

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020124\
 Data File : VD078309.D
 Acq On : 01 Feb 2024 17:09
 Operator : RP/MD
 Sample : P1329-08
 Misc : 4.99G/10ml/MSVOA_D/SOIL/VIAL A
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 02 00:40:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Feb 02 00:36:57 2024
 Response via : Initial Calibration

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

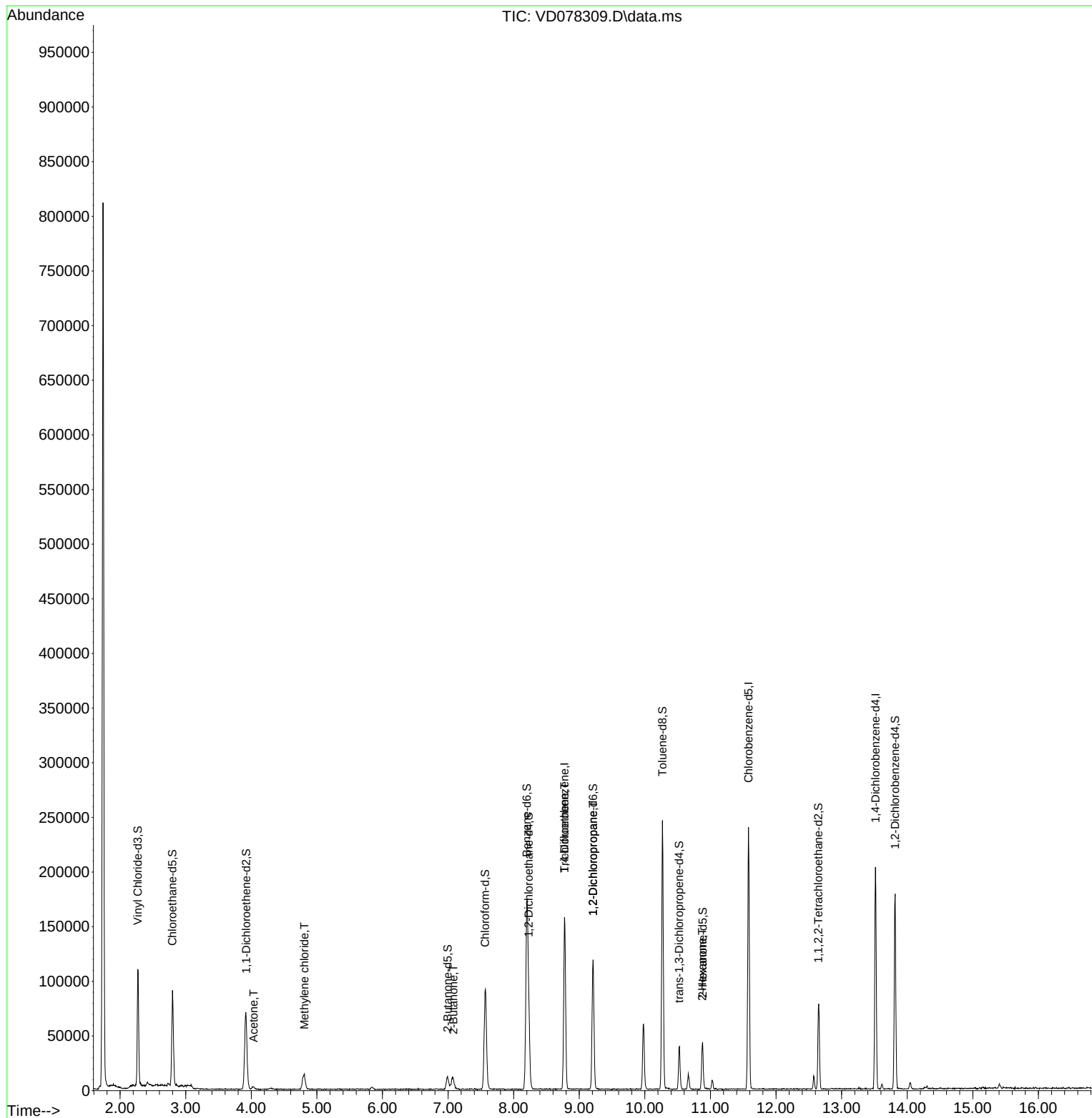
Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	138025	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	134156	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	50961	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	99520	25.414	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.640%
7) Chloroethane-d5	2.799	69	81583	24.784	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.120%
11) 1,1-Dichloroethene-d2	3.922	65	19865	23.494	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	93.960%
21) 2-Butanone-d5	6.993	46	18983	32.924	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.840%
24) Chloroform-d	7.563	84	92997	23.631	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.520%
26) 1,2-Dichloroethane-d4	8.228	65	45921	21.623	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.480%
32) Benzene-d6	8.199	84	188456	24.024	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.080%
36) 1,2-Dichloropropane-d6	9.210	67	58457	24.206	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.840%
41) Toluene-d8	10.269	98	161829	22.968	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	91.880%
43) trans-1,3-Dichloroprop...	10.522	79	23301	21.609	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.440%
47) 2-Hexanone-d5	10.881	63	14921	30.453	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.900%
56) 1,1,2,2-Tetrachloroeth...	12.645	84	41387	18.443	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	73.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	45233	24.793	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.160%
Target Compounds					Qvalue	
13) Acetone	4.034	43	1970	2.602	ug/L	67
16) Methylene chloride	4.810	84	6808	2.515	ug/L	83
22) 2-Butanone	7.081	43	699	0.763	ug/L	81
34) Trichloroethene	8.775	95	3913	1.714	ug/L #	3
37) 1,2-Dichloropropane	9.210	63	6266	2.630	ug/L #	87
48) 2-Hexanone	10.875	43	1584	1.313	ug/L #	66

