq: 18 Feb 2021 12:06

Tgt Ion:	75	Resp:	784
Ion	Ratio	Lower	Upper
75	100		
77	35.2	26.6	39.8

