

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW050321\
 Data File : VW018900.D
 Acq On : 03 May 2021 15:45
 Operator : SY/VA
 Sample : M2209-13
 Misc : 6.23G/10ML/MSVOA_W/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BG7E8

Quant Time: May 04 01:17:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 04 01:15:32 2021
 Response via : Initial Calibration

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

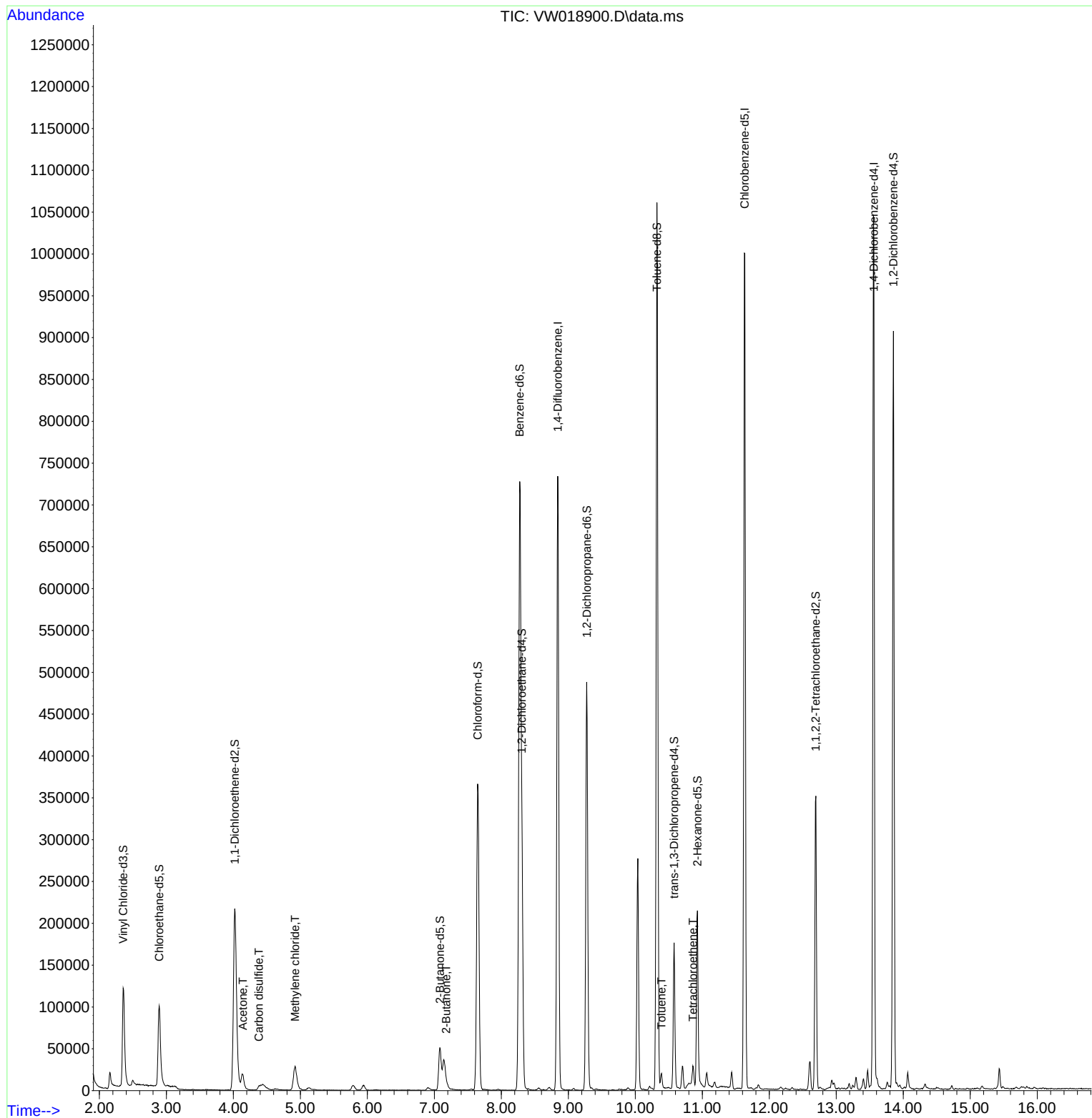
Internal Standards						
1) 1,4-Difluorobenzene	8.842	114	602571	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.634	117	559917	25.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.560	152	262401	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.355	65	164575	21.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	85.16%		
7) Chloroethane-d5	2.892	69	135355	22.60	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	90.40%		
11) 1,1-Dichloroethene-d2	4.019	63	255999	16.68	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	66.72%		
21) 2-Butanone-d5	7.086	46	85226	42.33	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	84.66%		
24) Chloroform-d	7.647	84	373146	23.59	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	94.36%		
26) 1,2-Dichloroethane-d4	8.305	65	210839	23.87	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	95.48%		
32) Benzene-d6	8.275	84	746521	23.60	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	94.40%		
36) 1,2-Dichloropropane-d6	9.275	67	223107	23.77	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	95.08%		
41) Toluene-d8	10.323	98	695934	23.59	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	94.36%		
43) trans-1,3-Dichloroprop...	10.579	79	93262	21.87	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.48%		
47) 2-Hexanone-d5	10.927	63	73523	43.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	87.50%		
56) 1,1,2,2-Tetrachloroeth...	12.695	84	176088	22.14	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	88.56%		
66) 1,2-Dichlorobenzene-d4	13.853	152	217631	24.20	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.80%		
Target Compounds					Qvalue	
13) Acetone	4.141	43	33717	21.86	ug/L	88
14) Carbon disulfide	4.379	76	11866	0.51	ug/L	99
16) Methylene chloride	4.922	84	26044	2.61	ug/L	89
22) 2-Butanone	7.177	43	11791	5.51	ug/L	100
42) Toluene	10.390	91	12580	0.34	ug/L	92
46) Tetrachloroethene	10.860	164	5058	0.75	ug/L	81

