

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU012925\
 Data File : VU063089.D
 Acq On : 29 Jan 2025 13:14
 Operator : MD/SY
 Sample : Q1195-17
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jan 30 07:35:24 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR012725WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 30 07:33:13 2025
 Response via : Initial Calibration

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

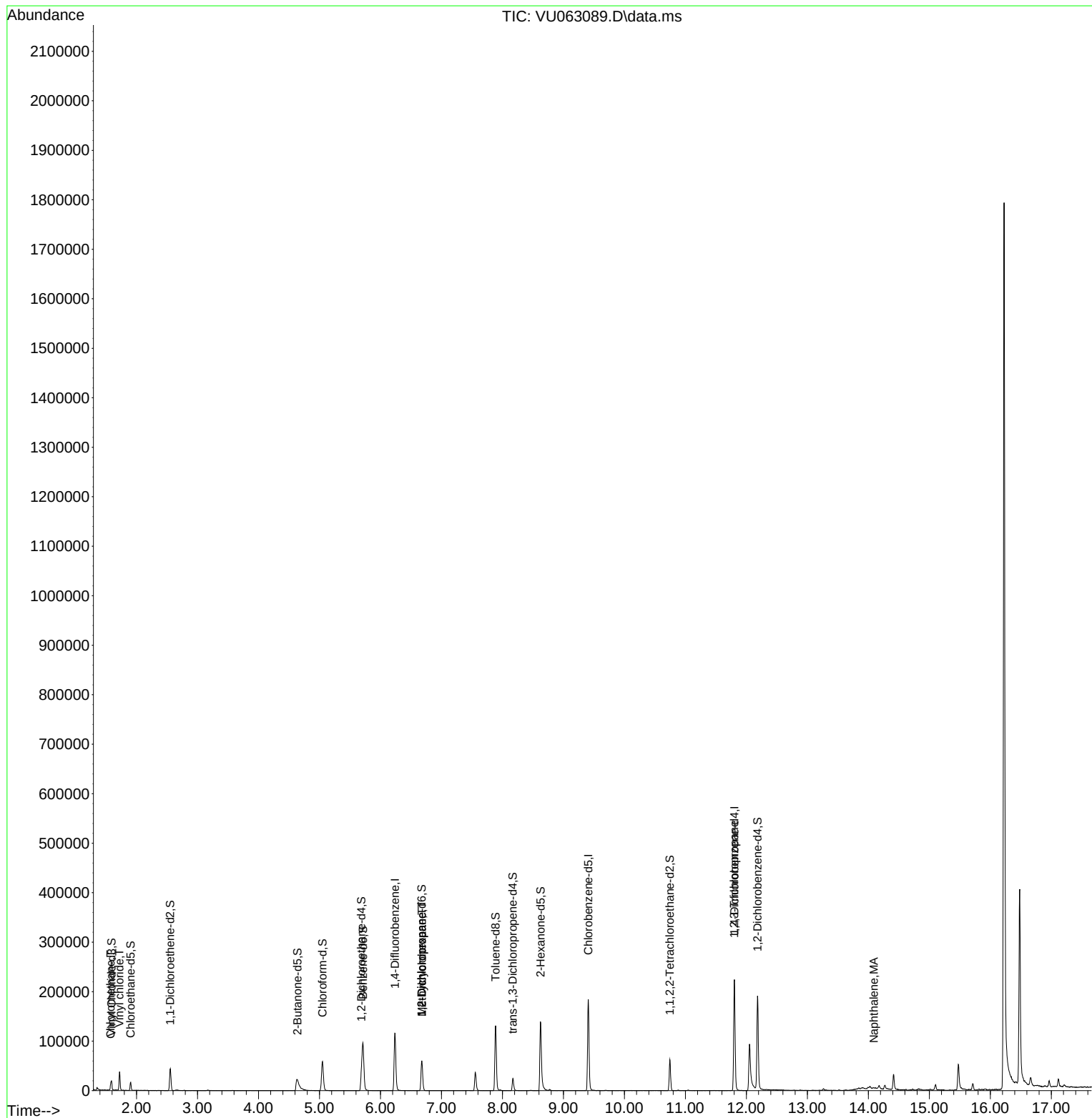
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	102382	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	104929	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	62299	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	10660	2.896	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	58.000%
7) Chloroethane-d5	1.904	69	10583	3.787	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	75.800%
11) 1,1-Dichloroethene-d2	2.550	65	8302	3.772	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.400%
20) 2-Butanone-d5	4.637	46	40093	37.534	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	75.060%
24) Chloroform-d	5.049	84	56986	3.898	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	78.000%
26) 1,2-Dichloroethane-d4	5.689	65	34538	4.138	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.714	84	88229	3.680	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	73.600%
36) 1,2-Dichloropropane-d6	6.676	67	23984	3.928	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.600%
41) Toluene-d8	7.888	98	92602	3.906	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.200%
43) trans-1,3-Dichloroprop...	8.171	79	15402	4.075	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.400%
46) 2-Hexanone-d5	8.624	63	49857	52.867	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.740%
56) 1,1,2,2-Tetrachloroeth...	10.746	84	26552	4.580	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.600%
66) 1,2-Dichlorobenzene-d4	12.183	152	51397	4.609	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.576	50	783	0.178	ug/L	84
5) Vinyl chloride	1.721	62	1178	0.239	ug/L #	82
35) Methylcyclohexane	6.679	83	7579	0.696	ug/L #	20
37) 1,2-Dichloropropane	6.679	63	3643	0.637	ug/L #	85
61) 1,2,3-Trichloropropane	11.801	75	6173	1.231	ug/L #	55
71) Naphthalene	14.090	128	3153	0.196	ug/L #	94

