

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022422\
 Data File : VN071053.D
 Acq On : 24 Feb 2022 14:20
 Operator : JC\MD
 Sample : N1642-03 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31455

Quant Time: Feb 25 02:43:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

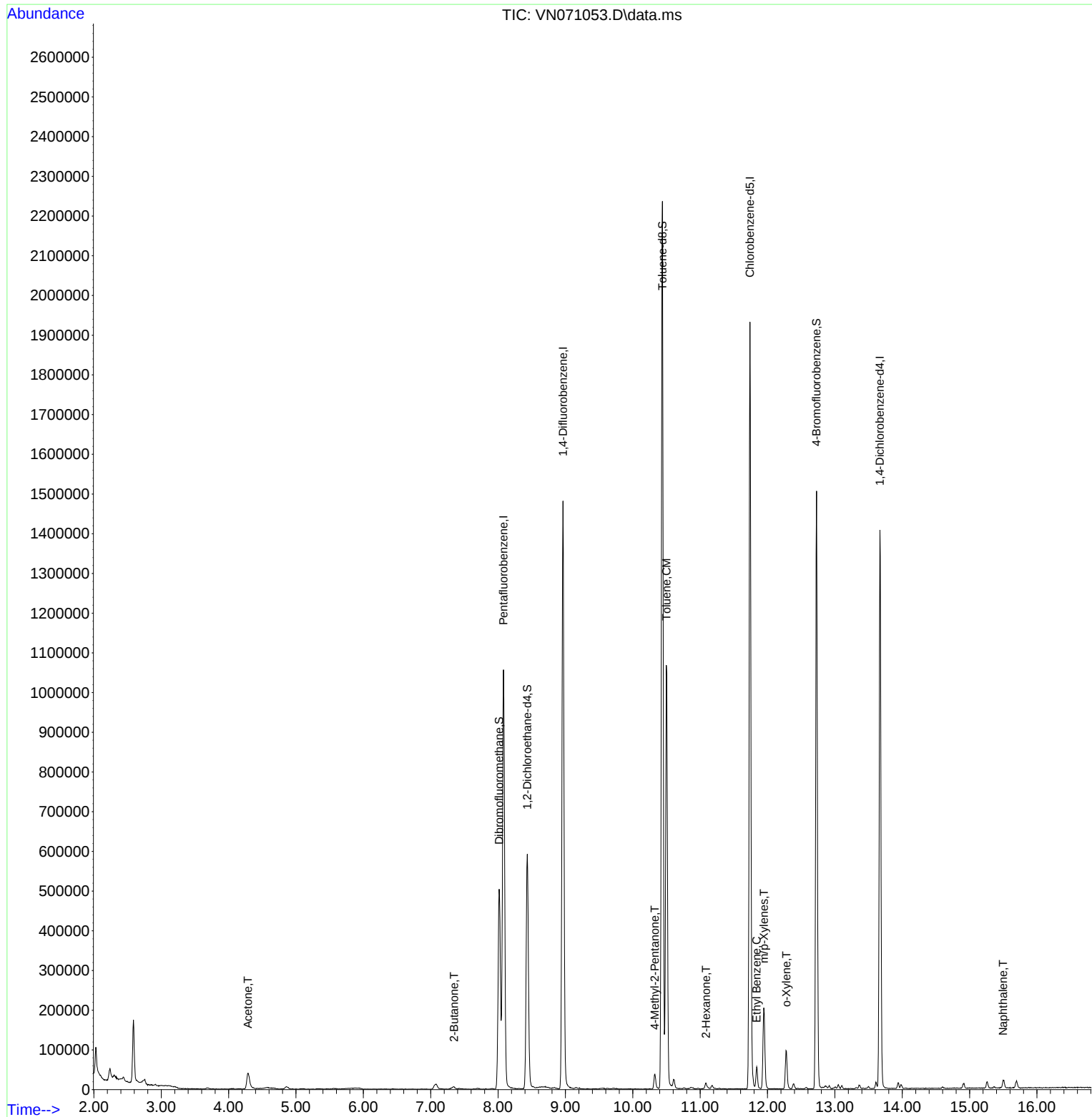
Internal Standards						
1) Pentafluorobenzene	8.081	168	821665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1290524	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1124396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	392848	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	497296	52.983	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.960%	
35) Dibromofluoromethane	8.016	113	380318	49.546	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 99.100%	
50) Toluene-d8	10.439	98	1570579	50.949	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 101.900%	
62) 4-Bromofluorobenzene	12.727	95	523878	47.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 95.080%	
Target Compounds						
16) Acetone	4.287	43	74572	14.427	ug/l	Qvalue 96
25) 2-Butanone	7.345	43	10167	1.479	ug/l #	86
51) 4-Methyl-2-Pentanone	10.328	43	29100	2.250	ug/l	97
52) Toluene	10.498	92	473278	20.247	ug/l	97
59) 2-Hexanone	11.086	43	13590	1.528	ug/l	95
67) Ethyl Benzene	11.839	91	36918	0.871	ug/l	100
68) m/p-Xylenes	11.945	106	68020	4.153	ug/l	96
69) o-Xylene	12.280	106	26424	1.651	ug/l	100
95) Naphthalene	15.498	128	20433	6.037	ug/l	97

