

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW031521\
 Data File : VW018338.D
 Acq On : 15 Mar 2021 12:55
 Operator : SY/VA
 Sample : VW0315SBL01
 Misc : 5.00G/10ML/MSVOA_W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 16 01:17:02 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Mar 16 01:16:18 2021
 Response via : Initial Calibration

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

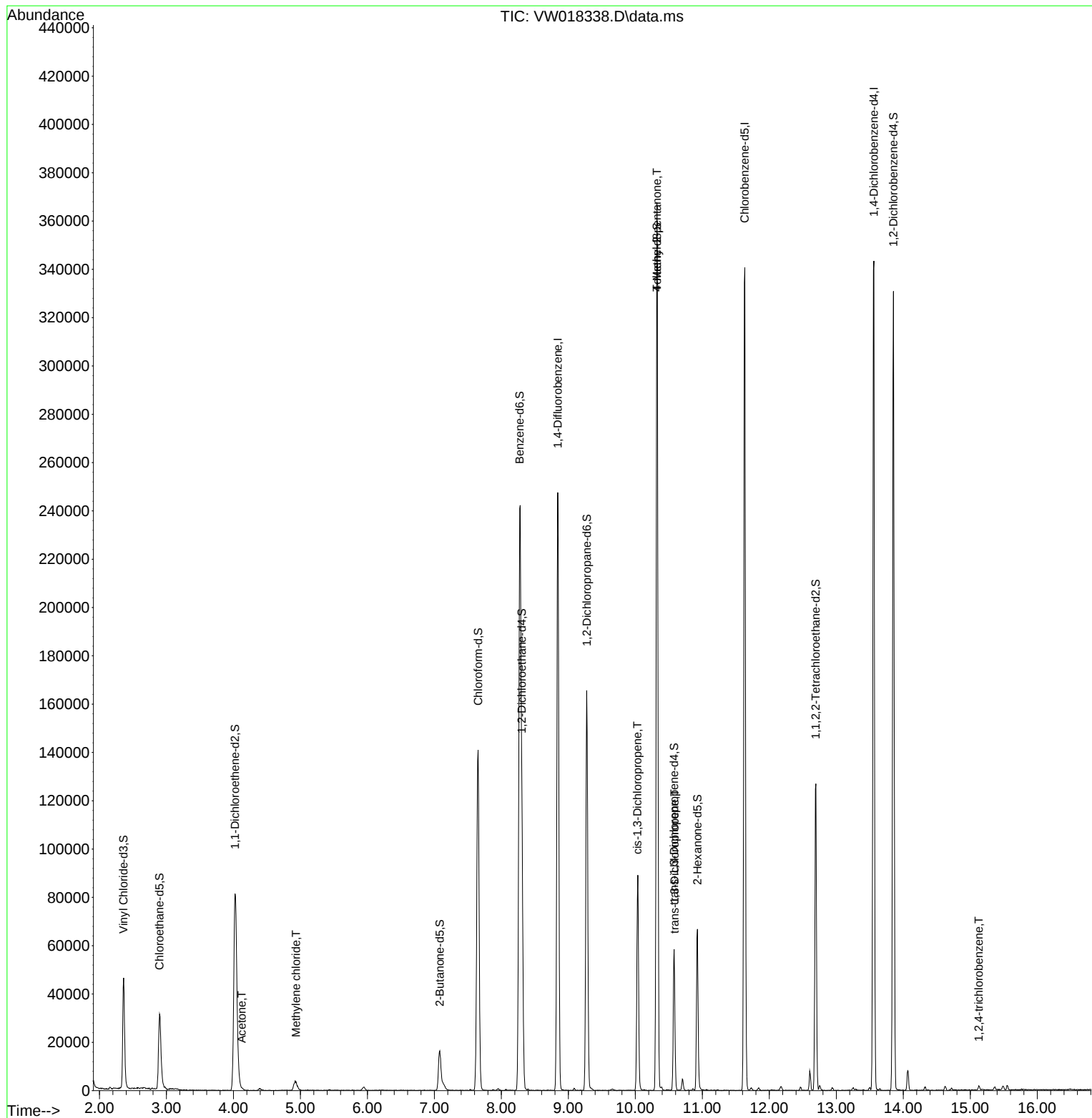
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	208203	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	190252	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.560	152	86711	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.361	65	53227	23.61	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.44%
7) Chloroethane-d5	2.897	69	43688	23.86	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.44%
10) 1,1-Dichloroethene-d2	4.025	63	94040	17.95	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.80%
20) 2-Butanone-d5	7.080	46	27449	51.21	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.42%
24) Chloroform-d	7.653	84	141014	25.00	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	8.305	65	78554	25.31	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.24%
29) Benzene-d6	8.275	84	254376	25.12	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.48%
33) 1,2-Dichloropropane-d6	9.274	67	71363	25.43	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.72%
37) Toluene-d8	10.323	98	242068	24.77	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	99.08%
38) trans-1,3-Dichloroprop...	10.579	79	32505	23.37	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	93.48%
39) 2-Hexanone-d5	10.927	63	23427	50.18	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	100.36%
48) 1,1,2,2-Tetrachloroeth...	12.695	84	59243	24.69	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.76%
61) 1,2-Dichlorobenzene-d4	13.853	152	83966	26.64	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	106.56%
Target Compounds						
					Qvalue	
13) Acetone	4.123	43	196	0.47	ug/L	68
16) Methylene chloride	4.934	84	3596	1.13	ug/L	95
42) cis-1,3-Dichloropropene	10.030	75	2834	0.67	ug/L	97
43) 4-Methyl-2-pentanone	10.323	43	973	0.74	ug/L #	1
45) trans-1,3-Dichloropropene	10.585	75	1798	0.47	ug/L #	75
68) 1,2,4-trichlorobenzene	15.127	180	739	0.21	ug/L #	89