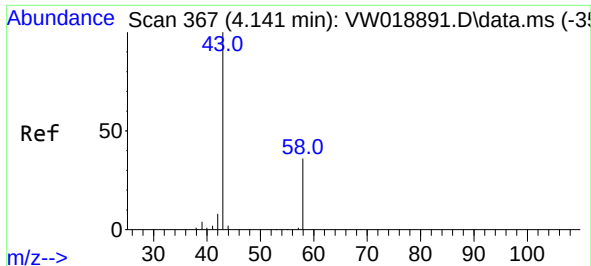
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
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Quant Time: May 04 01:17:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\SFAMWLM042921SMA.M
Quant Title : SFAM01.0
QLast Update : Tue May 04 01:15:32 2021
Response via : Initial Calibration

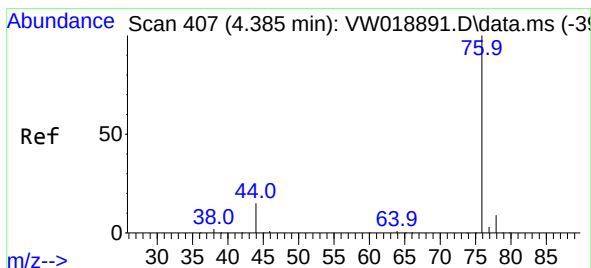
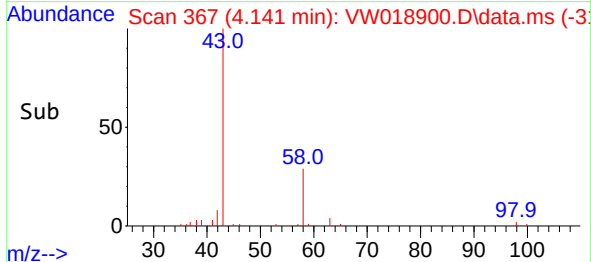
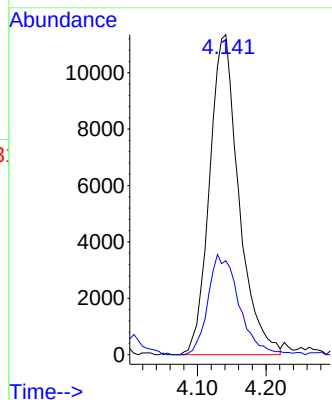
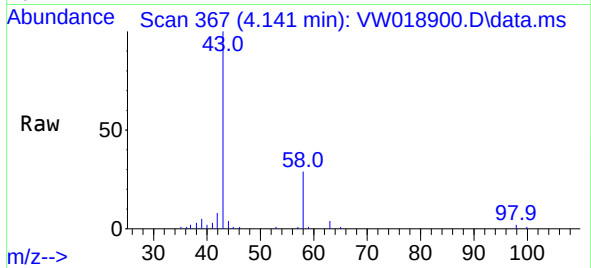