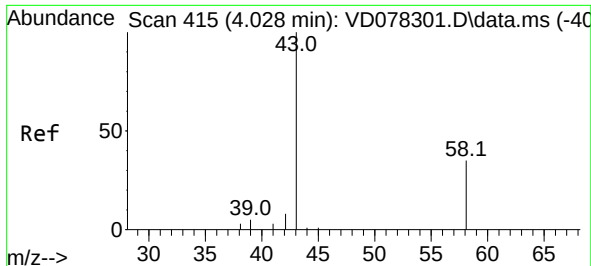
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM020124SMA.M
Quant Title : SFAM01.0
QLast Update : Fri Feb 02 00:36:57 2024
Response via : Initial Calibration





#13

Acetone

Concen: 2.602 ug/L

RT: 4.034 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD078309.D

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Instrument :

MSVOA_D

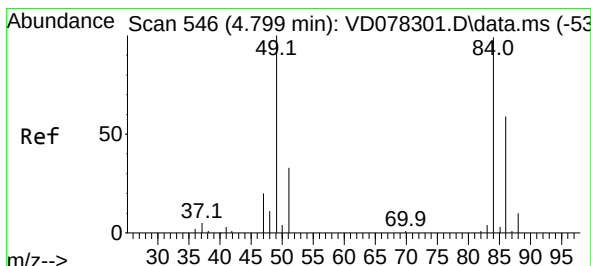
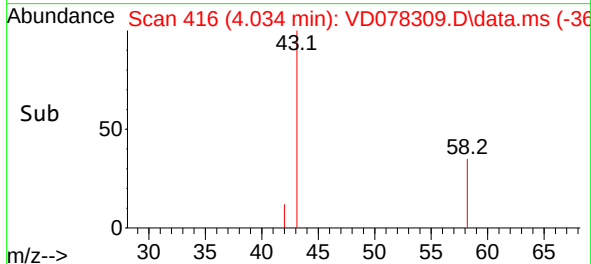
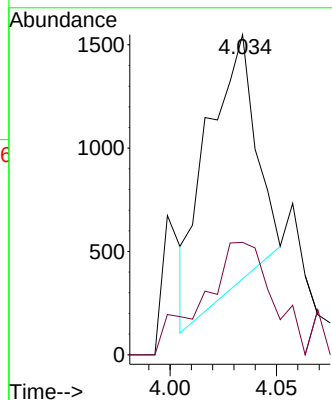
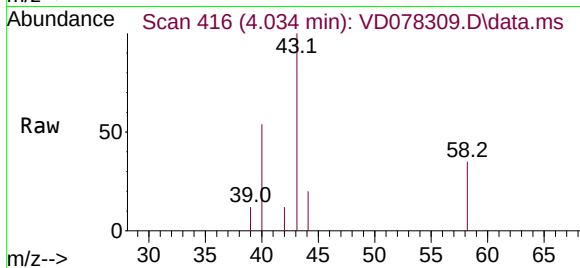
ClientSampleId :