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

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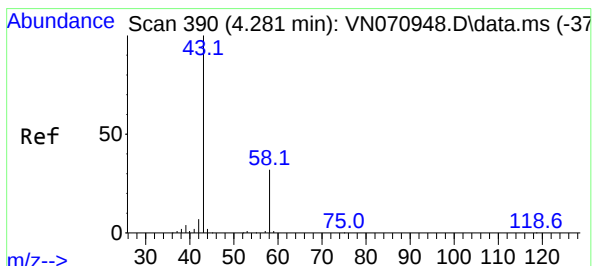
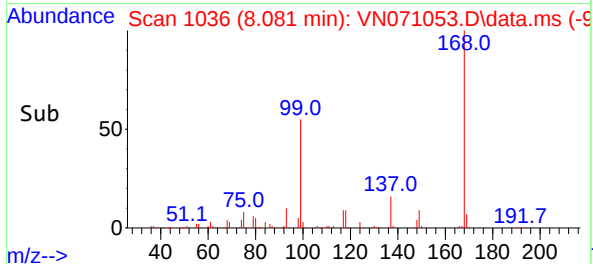
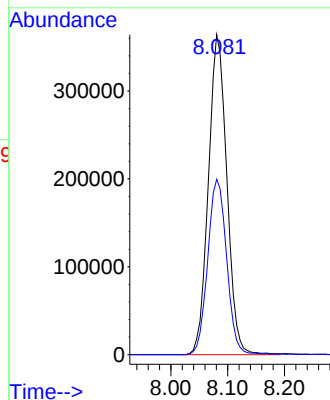
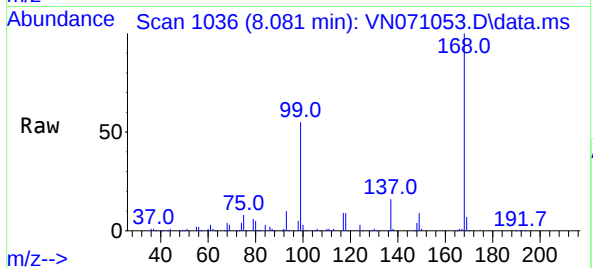




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

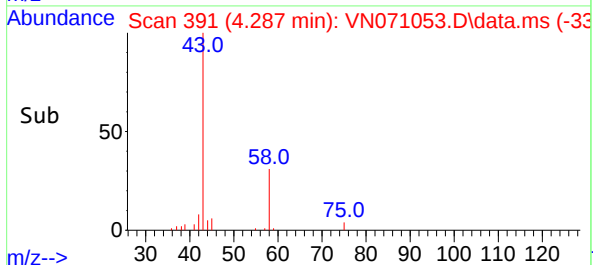
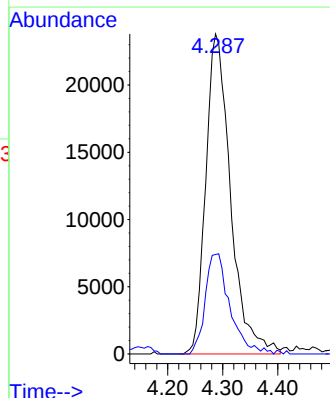
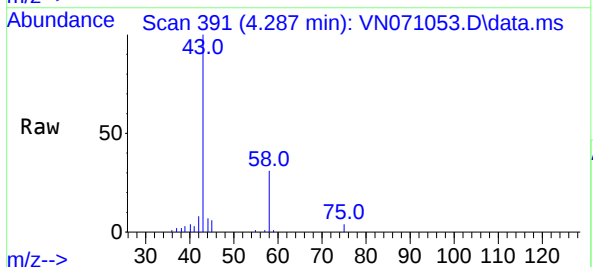
Instrument :
MSVOA_N
ClientSampleId :
31455

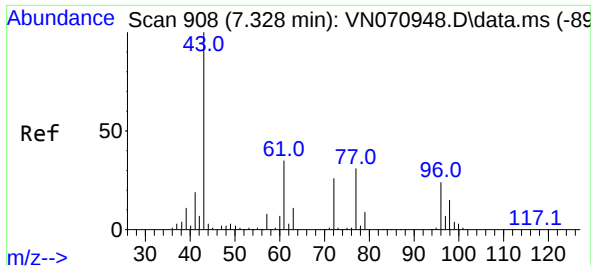
Tgt Ion:168 Resp: 821665
Ion Ratio Lower Upper
168 100
99 54.8 41.3 61.9



#16
Acetone
Concen: 14.427 ug/l
RT: 4.287 min Scan# 391
Delta R.T. 0.006 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 43 Resp: 74572
Ion Ratio Lower Upper
43 100
58 31.1 23.1 34.7





