

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW051724\
 Data File : VW028636.D
 Acq On : 17 May 2024 13:58
 Operator : SY/MD
 Sample : P2520-08
 Misc : 5.28g/10mL/MSVOA_W/SOIL/VIAL A
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: May 17 23:06:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri May 17 23:04:23 2024
 Response via : Initial Calibration

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

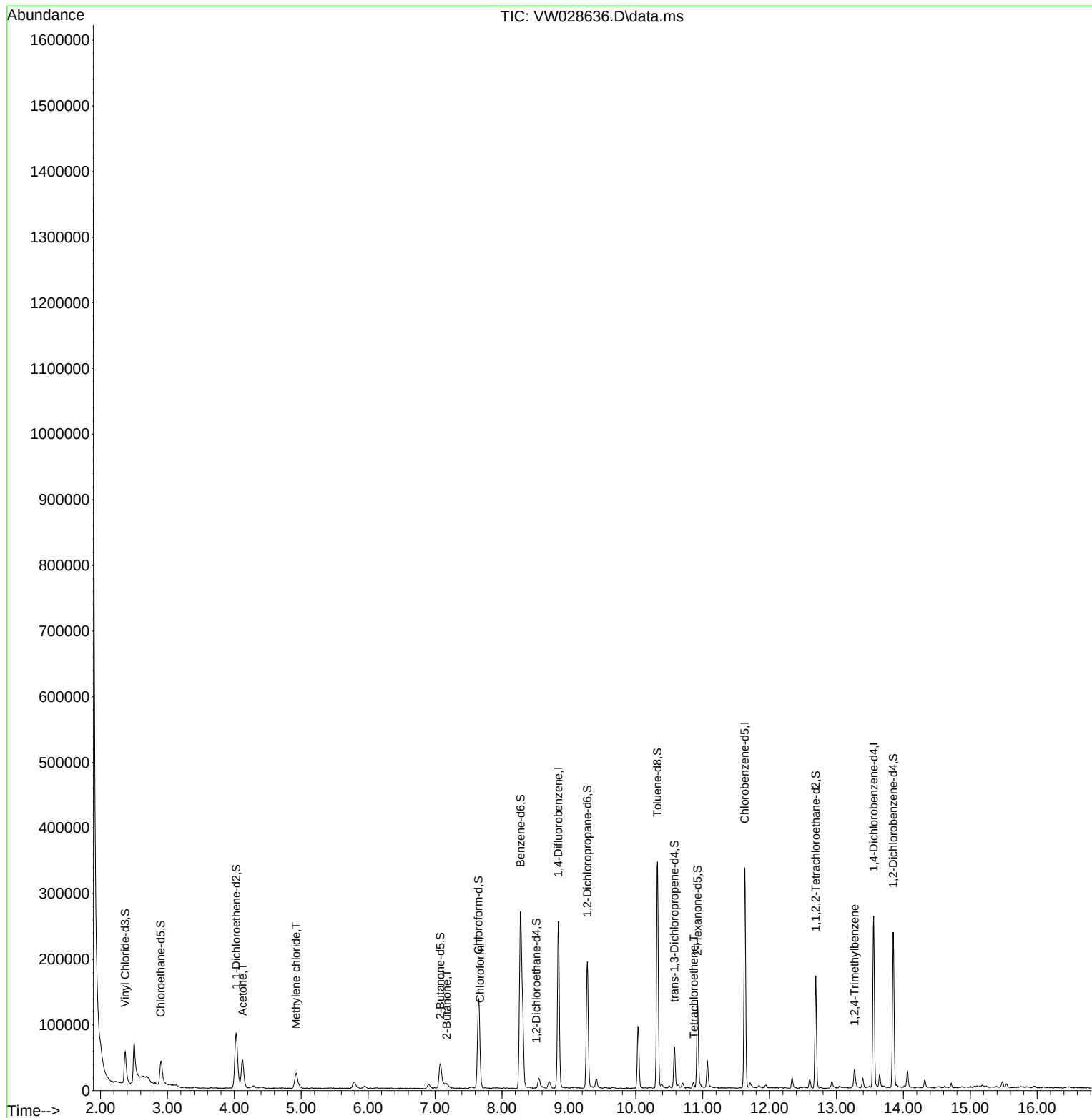
Internal Standards						
1) 1,4-Difluorobenzene	8.843	114	197979	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.629	117	171102	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.556	152	63806	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.369	65	67798	18.034	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.120%
7) Chloroethane-d5	2.899	69	57902	20.114	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	80.440%
11) 1,1-Dichloroethene-d2	4.027	65	31229	19.882	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	79.520%
21) 2-Butanone-d5	7.075	46	65728	67.013	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.020%
24) Chloroform-d	7.648	84	138982	22.466	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.880%
26) 1,2-Dichloroethane-d4	8.514	65	120	0.034	ug/L	0.21
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.120%#
32) Benzene-d6	8.276	84	262214	22.970	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.880%
36) 1,2-Dichloropropane-d6	9.276	67	84730	24.666	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.680%
41) Toluene-d8	10.325	98	220578	21.819	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	87.280%
43) trans-1,3-Dichloroprop...	10.575	79	32956	23.848	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.400%
47) 2-Hexanone-d5	10.922	63	42060	70.991	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	141.980%#
56) 1,1,2,2-Tetrachloroeth...	12.690	84	81368	28.248	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.000%
66) 1,2-Dichlorobenzene-d4	13.849	152	55417	22.787	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.160%
Target Compounds						
					Qvalue	
13) Acetone	4.125	43	75303	84.394	ug/L	100
16) Methylene chloride	4.923	84	16876	5.512	ug/L	98
22) 2-Butanone	7.173	43	10999	9.604	ug/L	89
25) Chloroform	7.673	83	1795	0.330	ug/L #	19
46) Tetrachloroethene	10.867	164	1799	0.839	ug/L	97
63) 1,2,4-Trimethylbenzene	13.269	105	9456	1.281	ug/L #	39