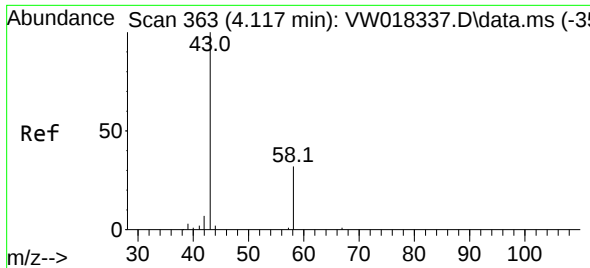
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 16 01:17:02 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SOM2WLM030821S.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 16 01:16:18 2021
Response via : Initial Calibration

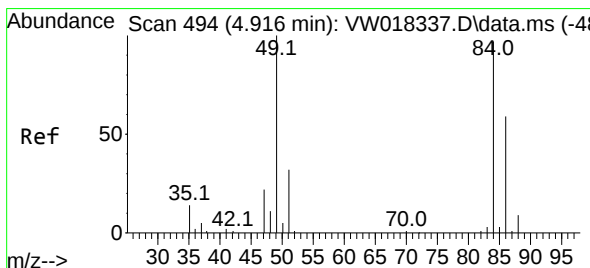
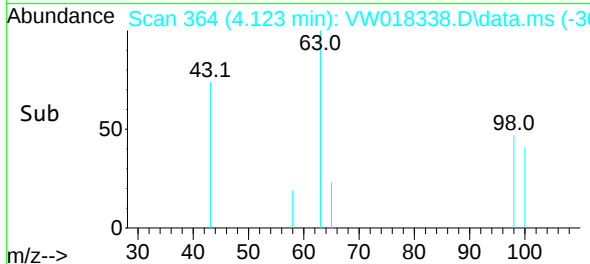
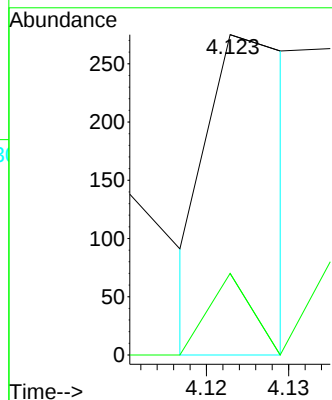
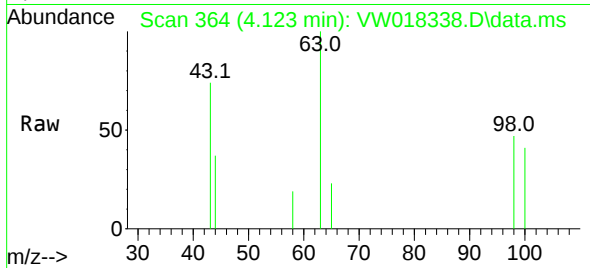