#25

2-Butanone

Concen: 1.479 ug/l

RT: 7.345 min Scan# 911

Delta R.T. 0.018 min

Lab File: VN071053.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

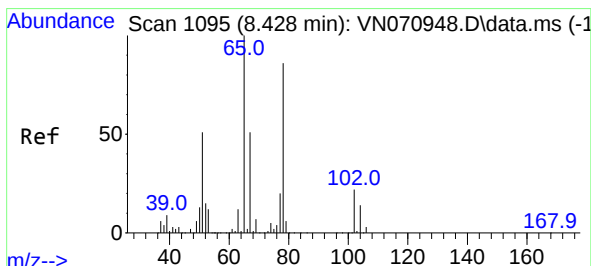
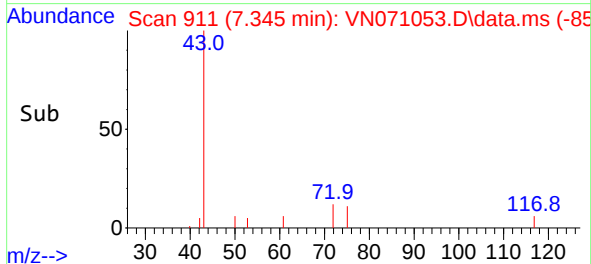
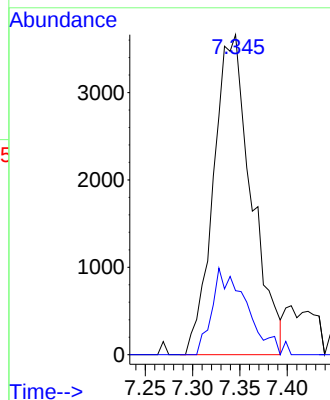
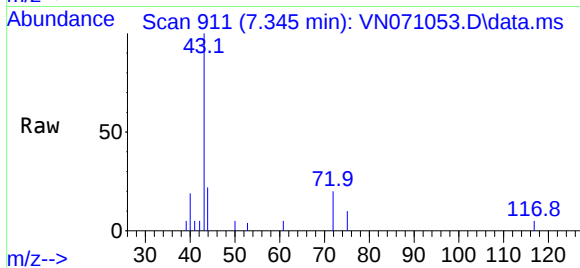
31455

Tgt Ion: 43 Resp: 10167

Ion Ratio Lower Upper

43 100

72 20.0 21.7 32.5#



#33

1,2-Dichloroethane-d4

Concen: 52.983 ug/l

RT: 8.434 min Scan# 1096

Delta R.T. 0.006 min

Lab File: VN071053.D

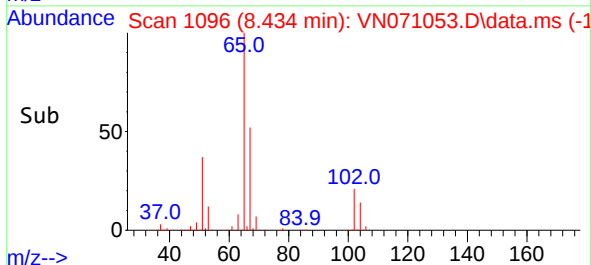
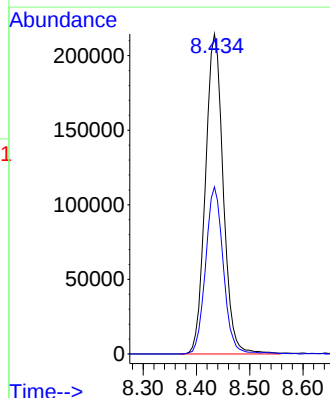
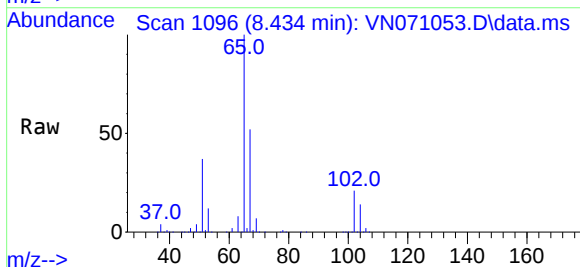
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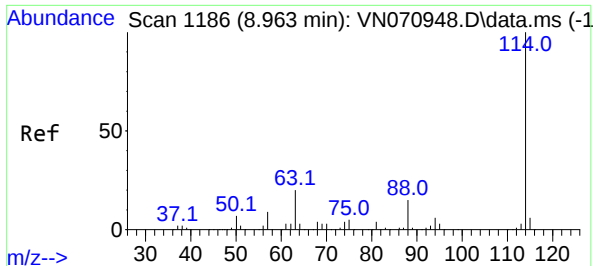
Tgt Ion: 65 Resp: 497296

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. 0.000 min

Lab File: VN071053.D

Acq: 24 Feb 2022 14:20

Instrument :

MSVOA_N

ClientSampleId :

31455

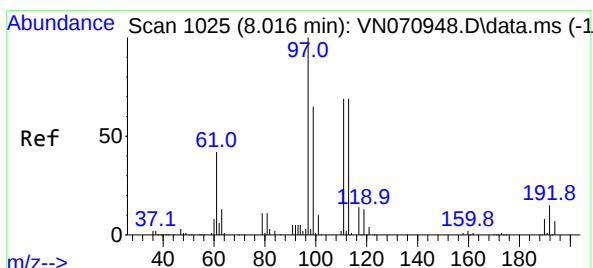
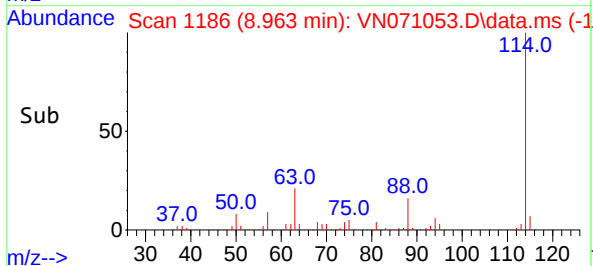
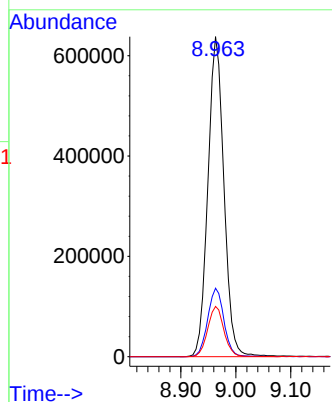
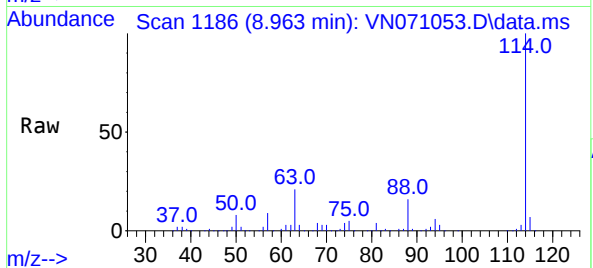
Tgt Ion:114 Resp: 1290524

