

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042023\
 Data File : VX035219.D
 Acq On : 20 Apr 2023 16:35
 Operator : JC/MD
 Sample : 02378-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COMK3

Quant Time: Apr 20 23:31:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML041823WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 20 23:27:37 2023
 Response via : Initial Calibration

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

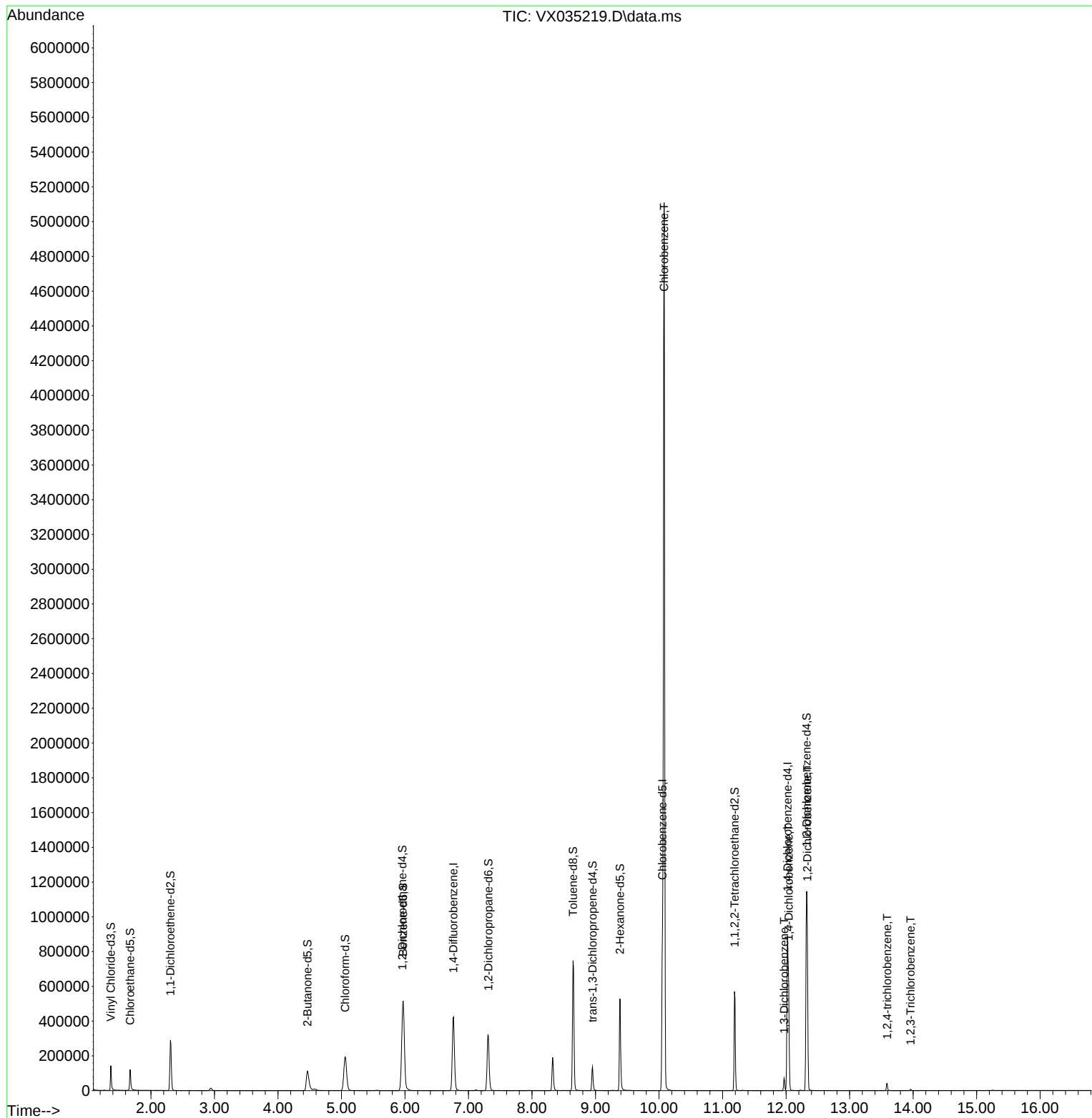
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	441357	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.055	117	383634	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	185731	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	97820	34.373	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.740%
7) Chloroethane-d5	1.673	69	85281	41.471	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	82.940%
11) 1,1-Dichloroethene-d2	2.307	65	52570	38.606	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.220%
21) 2-Butanone-d5	4.465	46	212317	111.953	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	111.950%
24) Chloroform-d	5.056	84	253556	47.311	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.620%
26) 1,2-Dichloroethane-d4	5.958	65	173508	50.415	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.820%
32) Benzene-d6	5.971	84	515556	46.782	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.560%
36) 1,2-Dichloropropane-d6	7.312	67	169942	50.483	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	100.960%
41) Toluene-d8	8.647	98	451284	44.807	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.620%
43) trans-1,3-Dichloroprop...	8.952	79	63349	43.061	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.120%
47) 2-Hexanone-d5	9.385	63	152879	113.091	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	113.090%
56) 1,1,2,2-Tetrachloroeth...	11.189	84	223148	54.127	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	108.260%
66) 1,2-Dichlorobenzene-d4	12.323	152	179932	49.992	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	99.980%
Target Compounds						Qvalue
51) Chlorobenzene	10.080	112	2164917	272.621	ug/L	98
64) 1,3-Dichlorobenzene	11.969	146	23454	4.072	ug/L	98
65) 1,4-Dichlorobenzene	12.043	146	184685	31.335	ug/L	98
67) 1,2-Dichlorobenzene	12.335	146	256949	43.996	ug/L	98
70) 1,2,4-trichlorobenzene	13.591	180	10906	3.271	ug/L	98
72) 1,2,3-Trichlorobenzene	13.963	180	2048	0.622	ug/L	93