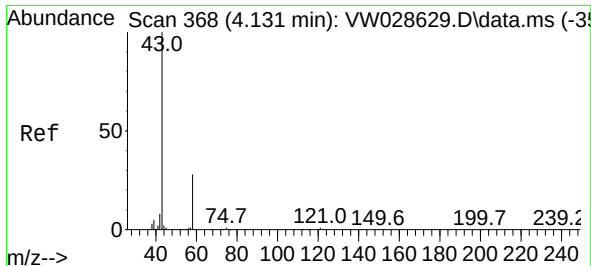
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 1 Sample Multiplier: 1

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Quant Time: May 17 23:06:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM050224SMA.M
Quant Title : SFAM01.0
QLast Update : Fri May 17 23:04:23 2024
Response via : Initial Calibration

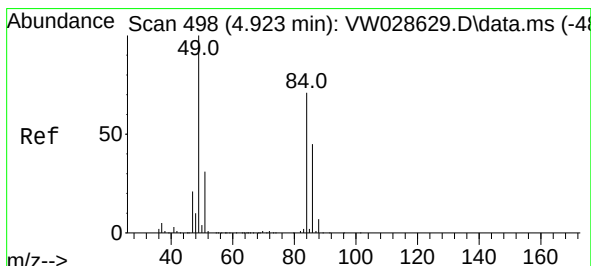
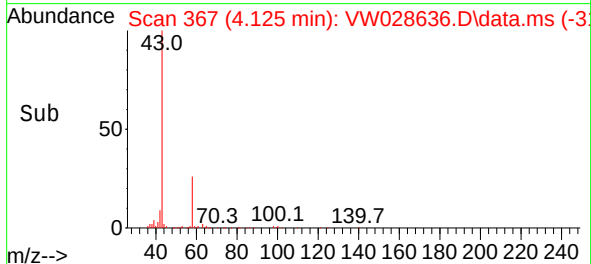
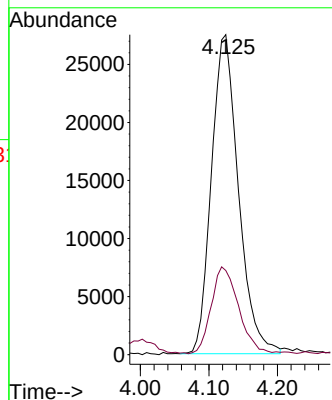
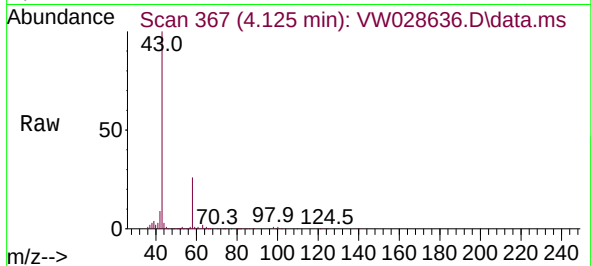