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 15.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.546 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. 0.000 min

Lab File: VN071053.D

Acq: 24 Feb 2022 14:20

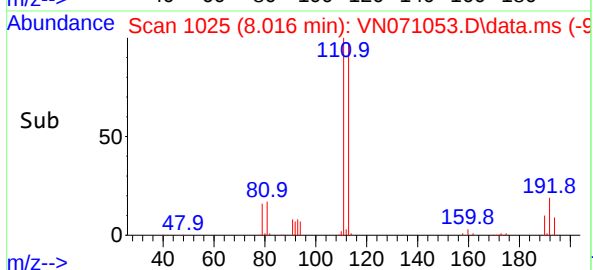
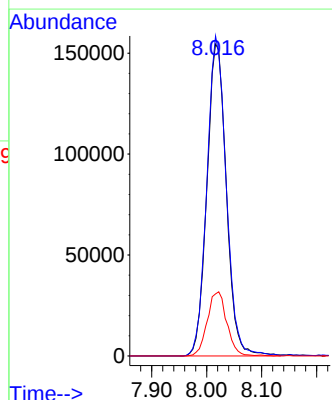
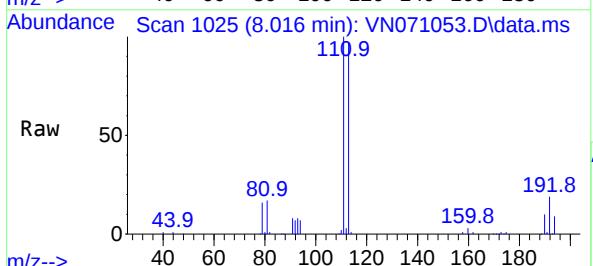
Tgt Ion:113 Resp: 380318

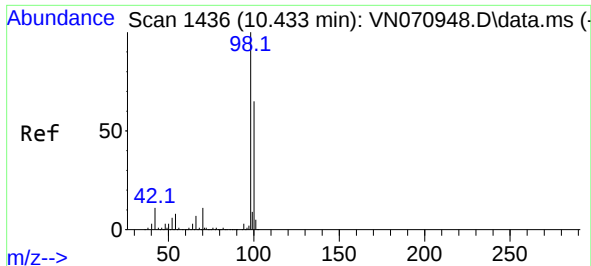
Ion Ratio Lower Upper

113 100

111 102.0 82.2 123.2

192 20.5 16.9 25.3

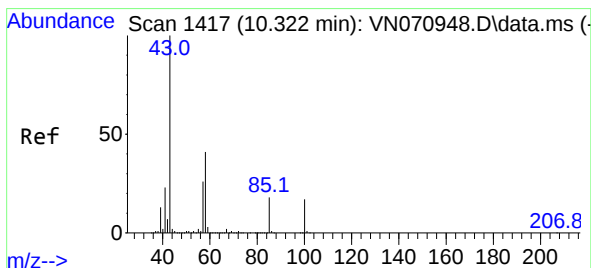
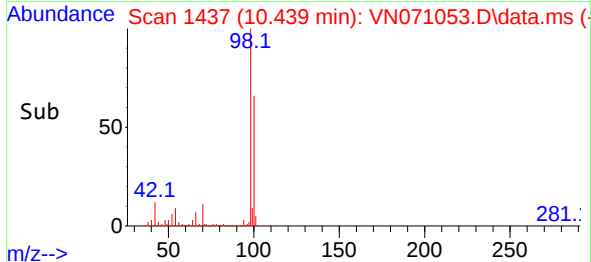
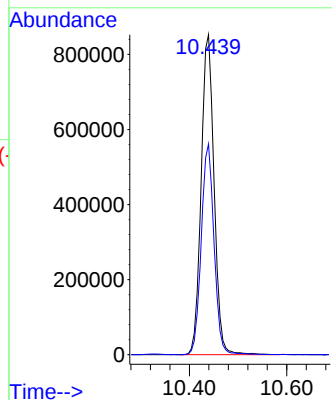
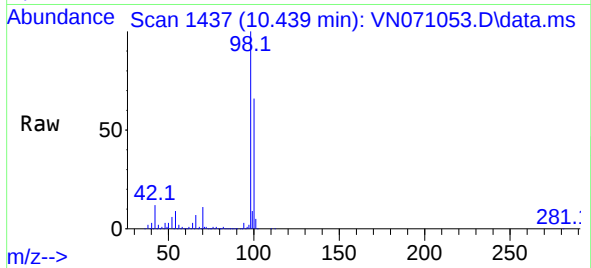