#13
Acetone
Concen: 0.47 ug/L
RT: 4.123 min Scan# 364
Delta R.T. 0.006 min
Lab File: VW018338.D
Acq: 15 Mar 2021 12:55

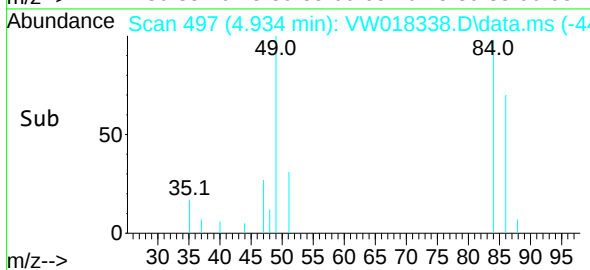
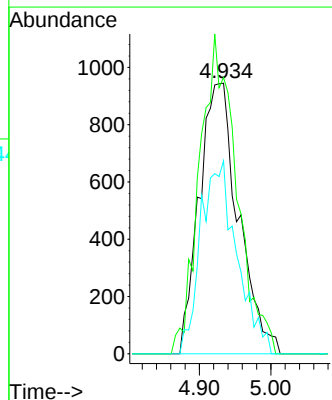
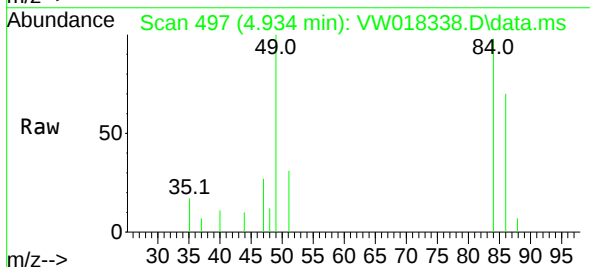
Instrument :
MSVOA_W
ClientSampled :

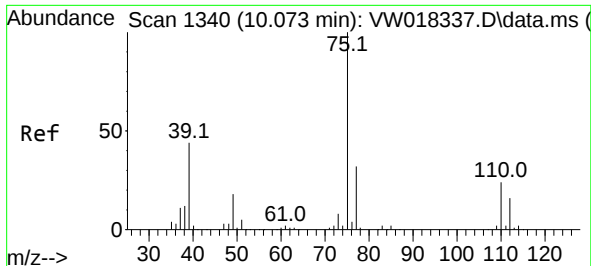
Tgt Ion: 43 Resp: 196
Ion Ratio Lower Upper
43 100
58 13.3 0.0 62.2



#16
Methylene chloride
Concen: 1.13 ug/L
RT: 4.934 min Scan# 497
Delta R.T. 0.018 min
Lab File: VW018338.D
Acq: 15 Mar 2021 12:55

Tgt Ion: 84 Resp: 3596
Ion Ratio Lower Upper
84 100
49 102.1 74.4 138.2
86 71.3 46.1 85.7