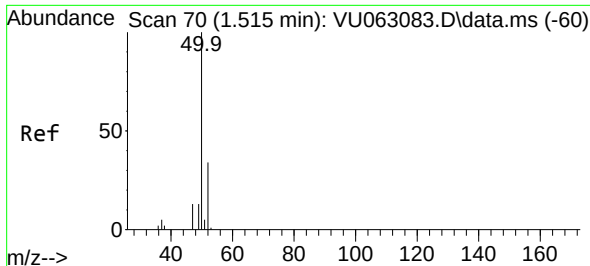
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jan 30 07:35:24 2025
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Quant Title : TRACE VOA SFAM1.0
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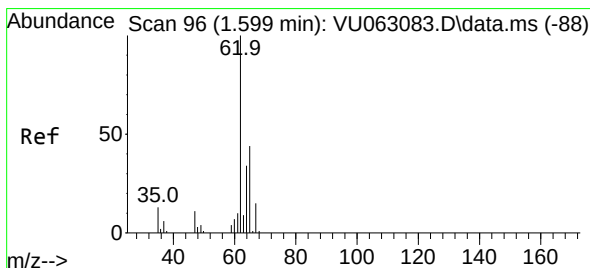
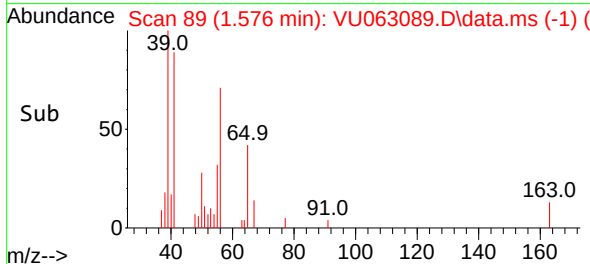
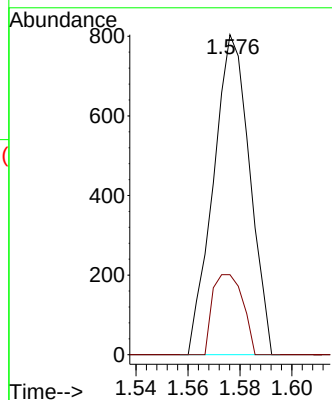
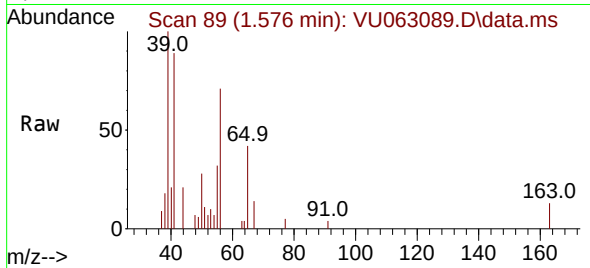




#3
Chloromethane
Concen: 0.178 ug/L
RT: 1.576 min Scan# 89
Delta R.T. 0.061 min
Lab File: VU063089.D
Acq: 29 Jan 2025 13:14

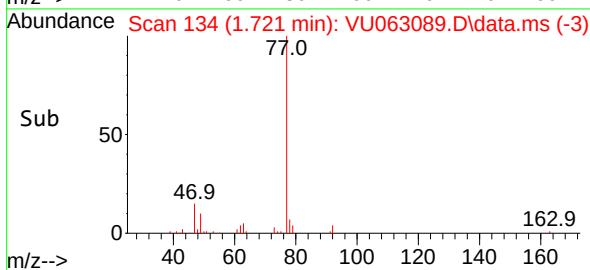
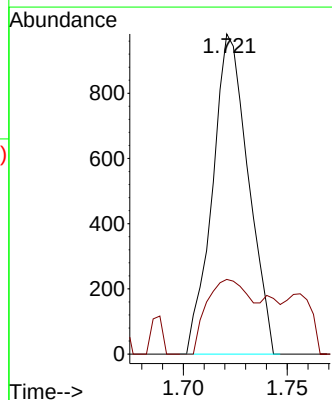
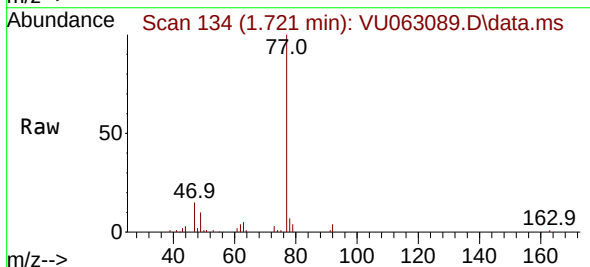
Instrument :
MSVOA_U
ClientSampleId :