#50
Toluene-d8
Concen: 50.949 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

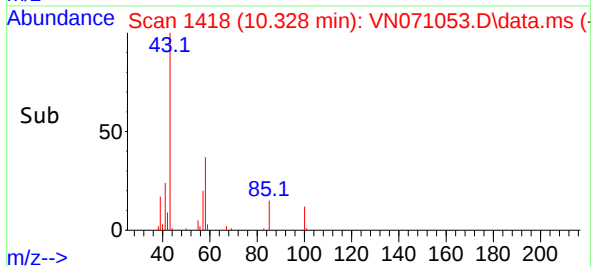
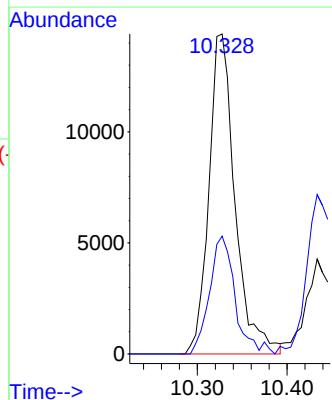
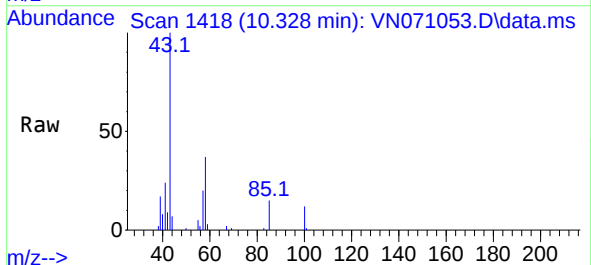
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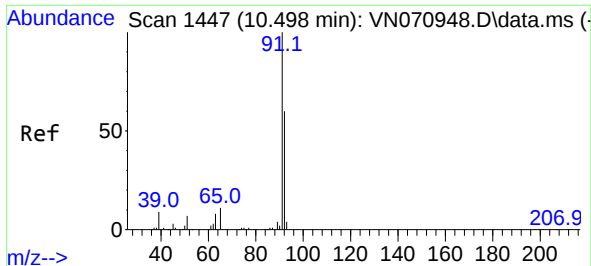
Tgt Ion: 98 Resp: 1570579
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#51
4-Methyl-2-Pentanone
Concen: 2.250 ug/l
RT: 10.328 min Scan# 1418
Delta R.T. 0.006 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 43 Resp: 29100
Ion Ratio Lower Upper
43 100
58 36.0 30.4 45.6

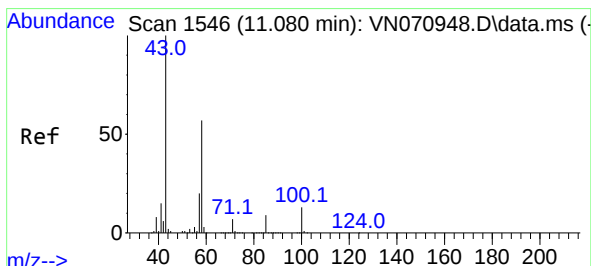
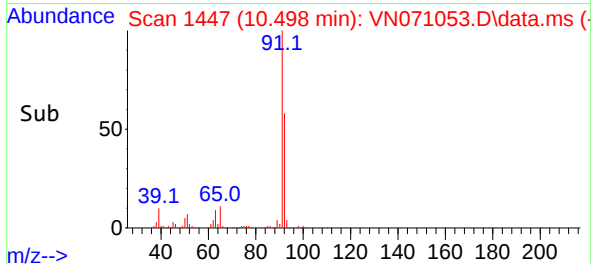
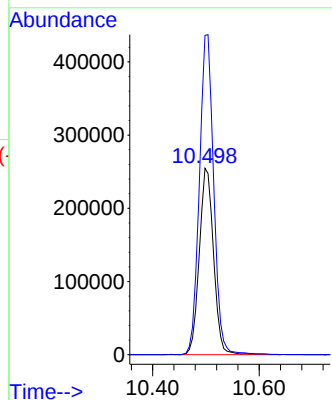
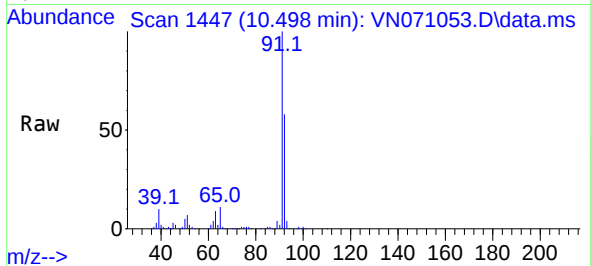




#52
Toluene
Concen: 20.247 ug/l
RT: 10.498 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