Tgt Ion: 43 Resp: 1970

Ion Ratio Lower Upper

43 100

58 52.5 0.0 67.2



#16

Methylene chloride

Concen: 2.515 ug/L

RT: 4.810 min Scan# 548

Delta R.T. 0.012 min

Lab File: VD078309.D

Acq: 01 Feb 2024 17:09

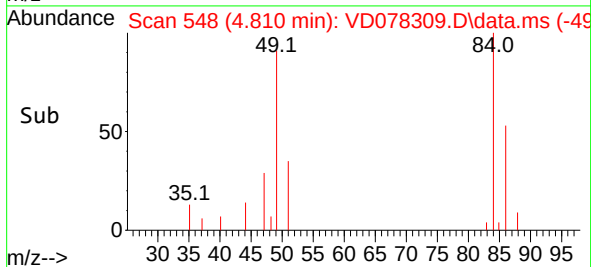
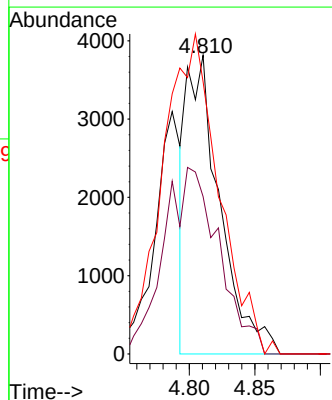
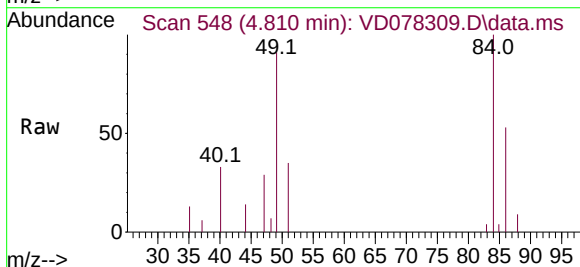
Tgt Ion: 84 Resp: 6808

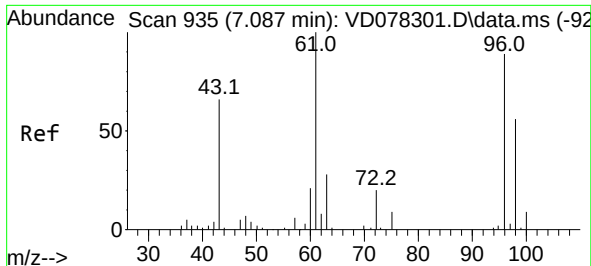
Ion Ratio Lower Upper

84 100

86 52.7 45.4 84.2

49 91.1 77.3 143.7

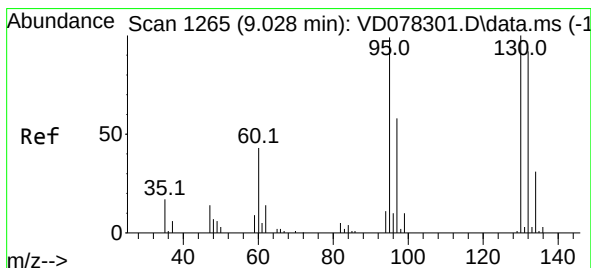
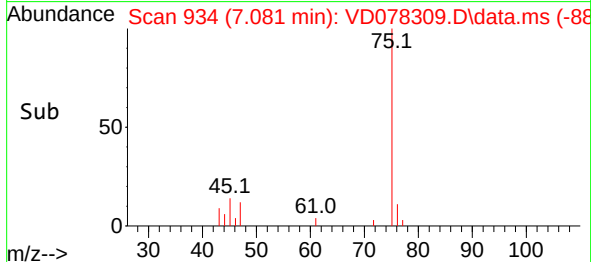
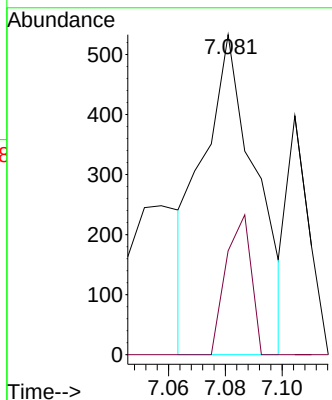
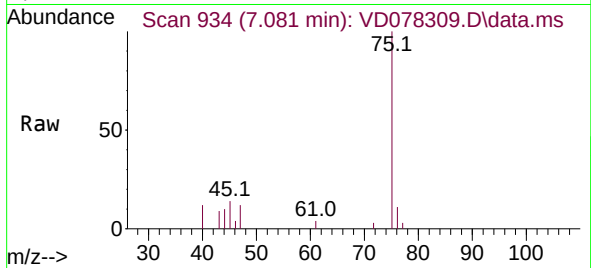