#13
Acetone
Concen: 84.394 ug/L
RT: 4.125 min Scan# 367
Delta R.T. -0.006 min
Lab File: VW028636.D
Acq: 17 May 2024 13:58

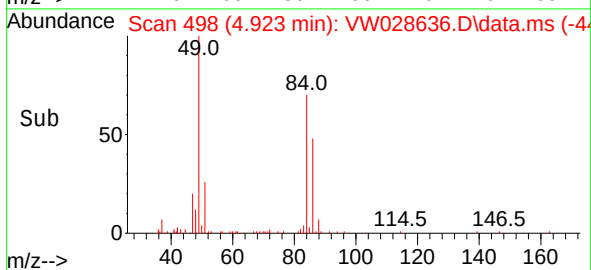
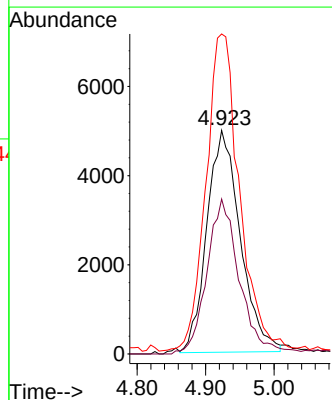
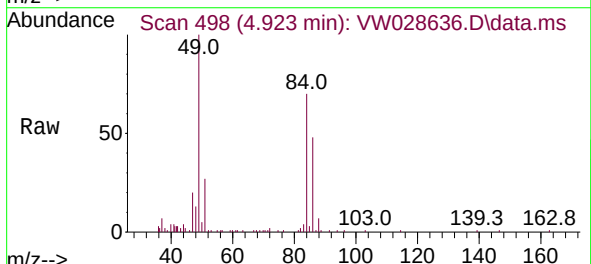
Instrument :
MSVOA_W
ClientSampleId :

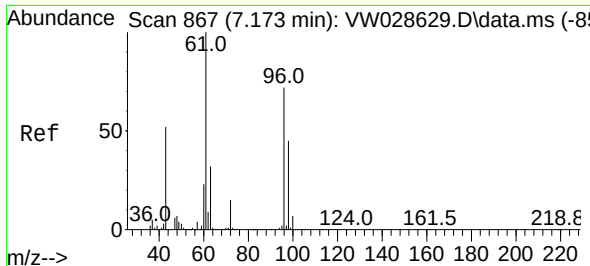
Tgt Ion: 43 Resp: 75303
Ion Ratio Lower Upper
43 100
58 27.4 0.0 54.4



#16
Methylene chloride
Concen: 5.512 ug/L
RT: 4.923 min Scan# 498
Delta R.T. 0.000 min
Lab File: VW028636.D
Acq: 17 May 2024 13:58

Tgt Ion: 84 Resp: 16876
Ion Ratio Lower Upper
84 100
86 69.3 44.4 82.4
49 143.2 100.2 186.2