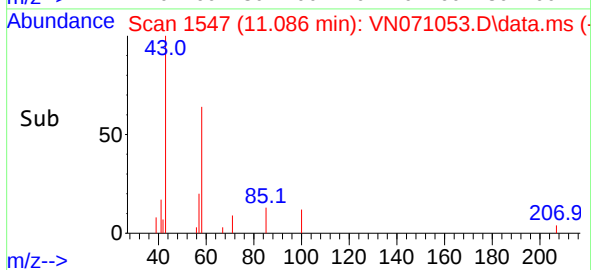
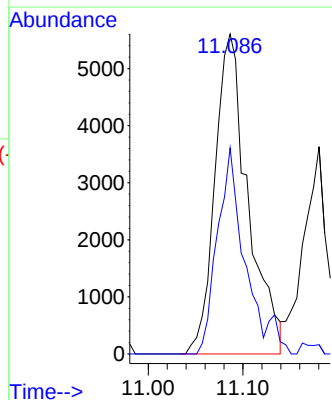
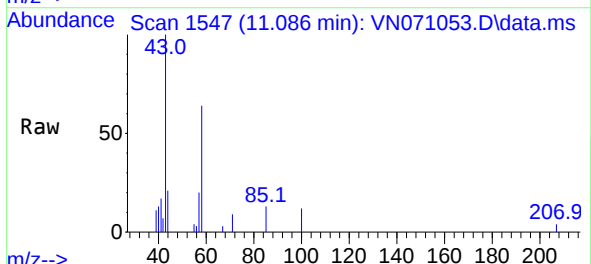
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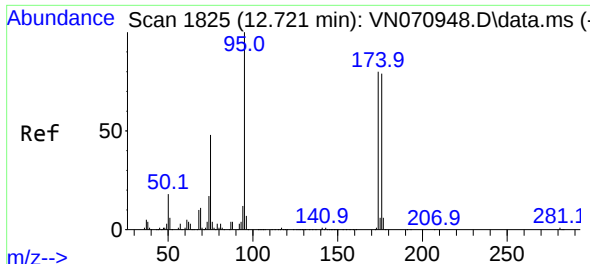
Tgt Ion: 92 Resp: 473278
Ion Ratio Lower Upper
92 100
91 173.2 142.0 213.0



#59
2-Hexanone
Concen: 1.528 ug/l
RT: 11.086 min Scan# 1547
Delta R.T. 0.006 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 43 Resp: 13590
Ion Ratio Lower Upper
43 100
58 50.1 26.9 80.7

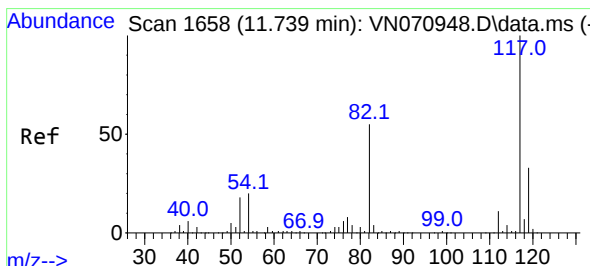
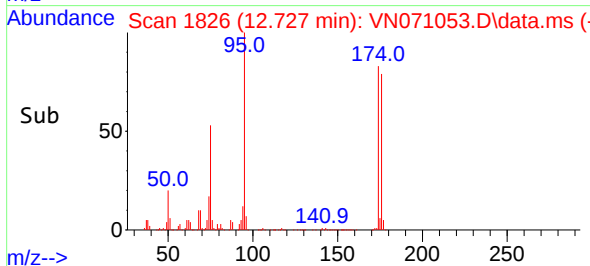
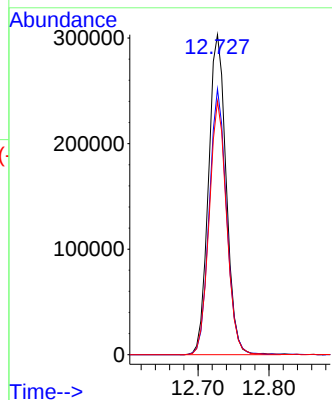
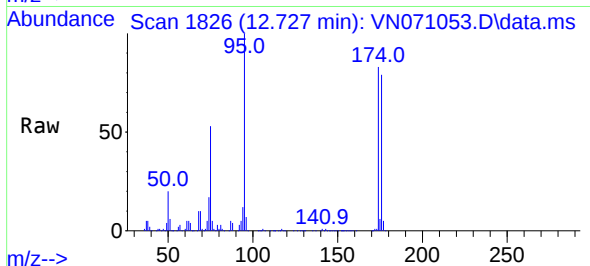




#62
4-Bromofluorobenzene
Concen: 47.545 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

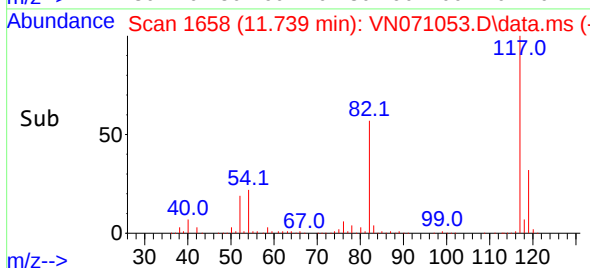
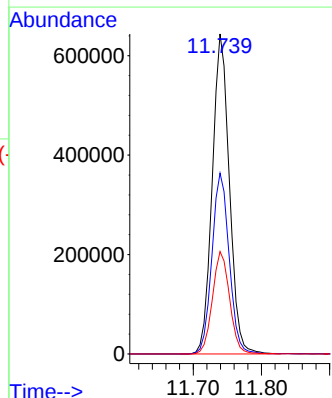
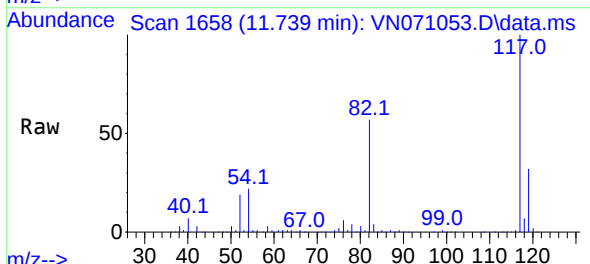
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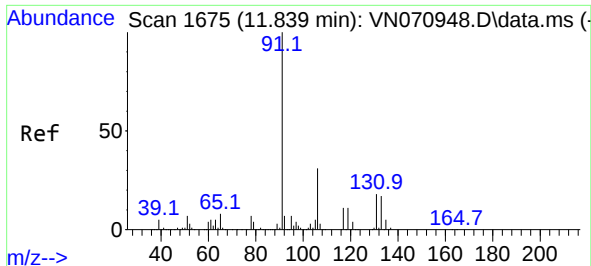
Tgt Ion: 95 Resp: 523878
Ion Ratio Lower Upper
95 100
174 81.1 0.0 187.2
176 78.1 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 117 Resp: 1124396
Ion Ratio Lower Upper
117 100
82 56.5 42.4 63.6
119 32.0 25.4 38.2