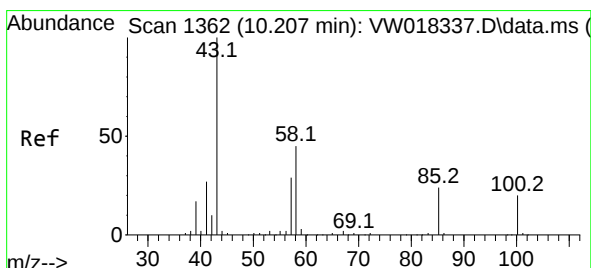
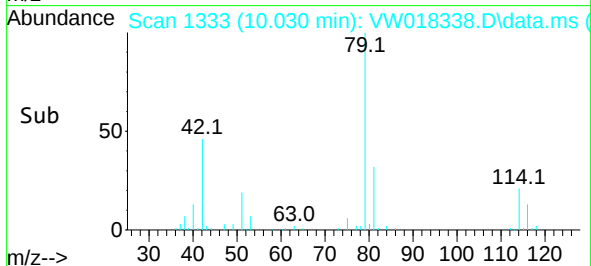
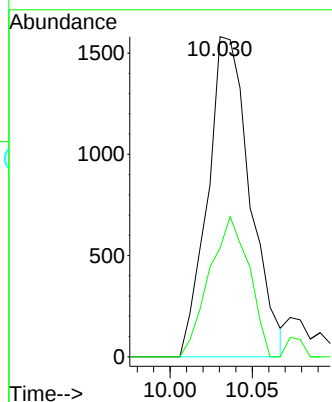
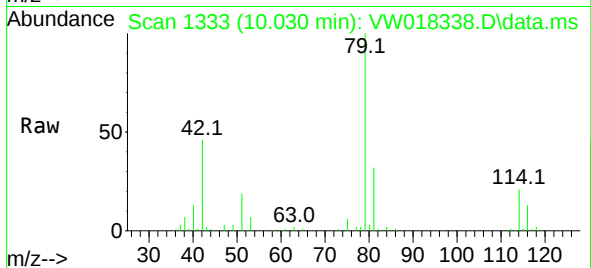




#42
cis-1,3-Dichloropropene
Concen: 0.67 ug/L
RT: 10.030 min Scan# 1333
Delta R.T. -0.043 min
Lab File: VW018338.D
Acq: 15 Mar 2021 12:55

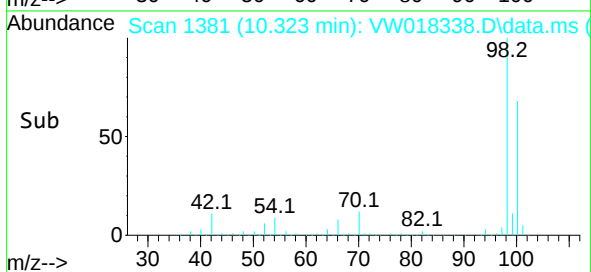
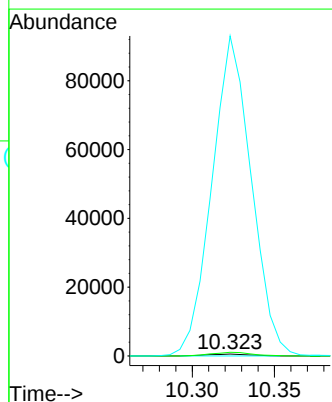
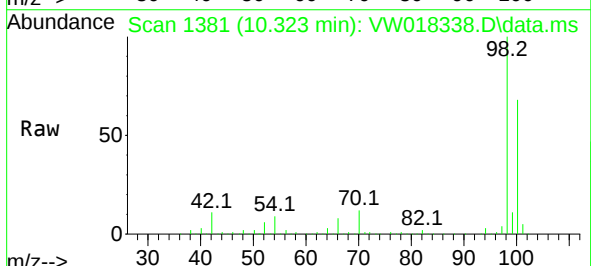
Instrument :
MSVOA_W
ClientSampled :