#13
Acetone
Concen: 21.86 ug/L
RT: 4.141 min Scan# 367
Delta R.T. 0.000 min
Lab File: VW018900.D
Acq: 03 May 2021 15:45

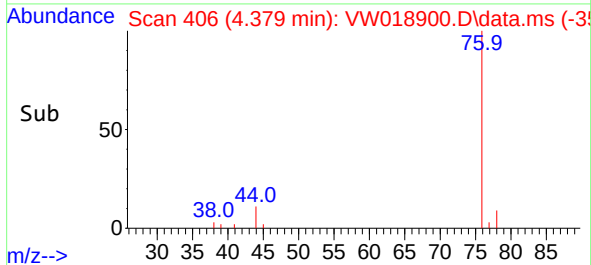
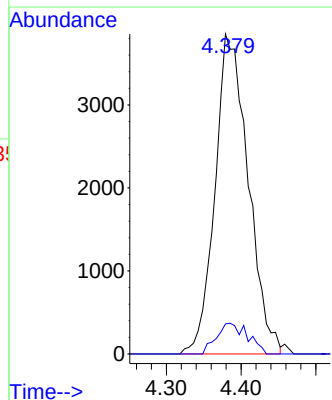
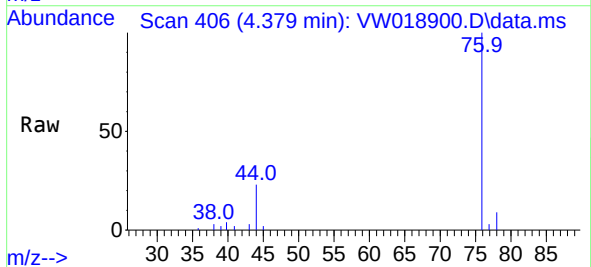
Instrument :
MSVOA_W
ClientSampled :
BG7E8

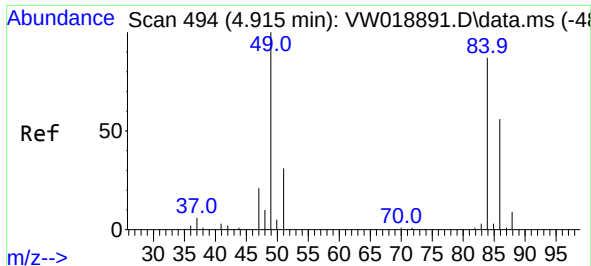
Tgt Ion: 43 Resp: 33717
Ion Ratio Lower Upper
43 100
58 33.1 0.0 53.8



#14
Carbon disulfide
Concen: 0.51 ug/L
RT: 4.379 min Scan# 406
Delta R.T. -0.006 min
Lab File: VW018900.D
Acq: 03 May 2021 15:45