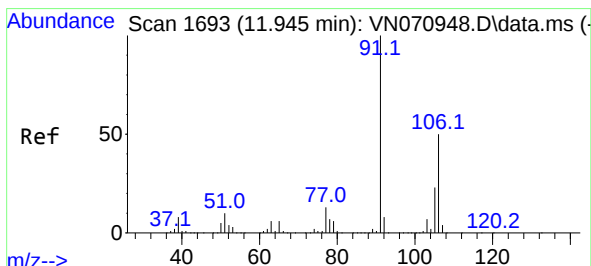
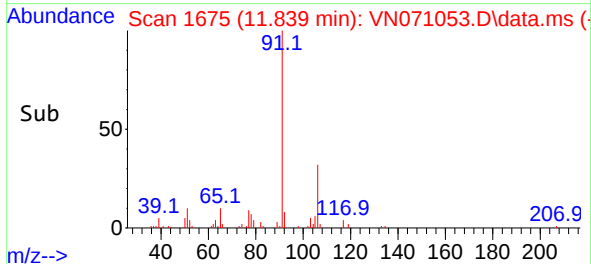
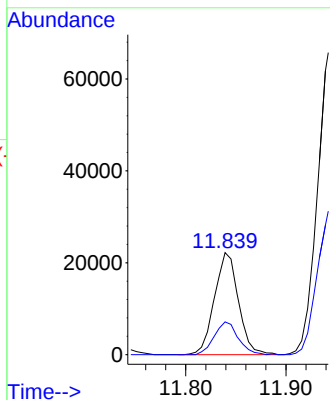
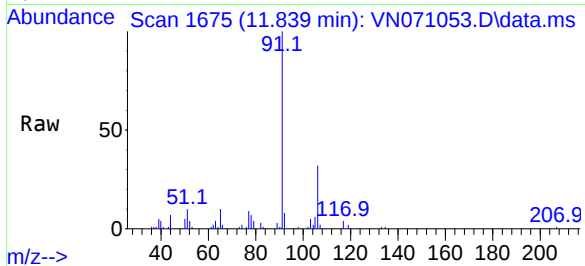




#67
Ethyl Benzene
Concen: 0.871 ug/l
RT: 11.839 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

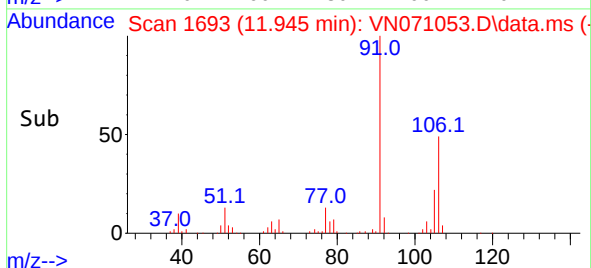
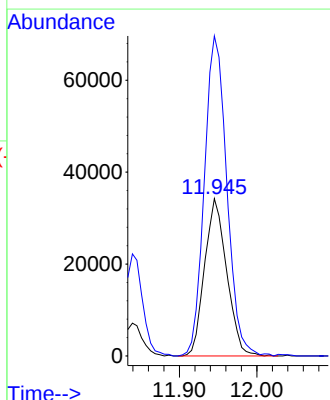
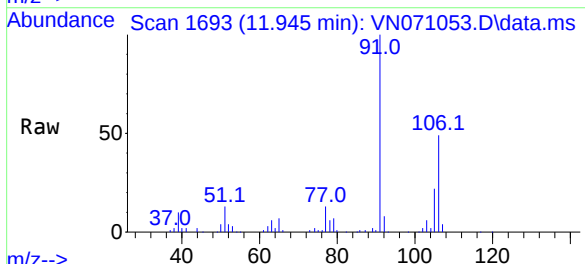
Instrument :
MSVOA_N
ClientSampleId :
31455

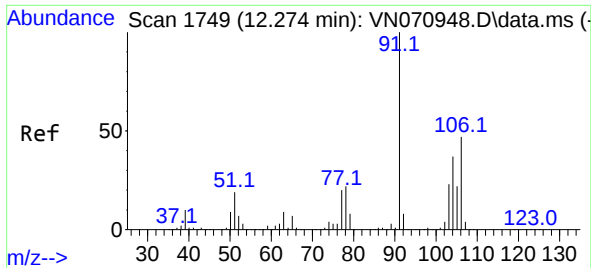
Tgt Ion: 91 Resp: 36918
Ion Ratio Lower Upper
91 100
106 32.1 25.7 38.5