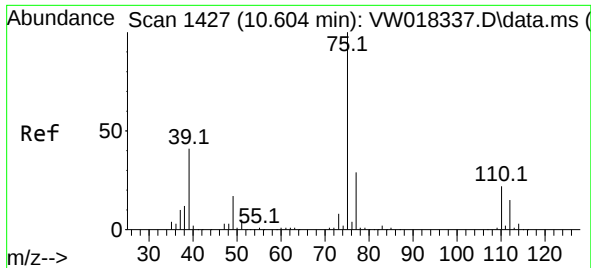
Tgt Ion: 75 Resp: 2834
Ion Ratio Lower Upper
75 100
77 33.9 22.4 41.6



#43
4-Methyl-2-pentanone
Concen: 0.74 ug/L
RT: 10.323 min Scan# 1381
Delta R.T. 0.116 min
Lab File: VW018338.D
Acq: 15 Mar 2021 12:55

Tgt Ion: 43 Resp: 973
Ion Ratio Lower Upper
43 100
58 187.7 34.8 52.2#
100 15996.8 15.9 23.9#

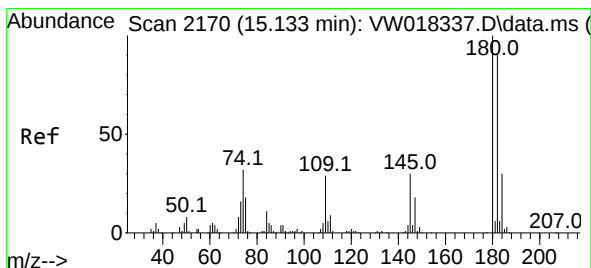
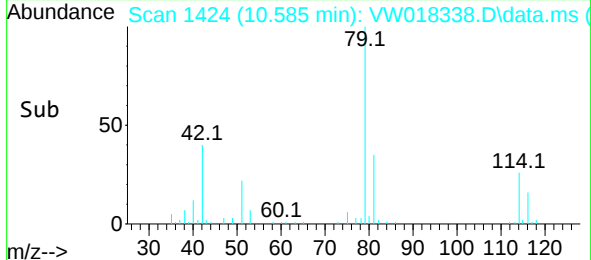
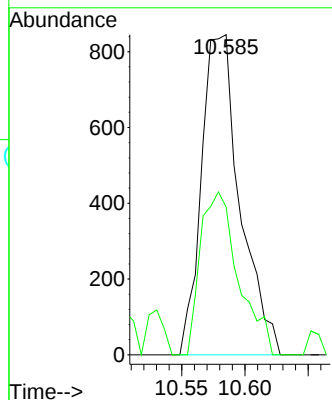
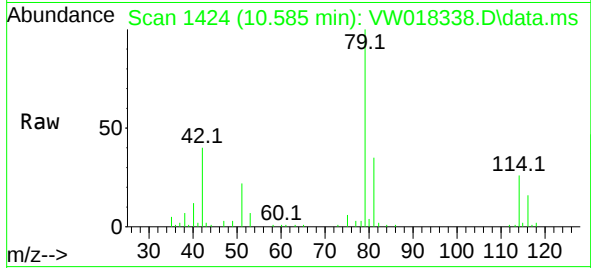




#45
trans-1,3-Dichloropropene
Concen: 0.47 ug/L
RT: 10.585 min Scan# 1424
Delta R.T. -0.019 min
Lab File: VW018338.D
Acq: 15 Mar 2021 12:55

Instrument :
MSVOA_W
ClientSampled :

Tgt Ion: 75 Resp: 1798
Ion Ratio Lower Upper
75 100
77 46.2 22.6 42.0#



#68
1,2,4-trichlorobenzene
Concen: 0.21 ug/L
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW018338.D
Acq: 15 Mar 2021 12:55

Tgt Ion:180 Resp: 739
Ion Ratio Lower Upper
180 100
182 86.2 70.2 105.4
145 10.4 24.9 37.3#