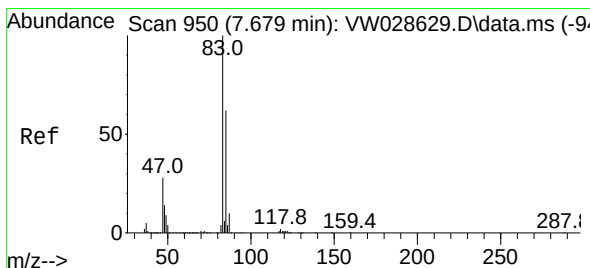
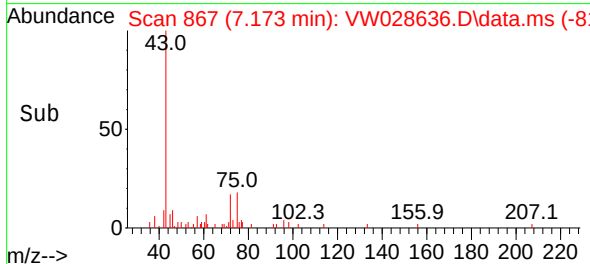
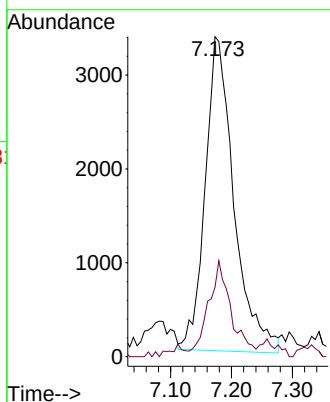
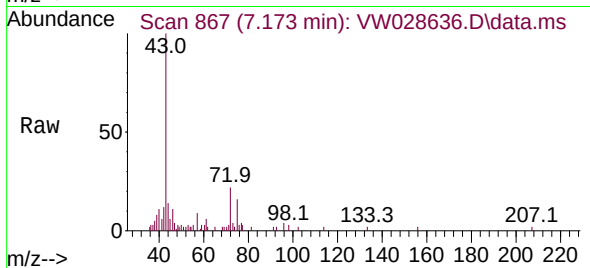




#22
2-Butanone
Concen: 9.604 ug/L
RT: 7.173 min Scan# 80
Delta R.T. 0.000 min
Lab File: VW028636.D
Acq: 17 May 2024 13:58

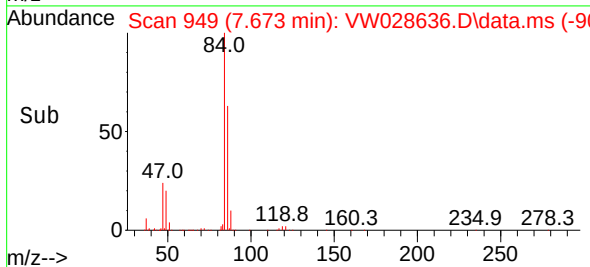
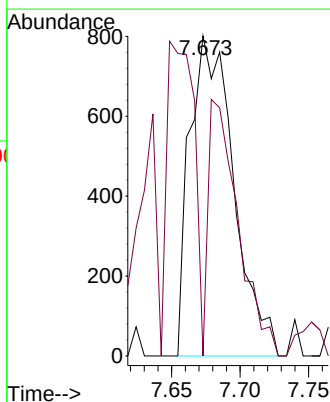
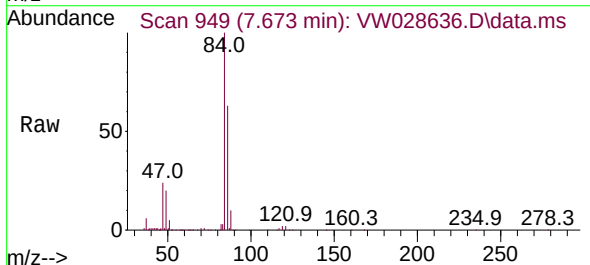
Instrument :
MSVOA_W
ClientSampleId :