#68
m/p-Xylenes
Concen: 4.153 ug/l
RT: 11.945 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Tgt Ion: 106 Resp: 68020
Ion Ratio Lower Upper
106 100
91 206.1 160.6 240.8

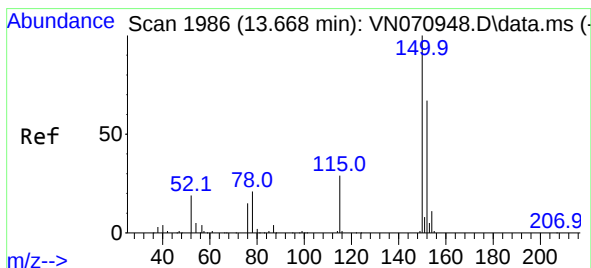
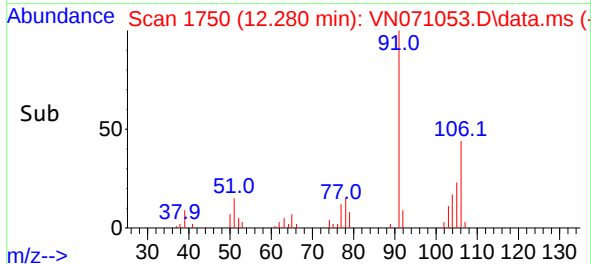
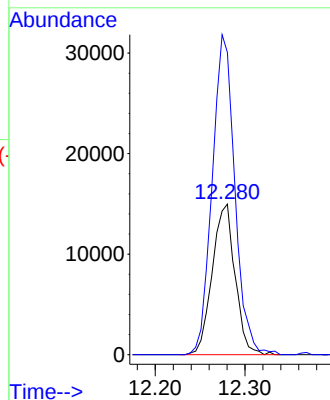
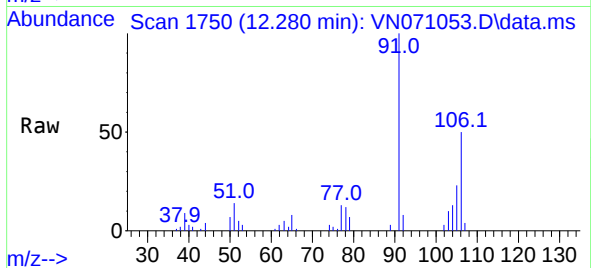




#69
o-Xylene
Concen: 1.651 ug/l
RT: 12.280 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

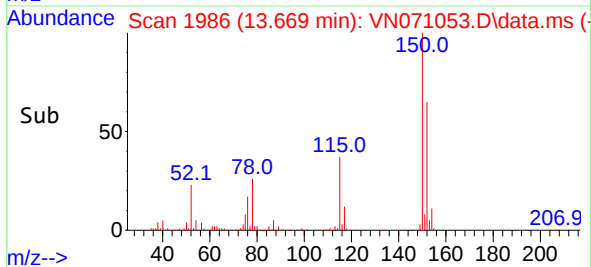
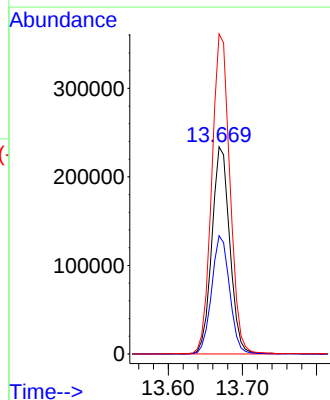
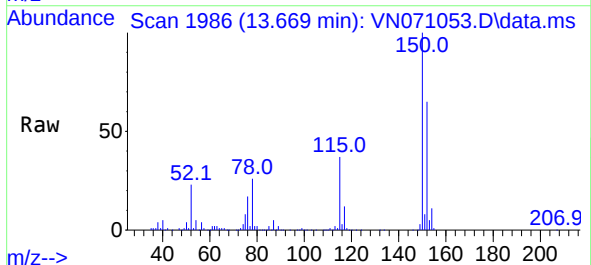
Instrument :
MSVOA_N
ClientSampleId :
31455

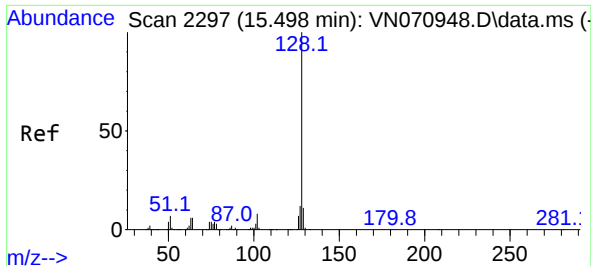
Tgt Ion:106 Resp: 26424
Ion Ratio Lower Upper
106 100
91 210.9 105.8 317.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.669 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Tgt Ion:152 Resp: 392848
Ion Ratio Lower Upper
152 100
115 57.4 27.5 82.5
150 156.9 0.0 344.4





#95
Naphthalene
Concen: 6.037 ug/l
RT: 15.498 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN071053.D
Acq: 24 Feb 2022 14:20

Instrument :
MSVOA_N
ClientSampleId :
31455

Tgt Ion:	128	Resp:	20433
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.5	15.7
129	12.4	8.7	13.1