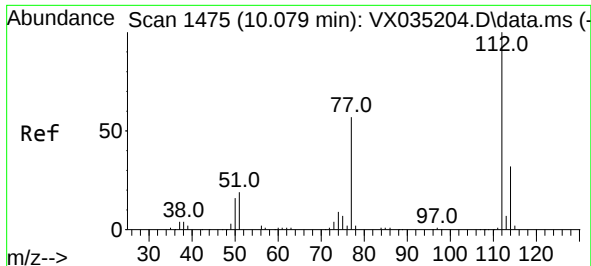
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Apr 20 23:27:37 2023
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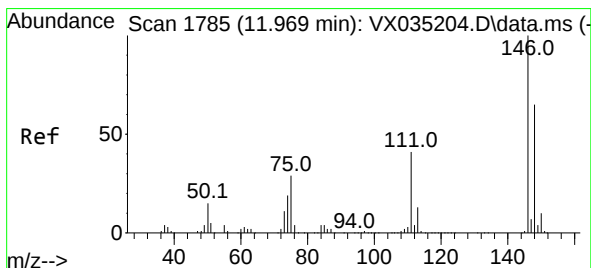
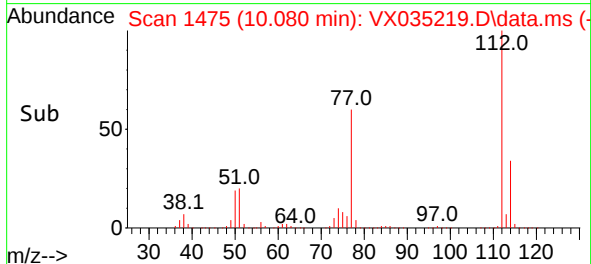
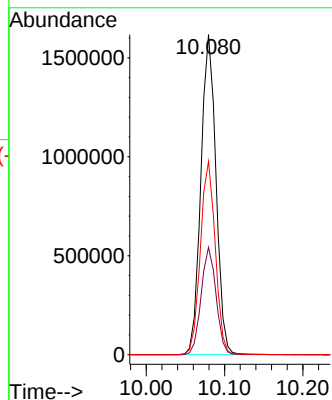
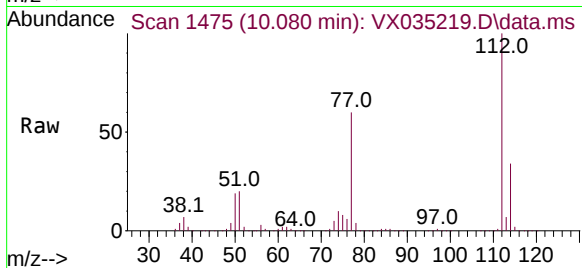




#51
Chlorobenzene
Concen: 272.621 ug/L
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