Tgt Ion: 76 Resp: 11866
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0

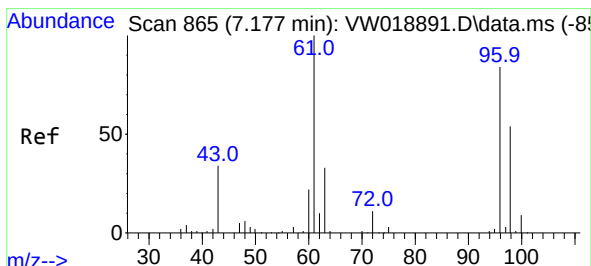
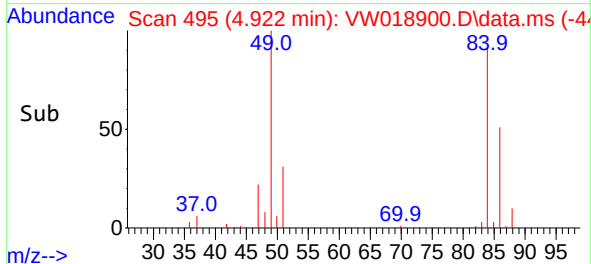
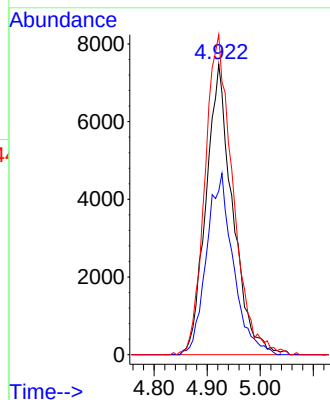
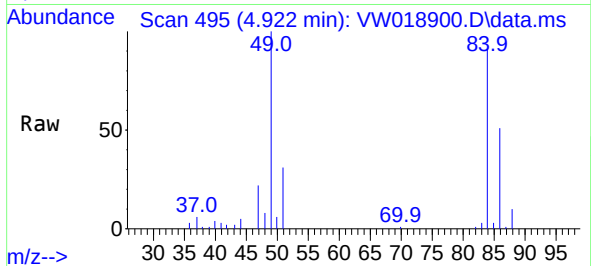




#16
Methylene chloride
Concen: 2.61 ug/L
RT: 4.922 min Scan# 495
Delta R.T. 0.006 min
Lab File: VW018900.D
Acq: 03 May 2021 15:45

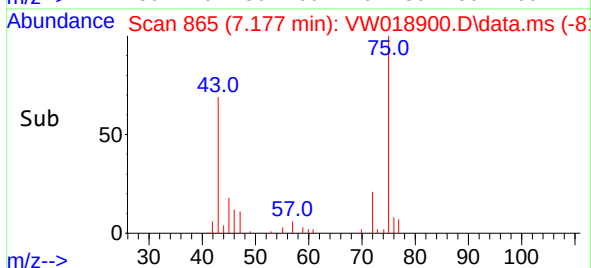
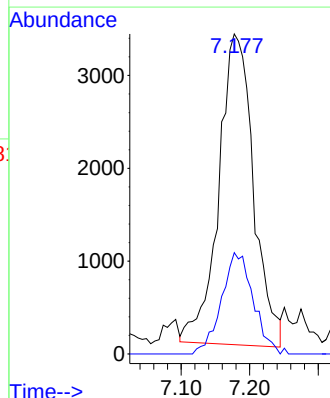
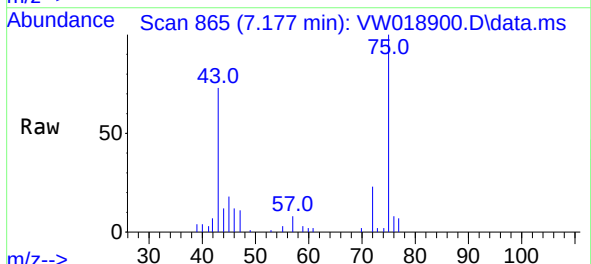
Instrument :
MSVOA_W
ClientSampled :
BG7E8