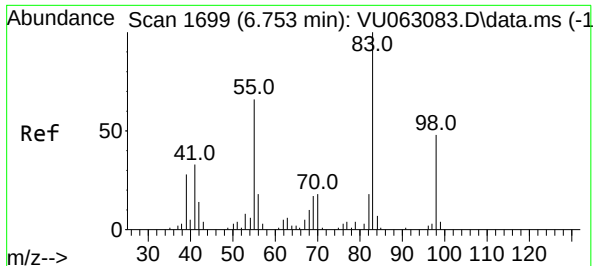
Tgt Ion: 50 Resp: 783
Ion Ratio Lower Upper
50 100
52 25.0 24.1 44.7



#5
Vinyl chloride
Concen: 0.239 ug/L
RT: 1.721 min Scan# 134
Delta R.T. 0.122 min
Lab File: VU063089.D
Acq: 29 Jan 2025 13:14

Tgt Ion: 62 Resp: 1178
Ion Ratio Lower Upper
62 100
64 23.3 23.4 43.4#





#35

Methylcyclohexane

Concen: 0.696 ug/L

RT: 6.679 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU063089.D

Acq: 29 Jan 2025 13:14

Instrument :

MSVOA_U

ClientSampleId :

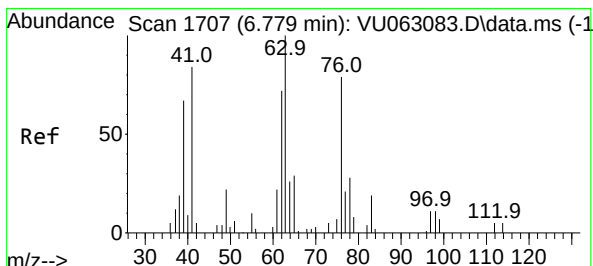
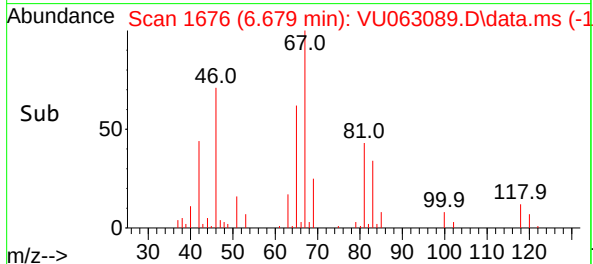
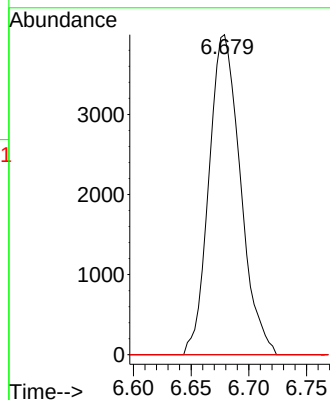
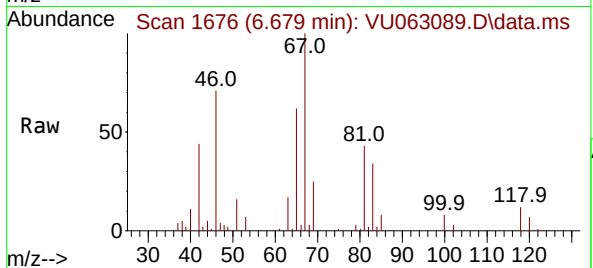
Tgt Ion: 83 Resp: 7579