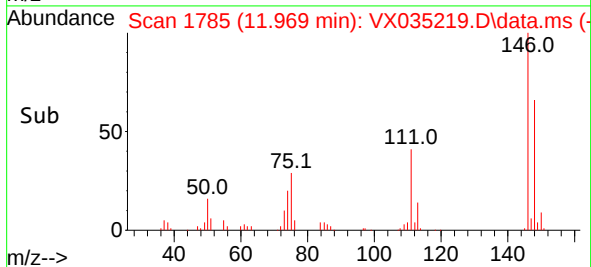
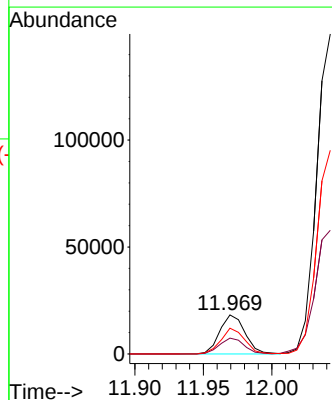
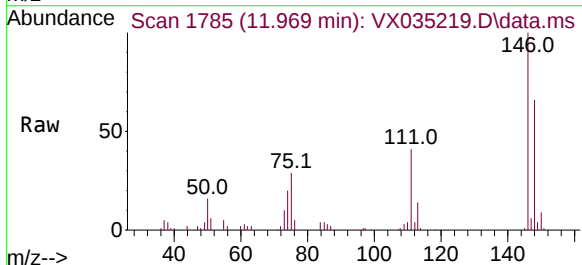
Instrument :
MSVOA_X
ClientSampleId :
COMK3

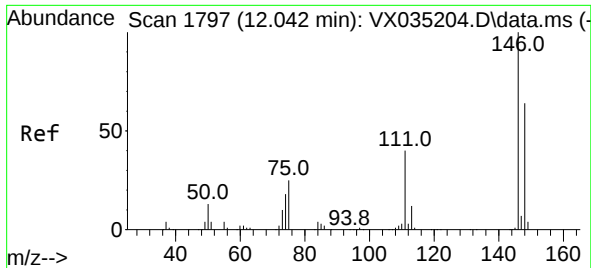
Tgt Ion:112 Resp: 2164917
Ion Ratio Lower Upper
112 100
114 33.6 22.4 41.6
77 60.4 47.0 70.6



#64
1,3-Dichlorobenzene
Concen: 4.072 ug/L
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion:146 Resp: 23454
Ion Ratio Lower Upper
146 100
111 40.8 28.9 53.7
148 66.1 44.3 82.3

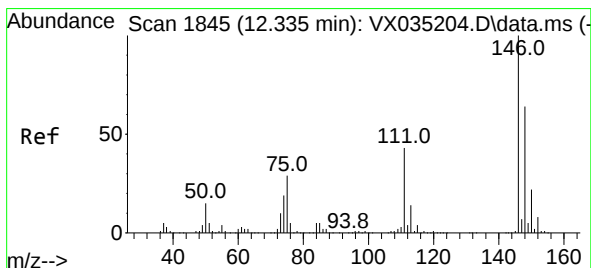
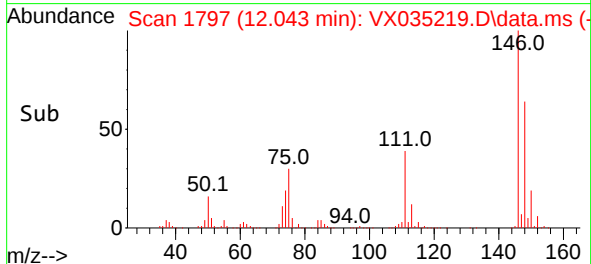
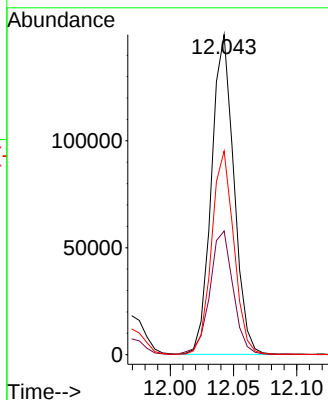
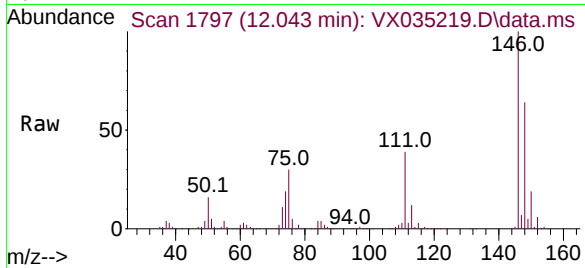




#65
1,4-Dichlorobenzene
Concen: 31.335 ug/L
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