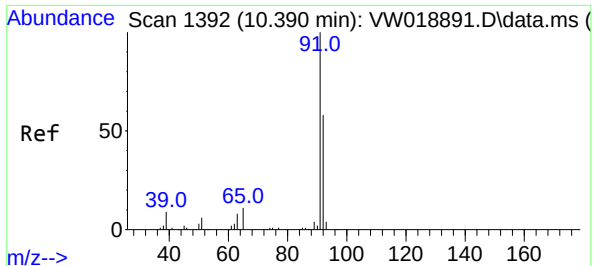
Tgt Ion: 84 Resp: 26044
Ion Ratio Lower Upper
84 100
86 56.4 45.3 84.1
49 110.2 86.6 160.8



#22
2-Butanone
Concen: 5.51 ug/L
RT: 7.177 min Scan# 865
Delta R.T. 0.000 min
Lab File: VW018900.D
Acq: 03 May 2021 15:45

Tgt Ion: 43 Resp: 11791
Ion Ratio Lower Upper
43 100
72 29.7 14.9 44.7

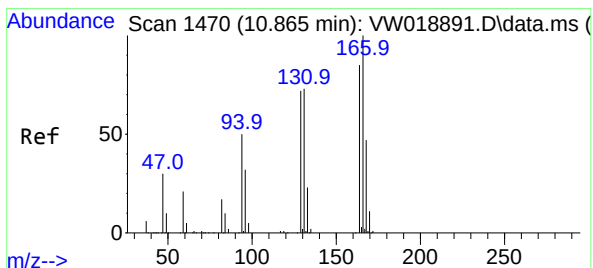
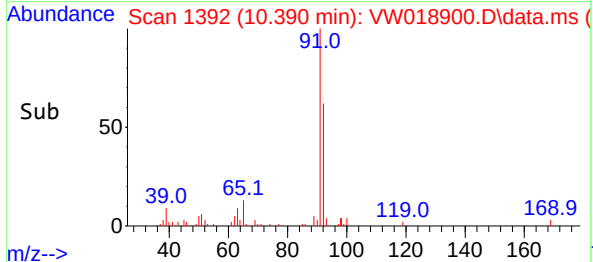
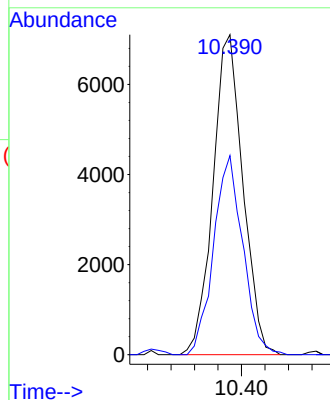
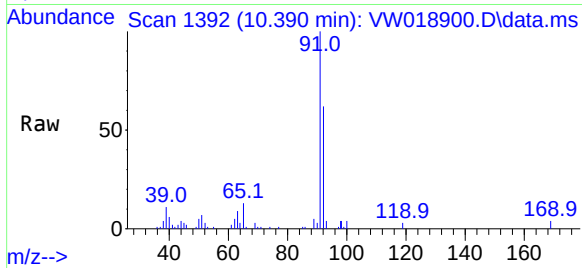




#42
Toluene
Concen: 0.34 ug/L
RT: 10.390 min Scan# 1392
Delta R.T. 0.000 min
Lab File: VW018900.D
Acq: 03 May 2021 15:45

Instrument :
MSVOA_W
ClientSampled :
BG7E8

Tgt Ion: 91 Resp: 12580
Ion Ratio Lower Upper
91 100
92 62.2 39.5 73.3



#46
Tetrachloroethene
Concen: 0.75 ug/L
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW018900.D
Acq: 03 May 2021 15:45

Tgt Ion:164 Resp: 5058
Ion Ratio Lower Upper
164 100
129 78.0 66.7 123.9
131 80.8 61.1 113.5
166 92.2 87.0 161.6