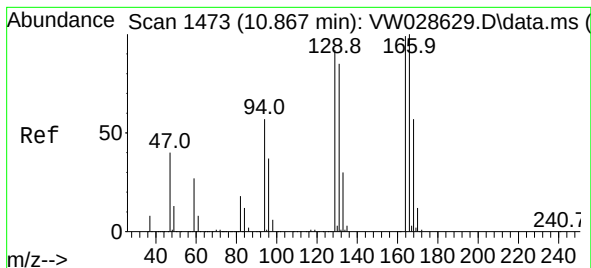
Tgt Ion: 43 Resp: 10999
Ion Ratio Lower Upper
43 100
72 18.9 12.2 36.6



#25
Chloroform
Concen: 0.330 ug/L
RT: 7.673 min Scan# 949
Delta R.T. -0.006 min
Lab File: VW028636.D
Acq: 17 May 2024 13:58

Tgt Ion: 83 Resp: 1795
Ion Ratio Lower Upper
83 100
85 0.0 43.4 80.6#





#46

Tetrachloroethene

Concen: 0.839 ug/L

RT: 10.867 min Scan# 1473

Delta R.T. 0.000 min

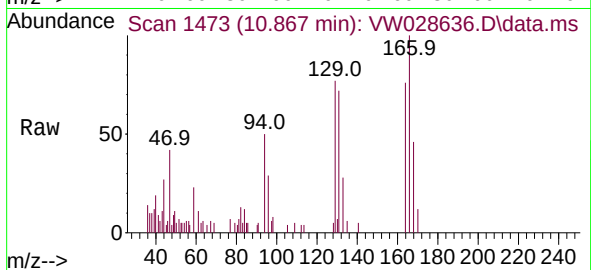
Lab File: VW028636.D

Acq: 17 May 2024 13:58

Instrument :

MSVOA_W

ClientSampleId :



Tgt Ion:164 Resp: 1799

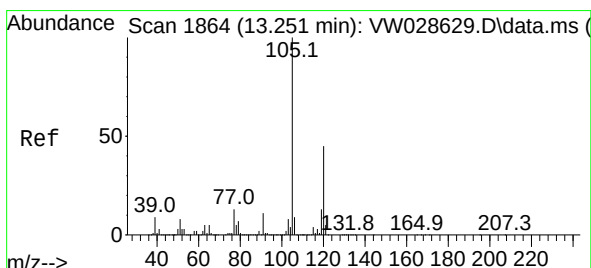
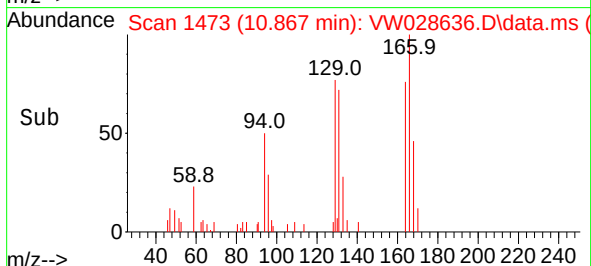
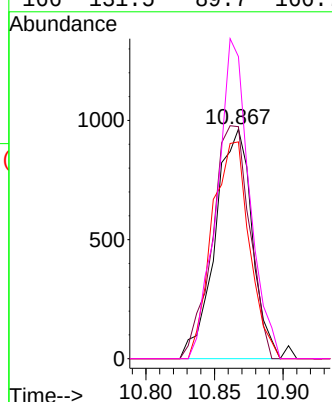
Ion Ratio Lower Upper

164 100

129 101.0 69.2 128.6

131 94.4 67.7 125.7

166 131.5 89.7 166.7



#63

1,2,4-Trimethylbenzene

Concen: 1.281 ug/L

RT: 13.269 min Scan# 1867

Delta R.T. 0.018 min

Lab File: VW028636.D

Acq: 17 May 2024 13:58

Tgt Ion:105 Resp: 9456

Ion Ratio Lower Upper

105 100

120 3.5 34.1 51.1#