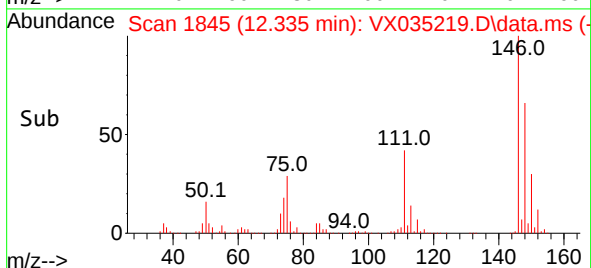
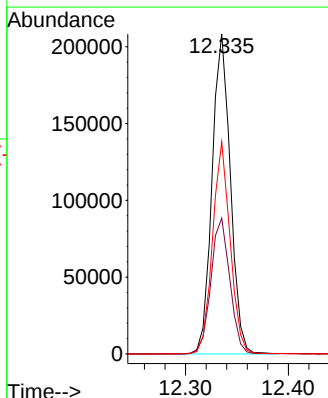
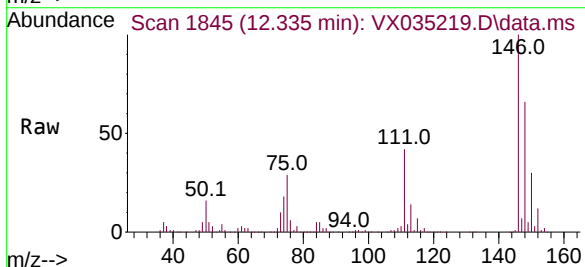
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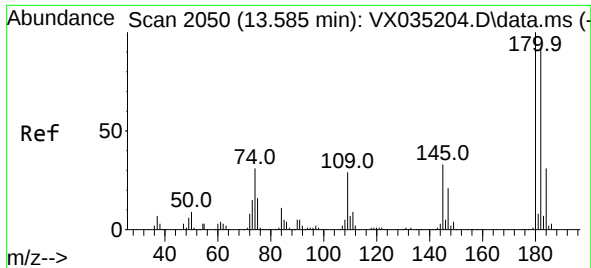
Tgt Ion:146 Resp: 184685
Ion Ratio Lower Upper
146 100
111 38.7 27.9 51.7
148 63.6 45.9 85.3



#67
1,2-Dichlorobenzene
Concen: 43.996 ug/L
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion:146 Resp: 256949
Ion Ratio Lower Upper
146 100
111 42.4 34.7 52.1
148 66.3 52.1 78.1

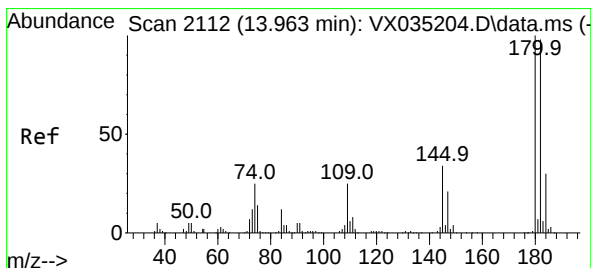
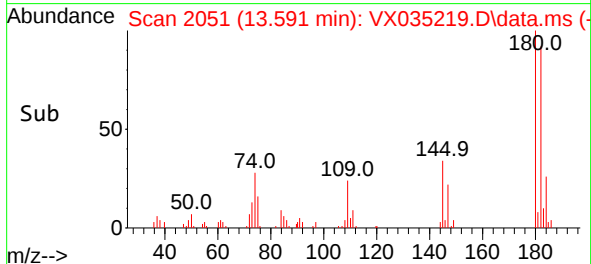
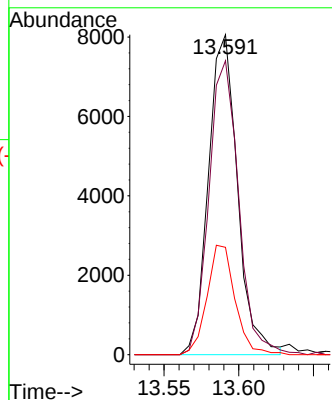
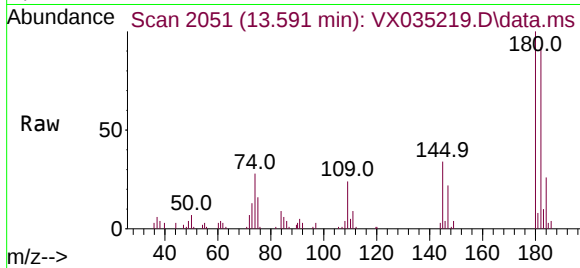




#70
1,2,4-trichlorobenzene
Concen: 3.271 ug/L
RT: 13.591 min Scan# 2051
Delta R.T. 0.006 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Instrument :
MSVOA_X
ClientSampleId :
COMK3

Tgt Ion:180 Resp: 10906
Ion Ratio Lower Upper
180 100
182 93.7 76.6 114.8
145 33.0 26.2 39.4



#72
1,2,3-Trichlorobenzene
Concen: 0.622 ug/L
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX035219.D
Acq: 20 Apr 2023 16:35

Tgt Ion:180 Resp: 2048
Ion Ratio Lower Upper
180 100
182 101.3 75.0 112.6
145 36.2 27.1 40.7