Ion Ratio Lower Upper

83 100

55 0.0 57.2 85.8#

98 0.0 36.6 55.0#



#37

1,2-Dichloropropane

Concen: 0.637 ug/L

RT: 6.679 min Scan# 1676

Delta R.T. -0.100 min

Lab File: VU063089.D

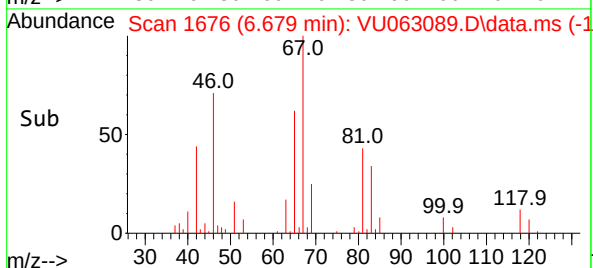
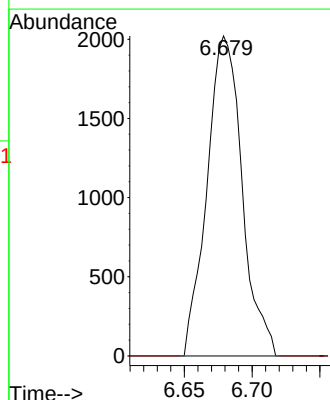
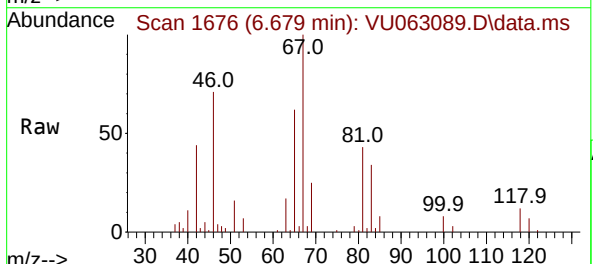
Acq: 29 Jan 2025 13:14

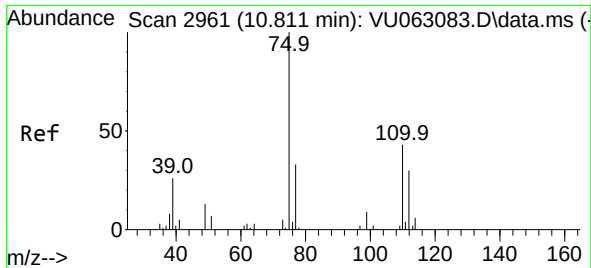
Tgt Ion: 63 Resp: 3643

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#

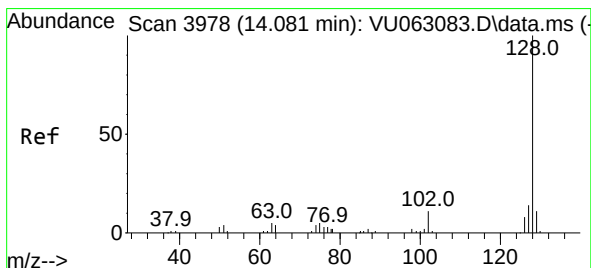
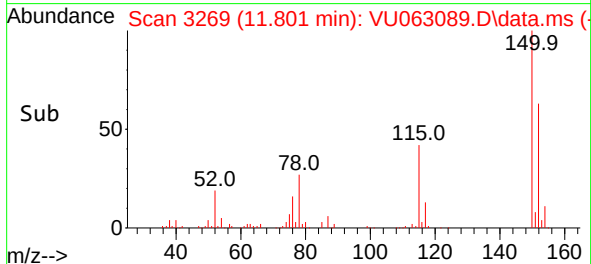
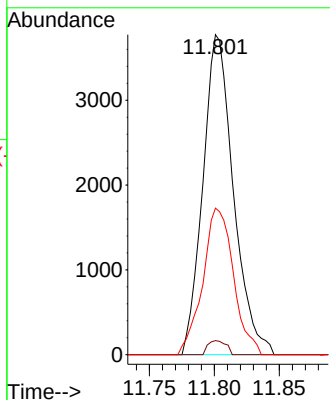
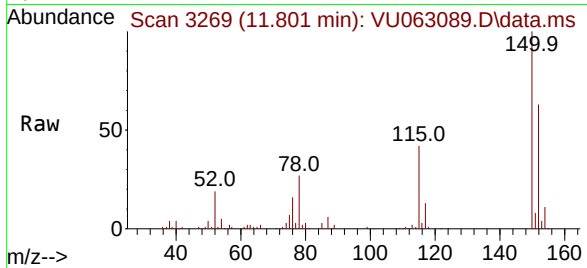




#61
 1,2,3-Trichloropropane
 Concen: 1.231 ug/L
 RT: 11.801 min Scan# 31
 Delta R.T. 0.990 min
 Lab File: VU063089.D
 Acq: 29 Jan 2025 13:14

Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 75 Resp: 6173
 Ion Ratio Lower Upper
 75 100
 110 2.6 33.2 49.8#
 77 46.0 25.9 38.9#



#71
 Naphthalene
 Concen: 0.196 ug/L
 RT: 14.090 min Scan# 3981
 Delta R.T. 0.010 min
 Lab File: VU063089.D
 Acq: 29 Jan 2025 13:14

Tgt Ion: 128 Resp: 3153
 Ion Ratio Lower Upper
 128 100
 129 9.5 8.5 12.7
 127 16.0 10.2 15.2#