#22
2-Butanone
Concen: 0.763 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD078309.D
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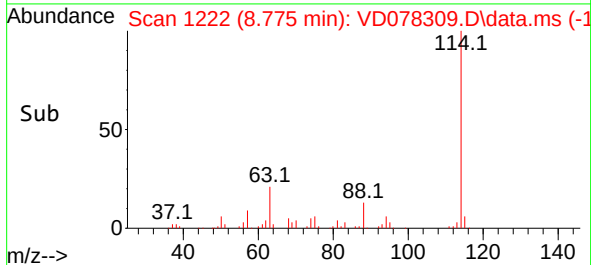
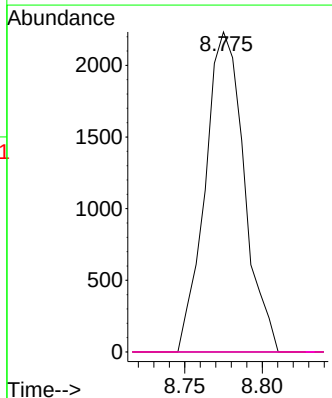
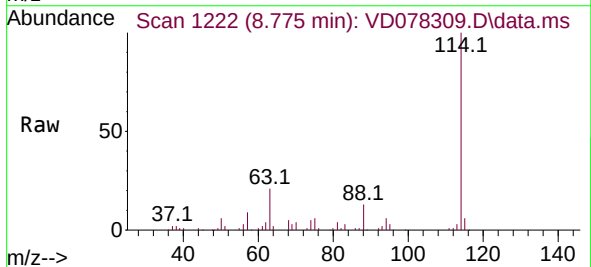
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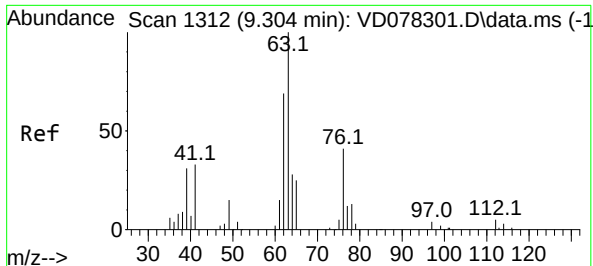
Tgt Ion: 43 Resp: 699
Ion Ratio Lower Upper
43 100
72 20.5 15.4 46.2



#34
Trichloroethene
Concen: 1.714 ug/L
RT: 8.775 min Scan# 1222
Delta R.T. -0.253 min
Lab File: VD078309.D
Acq: 01 Feb 2024 17:09

Tgt Ion: 95 Resp: 3913
Ion Ratio Lower Upper
95 100
97 0.0 46.9 87.1#
132 0.0 73.7 136.9#
130 0.0 72.1 133.9#

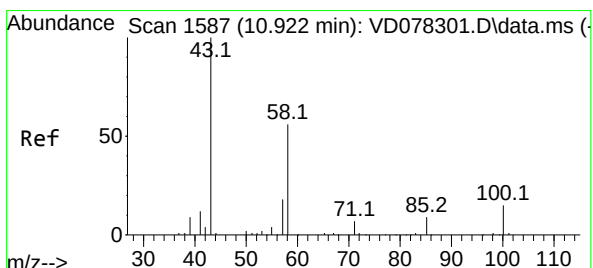
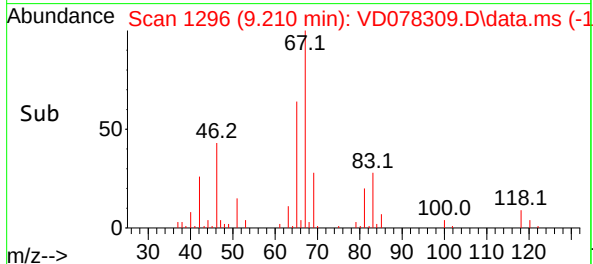
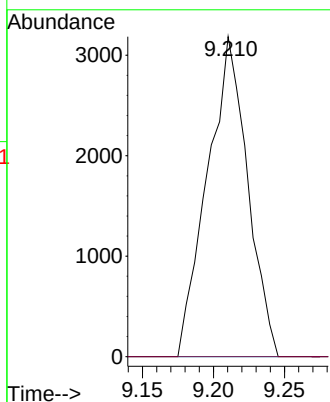
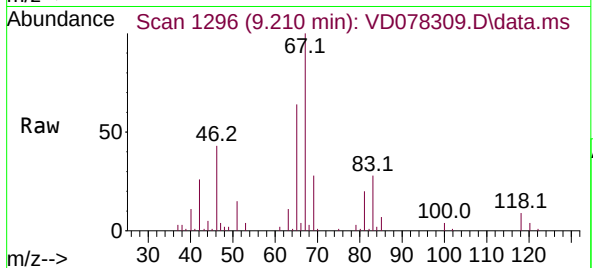




#37
1,2-Dichloropropane
Concen: 2.630 ug/L
RT: 9.210 min Scan# 11
Delta R.T. -0.094 min
Lab File: VD078309.D
Acq: 01 Feb 2024 17:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 63 Resp: 6266
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.2#



#48
2-Hexanone
Concen: 1.313 ug/L
RT: 10.875 min Scan# 1579
Delta R.T. -0.047 min
Lab File: VD078309.D
Acq: 01 Feb 2024 17:09

Tgt Ion: 43 Resp: 1584
Ion Ratio Lower Upper
43 100
58 31.9 48.5 72.7#
57 29.4 15.6 23.4#
100 0.0 10.5 15.7#

